



11th International Congress of Neuroimmunology



12th ESNI COURSE
European School of Neuroimmunology

Boston (Massachusetts, USA)
4th - 8th November 2012

www.isni2012.org

Scientific Program

The first International Congress of Neuroimmunology was held in Stresa, Italy, in 1982 and was organized by Drs. Peter O. Behan and Federico Spreafico. The second International Congress of Neuroimmunology was held in Philadelphia, PA, and was organised by C.S. Raine and Dale E. McFarlin. It was at this meeting in Philadelphia in 1987 that it was decided to start an international society, the International Society of Neuroimmunology, and an election was held for a panel of officers. Cedric S. Raine was elected President, John Newson-Davis Vice President, Robert Lisak Treasurer and Kenneth Johnson Secretary, together with an International Advisory Board.

The Society was incorporated in 1988. Subsequent meetings were in Jerusalem (Israel) 1991 (Oder Abramsky and Haim Ovadia), Amsterdam (The Netherlands) 1994 (Kee Lucas), Montreal (Canada) 1998 (Jack Antel and Trevor Owens), Edinburgh (United Kingdom) 2001 (John Greenwood, Sandra Amor, David Baker, John Fazakerley and Angela Vincent), Venice (Italy) 2004 (Francesca Aloisi and Gianvito Martino), Nagoya (Japan) 2006 (Takeshi Tabira), Fort Worth (United States) 2008 (Caroline C. Whitacre and Michael K. Racke) and Sitges (Spain) 2010 (Pablo Villoslada, Bernardo Castellano, Francesc Graus, Isabel Illa, Xavier Montalban).

Dale McFarlin died unexpectedly in 1992 and the Dale McFarlin Lecture has been a special focus of the ISNI meetings since then. Henry McFarland gave the first Dale lecture in 1994 (Amsterdam). The first ISNI Lecture was given by Cedric S. Raine in Edinburgh (2001) at the 6th ISNI Congress. The by-laws were first drafted in 1988 and were then updated and ratified by the General Meeting in Edinburgh in 2001.

The principal office of the Society is in Rome, Italy, and the executive office is currently supervised by Tomas Olsson (President) in coordination with Gianvito Martino (Vice President) and Roberto Furlan (Treasurer and Secretary).

Since 2010, the European School of Neuroimmunology (ESNI) is the official school of the ISNI and the first congress day is dedicated to the ESNI.





SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Table of contents

pag. 3	Welcome
pag. 4	Committees
pag. 5	Acknowledgements
pag. 6	Grants
pag. 7	General Information
pag. 11	Invited Speakers
pag. 13	12 th ESNI Pre-Congress Teaching Course – Sunday November 4 th
pag. 14	11 th ISNI Congress – Monday November 5 th
pag. 34	Tuesday November 6 th
pag. 56	Wednesday November 7 th
pag. 75	Thursday November 8 th
pag. 77	Index of Abstracts' Authors





SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Welcome letter

Local Organizing Committee



Conference Chair
Samia Khoury
*Jack, Sadie and David Breakstone
Professor of Neurology
Harvard Medical School,
Boston, MA, USA
Co-Director Partners MS Center*

On behalf of the International Society of Neuroimmunology (ISNI), we are pleased to invite you to participate in the Eleventh ISNI Congress, which will be held in Boston, USA, from November 4th- 8th, 2012.

There are exciting developments in the field of Neuroimmunology affecting our understanding of neuroimmune diseases, the development of new immunotherapies, and new technology for research.

The Organizing Committee, on behalf of ISNI, is preparing an exciting program that will inform participants on the latest developments in the field. The program will include plenary sessions, focused symposia, and workshops. Plenty of time is devoted to poster presentations. We want to see you there!

Boston, one of America's oldest cities, has a rich economic and social history, and is home to many institutions of higher education, some of the world's finest hospitals, and numerous cultural and professional sports organizations. Museums, places to visit and restaurants in the city will make this event a wonderful experience.

We look forward to seeing you in Boston!

Samia Khoury



SCIENTIFIC PROGRAM

11th International Congress
of Neuroimmunology

Committees



INTERNATIONAL SOCIETY OF NEUROIMMUNOLOGY

INTERNATIONAL ADVISORY BOARD

ISNI OFFICERS

President - Tomas Olsson, Sweden
 Vice President - Gianvito Martino, Italy
 Secretary/Treasurer - Roberto Furlan, Italy

HONORARY OFFICERS

Jack Antel Montreal, Canada
 Trevor Owens, Odense, Denmark
 Cedric S. Raine, New York, NY, USA
 Angela Vincent, Oxford, UK
 Hartmut Wekerle, Martinsried, Germany
 Caroline Whitacre, Columbus, OH, USA

INTERNATIONAL ADVISORY BOARD

F. Aloisi, Rome, Italy
 B. Becher, Zürich, Switzerland
 A. Coles, Cambridge, UK
 R. Gold, Bochum, Germany
 D. Hafler, Boston, MA, USA
 W. Hickey, Dartmouth, MA, USA
 R. Hintzen, Rotterdam, The Netherlands
 V. Kuchroo, Boston, MA, USA
 R. Martin, Zürich, Switzerland
 Y. Matsumoto, Tokyo, Japan
 S. Miller, Chicago, IL, USA
 H. Perry, Southampton, UK
 L. Probert, Athens, Greece
 M. Schwartz, Rehovot, Israel
 L. Steinman, Stanford, CA, USA
 P. Villoslada, Barcelona, Spain
 T. Yamamura, Tokyo, Japan
 W. Yong, Calgary, Canada

CONGRESS ORGANIZERS

Congress Chair: Samia J. Khoury

Jack, Sadie and David Breakstone Professor of Neurology,
 Harvard Medical School, Boston, MA, USA
 Co-Director Partners MS Center

David A. Hafler

Gilbert H. Glaser Professor of Neurology,
 Yale School of Medicine, New Haven, CT, USA

Vijay Kuchroo

Samuel L. Wasserstrom Professor of Neurology, Harvard
 Medical School, Boston, MA, USA

Steven Jacobson

Senior Investigator, Viral Immunology Section at NIH,
 Bethesda, MD, USA

ORGANIZING SECRETARIAT

EEM International Congress Services

MICE & PCO

Professional Congress Organizer &
 Associations Management Services



www.eemservices.com



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Acknowledgements

In cooperation with:



Supported by:



Gold Sponsor:



Silver Sponsors:



Other Sponsors:



Grants:



Also thanks to:

EMD Serono Inc. (Canada)

Teva Canada Limited



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



CME Accreditation

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of CME Outfitters, LLC and International Society of Neuroimmunology. CME Outfitters, LLC is accredited by the ACCME to provide continuing medical education for physicians.

CME Outfitters designates this live activity for a maximum of **24 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The The European Accreditation Council for CME (EACCME) and the American Medical Association (AMA)

In 2000 the EACCME and the AMA signed an agreement of mutual recognition of CME credits between Europe and the USA whereby European physicians attending an event in the USA had their credits Category 1 recognised in Europe.

Other bilateral agreements may exist between AMA ACCME and your local CME authority.



24 AMA PRA Category 1 Credits™

Physicians should claim only the credit commensurate with the extent of their participation in the activity



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



The first International Congress of Neuroimmunology was held in Stresa, Italy, in 1982 and was organized by Drs. Peter O. Behan and Federico Spreafico. The second International Congress of Neuroimmunology was held in Philadelphia, PA, and was organised by C.S. Raine and Dale E. McFarlin. It was at this meeting in Philadelphia in 1987 that it was decided to start an international society, the International Society of Neuroimmunology, and an election was held for a panel of officers. C.S. Raine was elected President, John Newson-Davis Vice President, Robert Lisak Treasurer and Kenneth Johnson Secretary, together with an International Advisory Board.

General Information

Dates

12th ESNI Pre-Congress Course
European School of Neuroimmunology
Sunday, November 4th 2012

11th ISNI Congress
International Society of Neuroimmunology
Monday, November 5th to Thursday, November 8th 2012

Congress venue

The Westin Copley Place,
10 Huntington Avenue,
Boston, 02116 MA, USA

Registration desks

The registration desks are located on the 4th floor on November 3rd, and on the 3rd floor of the hotel from November 4th – November 8th

Saturday	November 3 rd , 2012	12:00pm - 6:00pm	Convention Office, 4 th floor
Sunday	November 4 th , 2012	7:00am - 6:00pm	3rd floor
Monday	November 5 th , 2012	7:00am - 6:00pm	3rd floor
Tuesday	November 6 th , 2012	8:00am - 6:00pm	3rd floor
Wednesday	November 7 th , 2012	8:00am - 6:00pm	3rd floor
Thursday	November 8 th , 2012	8:00am - 12:00pm	3rd floor

Participant's fee includes:

- participants' badge and congress material
- access to scientific sessions and exhibition
- abstract book
- certificate of attendance
- coffee breaks
- lunch coupons
- CME Accreditation



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



General Information

Badge

Upon registration you will receive your congress kit with your name badge. You are kindly requested to wear your badge during all congress sessions and events. In case you lose your badge, please ask for a duplicate at the congress secretariat desks.

Certificate of attendance

Certificates of attendance will be distributed to all participants on-site or after the congress.

Exhibition area

The exhibition area is at the Westin Copley Place.

Opening hours are as follows:

Monday	November 5 th , 2012	9:00am - 6:00pm
Tuesday	November 6 th , 2012	9:00am - 6:00pm
Wednesday	November 7 th , 2012	9:00am - 6:00pm
Thursday	November 8 th , 2012	9:00am - 3:00pm

Pre-Congress Teaching Course

The 11th ESNI Course will take place in the America Ballroom (4th floor) between 9:15am and 6:00pm on Sunday, November 4th 2012. Delegates attending the course should register at the registration desks between 12:00pm and 6:00pm on Saturday, November 3rd. Only the registered Students/PostDocs or the delegates who confirmed their participation in the 11th ESNI Course when they registered on-line are allowed.

Plenary Lectures

There will be four plenary lectures from Monday to Thursday. Lectures will take place in the America Ballroom (4th floor) of the Westin Copley Place.

Plenary Symposia

There will be four plenary symposia in the morning from Monday to Thursday. All plenary sessions will take place in the America Ballroom (4th floor).

Concurrent Symposia

There will be nine concurrent symposia. All concurrent sessions will take place in Room A (America Ballroom 4th floor), Room B (Essex South - 3rd floor) and Room C (Essex North+Center 3rd floor) of the Westin Copley Place.

Oral Poster Sessions

Oral communications are allotted 15 minutes for the presentation. Authors are kindly requested to respect their presentation time. Power Point video projection will be available in all rooms for the presentations, authors must upload their presentation at the Speakers' Ready Room located on the 4th floor in the Convention office, no later than 9:00am on the assigned date of presentation, or beforehand.

Poster Sessions

Posters will be on display on Monday, Tuesday and Wednesday between 9:00 am and 6:00 pm in the Posters Hall of the Westin Copley Place, Boston.

You can place your poster on the assigned board between 7:00pm of the previous day and 9:00am of the assigned date. Posters should be removed by authors between 6:00pm and 7:00pm on the same day of the assigned session. The Congress Secretariat will not be responsible for posters left behind. Poster size should be maximum 3,5 feet wide by 4 feet high and will be displayed vertically. The position of each poster will be marked by the poster number and title, please place your poster on the assigned board.

Authors must be present during the assigned poster session.





SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



General Information

Underneath please find the poster sessions schedule:

Monday, November 5th

- PS 1 B cells and antibodies
- PS 2 Biomarkers
- PS 3 Blood brain barrier
- PS 4 Clinical research
- PS 5 Innate immune system
- PS 6 Models of disease
- PS 7 Omics
- PS 8 Pathology
- PS 9 Psychoimmunomodulation

Tuesday, November 6th

- PS 10 Immunological mechanisms
- PS 11 Genetics
- PS 12 miRNA
- PS 13 T Cells
- PS 14 Neuroinflammation

Wednesday, November 7th

- PS 15 Brain tumors and paraneoplastic
- PS 16 Infections
- PS 17 Mechanisms of CNS disease
- PS 18 Neurodegeneration
- PS 19 Stem cells
- PS 20 T cells
- PS 21 Therapies

Language

English is the official language of the congress. No simultaneous translation will be provided

Sessions

Please make sure to be in the session hall on time as all sessions will begin and end as according to the schedule.

Coffee breaks

Coffee breaks will be served in the designated areas as according to the schedule.

Lunch breaks

Registered participants will receive four lunch coupons, from Monday to Thursday. Participants attending the ESNI Course will receive a lunch coupon also for Sunday, November 4th.

Please collect your coupons in order to receive your lunch which will be distributed in the designated areas as according to the schedule.

CME credits

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of CME Outfitters, LLC and International Society of Neuroimmunology. CME Outfitters, LLC is accredited by the ACCME to provide continuing medical education for physicians.

CME Outfitters designates this live activity for a maximum of **24 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

In collaboration with CME Outfitters, LLC, we will be providing on-site paper credit request forms and evaluation forms. Certificates will then be **mailed out 4-6 weeks after the meeting**.



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



General Information

Disabled persons

The Westin Copley Place is equipped with facilities for disabled persons. However, if you have any special needs or disabilities, please let the organising secretariat know when registering for the congress.

Insurance

The organisers will not accept liability for individual medical, travel or personal insurance. It is highly recommended that all participants carry proper health and travel insurance.

Smoking policy

Smoking is forbidden at any time in the meeting halls, poster hall and restrooms. Your compliance is appreciated.

Mobile phones

Mobile phones must be switched off while attending a session.

Speakers' ready room

Speakers' ready room is located in the Convention Office on the 4th floor and operates during the congress hours.

All rooms are equipped as follows:

- one large screen
- one LCD projector
- one podium microphone and monitor
- one laser pointer
- 2 radio microphones for the discussion

All invited speakers and presenting authors of accepted abstracts as oral presentation are kindly requested to visit the Speakers' ready room at least the day before their presentation time.

Speakers should clearly identify themselves and specify the room, date and time of presentation as indicated in the scientific program.

During the visit to the speakers' ready room a technician will load your presentation on the congress computers, run through it and check it. Your presentation will be sent from the central server to the room where you will give your talk. Congress staff will be available in the session rooms for assistance.

All presentations will be deleted immediately after the meeting ends.

Speakers' ready room

Speakers' ready room is located in the Convention Office on the 4th floor and operates during the congress hours.





SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Speakers & Chairpersons list

Jack P. **Antel** MD
McGill University, Department of Neurology, Canada

Amit **Bar-Or** MD
Neurology and Neurosurgery, McGill University, Canada

David **Baker** MD
Center for Neuroscience and Trauma, Blizard Institute of Cell and Molecular Science, Barts & the London School of Medicine, UK

Burkhard **Becher** PhD
Institute of Experimental Immunology, University of Zurich, Switzerland

Bibiana **Bielekova** MD
National Institute of Neurological Disorders and Stroke (NINDS)

Elizabeth **Bradshaw** PhD
Neurology, Brigham and Women's Hospital, Boston, MA, USA

Iain **Campbell** MD
School of Molecular Bioscience, The University of Sydney, Australia

Monica **Carson** PhD
Associate Professor Biomedical Sciences, University of Pennsylvania, USA

Rui **Chen** PhD
Stanford University, CA, USA

Manuel **Comabella** MD
Multiple Sclerosis Centre of Catalonia, Vall d'Hebron, University Hospital, Barcelona, Spain

Alastair **Compston** MD
Clinical Neuroscience, University of Cambridge, UK

Daniel J. **Cua** PhD,
Merck Research Laboratories in Palo Alto, California

Francesco **Cucca** MD,
Istituto di Neurogenetica e Neurofarmacologia, CNR, Italy

Josep **Dalmau** MD, PhD
IDIBAPS, Hospital Clinic, University of Barcelona, Spain;
University of Pennsylvania, Philadelphia USA

Philip L. **DeJager** MD, PhD
Neurology, Brigham and Women's Hospital, Boston, MA, USA

Tobias **Derfuss** MD
Neurology, University Hospital, Basel, Switzerland

Douglas **Fields** MD
Nervous System Development, National Institute of Child Health and Human Development

Alexander **Flügel** PhD
Institute for Multiple Sclerosis Research, Göttingen, Germany

Roberto **Furlan** MD, PhD
Clinical Neuroimmunology Unit, San Raffaele Scientific Institute, Milan, Italy

Frederic **Geissmann** MD, PhD
Centre for Molecular & Cellular Biology of Inflammation (CMCBI), King's College London

Dirk **Gevers** PhD
The Broad Institute of MIT and Harvard, Cambridge, MA, USA

Joan M. **Goverman** PhD
University of Washington; Center on Human Development and Disability, Washington, USA

Nir **Hacohen** PhD
Immunology, Harvard Medical School, Boston, MA, USA

David **Hafler** MD
Neurology and Immunobiology, Yale University, New Haven, CT, USA

Hanne F. **Harbo** MD
Oslo University, Norway

Hans Peter **Hartung** MD
Clinic Neurology, HeinrichHeine University, Dusseldorf, Germany

Rogier **Hintzen** MD, PhD
Department of Neurology, Erasmus University Medical Center, Rotterdam, The Netherlands

Reinhard **Hohlfeld** MD
Institute of Clinical Neuroimmunology, Ludwig University Munich

Dimitrios **Karussis** MD
Department of Neurology at Hadassah Medical Organization Hadassah, Jerusalem, Israel

Lloyd **Kasper** MD
Neurology, Microbiology and Immunology, Dartmouth University, Hanover, NH, USA

Dennis **Kasper** MD
Harvard Medical School, Brigham & Women's Hospital, Boston, MA

Martin **Kerschensteiner** PhD
Institute of Clinical Neuroimmunology, Ludwig Munich University

Samia J. **Khoury** MD
Jack, Sadie and David Breakstone Harvard Medical School, Boston, MA, USA

Jonathan **Kipnis** PhD
University of Virginia School of Medicine, Charlottesville, Va, USA

Zaal **Kokaia** PhD
Lund Stem Cell Center University Hospital, Sweden

Vijay **Kuchroo** DVM, PhD
Neurology, Harvard Medical School, Boston, MA, USA

Vanda A. **Lennon** MD, PhD
Immunology and Neurology, Mayo Clinic, Rochester, MN, USA

Linda **Liau** MD, PhD
Neurosurgery, University of California, Los Angeles, CA, USA

Roland **Liblau** MD, PhD
Directeur du Centre de Physiopathologie Toulouse Purpan (CPTP)

Christopher **Love** PhD
Dept. of Chemical Engineering, MIT, Cambridge, MA, USA

SCIENTIFIC PROGRAM

11th International Congress
of Neuroimmunology

Speakers & Chairpersons list

Gianvito **Martino** MD
Division of Neuroscience San Raffaele Hospital, Milan, Italy

Dorian **McGavern** PhD
National Institute of Neurological Disorders and Stroke, NIH,
Bethesda MD, USA

Stephen **Miller** MD, PhD
Judy Gugenheim Research, Professor of Microbiology

Kingston **Mills** PhD
Immunology Research Center, Trinity College, Dublin, Ireland

U. Valentine **Nägerl** PhD
Université Bordeaux 2, Institut interdisciplinaire de
Neurosciences

Jorge **Oksenberg** PhD
Professor of Neurology. University of California, San
Francisco

Tomas **Olsson** MD, PhD
Clinical Neurosciences, Neuroimmunology Unit Karolinska
Hospital, Stockholm, Sweden

John **O'Shea** MD
Molecular Immunology and Inflammation Branch NIAMS

Trevor **Owens** PhD
University of Southern Denmark

Thaddeus **Pace**, PhD
Laboratory Director, Emory Mind-Body Program
Emory University School of Medicine
Atlanta, GA, USA

Michael **Platten** MD
Department of Neurooncology, Ruprecht-Karls University
Heidelberg

Hidde **Ploegh** PhD
Biology, Whitehead Institute, MIT, Cambridge, MA, USA

Stefano **Pluchino** MD, PhD
Dept of Clinical Neurosciences, University of Cambridge

Alexandre **Prat** MD
Neuroimmunology Unit, Montreal Neurological Institute,
McGill University, Canada

Gabriel **Rabinovich** PhD
Institute of Biology & Experimental Medicine, University of
Buenos Aires, Argentina

Richard **Ransohoff** MD
Neuroinflammation Research Center, Lerner Research
Institute

Serge **Rivest** MD
Molecular Endocrinology, Laval University, Quebec, Canada

Abdolmohamad **Rostami** MD, PhD
Thomas Jefferson University, Philadelphia, PA, USA

Alexander **Rudensky** PhD
Memorial SloanKettering Cancer Center, New York, NY, USA

Stephen **Sawcer** PhD
Clinical Neuroscience, University of Cambridge, UK

Michal **Schwartz** MD, PhD
Dept of Immunology, Weizmann Institute of Science,
Rehovot

Carla **Shatz** PhD
Director of BioX - Professor of Biology and Neurobiology
Stanford University

Anthony **Slavin** PhD
Dept. of Immunology & Inflammation at Boehringer
Ingelheim Pharmaceuticals

Evan **Snyder** MD, PhD
Stem Cells and Regenerative Biology Program Sanford-
Burnham, CA Usa

Peter **Stys** MD
Department of Clinical Neurosciences, University of Calgary,
Canada

Antonio **Uccelli** MD
Neuroscience, Ophthalmology and Genetics, University of
Genoa, Italy

Pablo **Villoslada** MD, PhD
Departamento de Neuroinmunología, Hospital Clínic

Angela **Vincent** MBBS
Nuffield Department of Clinical Neurosciences, University of
Oxford

Ulrich **von Andrian** PhD
Immune Disease Institute, Harvard Medical School, Boston

Ari **Waisman** PhD
Dept. of Neurology, Johannes Gutenberg University, Mainz,
Germany

Howard **Weiner** MD
Professor of Neurology, Harvard Medical School, Brigham &
Women's Hospital, Boston MA USA

Hartmut **Wekerle** MD
Max Plank Institute of Neurobiology, Munich, Germany

Michael **Weller** MD
Neurology, University Hospital Zurich, Switzerland

Hugh **Willison** MBChB, PhD
University of Glasgow, Institute of Infection, Immunity and
Inflammation

Tony **Wyss-Coray** PhD
Professor, Neurology & Neurological Sciences - Stanford
School of Medicine

V. Wee **Yong** PhD
University of Calgary, Faculty of Medicine

Scott **Zamvil** MD, PhD
Neurology Dept., University of California, San Francisco, CA, USA

Frauke **Zipp** MD
Dept. of Neurology, Johannes Gutenberg University, Mainz,
Germany



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



12th ESNI COURSE European School of NeuroImmunology

Sunday, November 4th, 2012

Introduction to the course9.15 - 9.30 (America Ballroom)

G. Martino, H. Willison

Morning Session9.30am - 1.00pm (America Ballroom)

570 - MONOCYTE TRAFFICKING TO THE CNS: WHEN, HOW AND WHAT HAPPENS NEXT

Richard M. Ransohoff ⁽¹⁾ - Haiyan Lu ⁽¹⁾ - Ryo Yamasaki ⁽²⁾ - Nick Varvel ⁽³⁾ - Sungho Lee ⁽⁴⁾ - Anna Rietsch ⁽¹⁾ - Lindsey Uhlein ⁽¹⁾ - Matthias Jucker ⁽³⁾ - Bruce Lamb ⁽⁴⁾09:30
Neuroinflammation Research Center, Lerner Research Institute, Cleveland Clinic, Cleveland, United States ⁽¹⁾ - Neuroinflammation Research Center, Lerner Research Institute, Cleveland Clinic, Cleveland, United States ⁽²⁾ - Cellular Neurology, Hertie Institute For Clinical Brain Research, Tuebingen, Germany ⁽³⁾ - Neurosciences, Lerner Research Institute, Cleveland Clinic, Cleveland, United States ⁽⁴⁾

THE ROLE OF IMMUNE GENES IN THE CNS

David Hafler10:15

COFFEE BREAK 11:00 - 11:30

557 - IMMUNE REGULATION IN CNS AUTOIMMUNITY

Ari Waisman ⁽¹⁾11:30
Institute For Molecular Medicine, University Medical Center Mainz, Mainz, Germany ⁽¹⁾

148 - UNEXPECTED ROLE FOR MHCI AND PIRB IN SYNAPTIC REMODELING DURING BRAIN DEVELOPMENT

Carla Shatz ⁽¹⁾12:15
Stanford, University, Stanford Ca, United States ⁽¹⁾

LUNCH BREAK 13:00 - 14:30

Afternoon Session2.30pm - 6.00pm (America Ballroom)

579 - USE AND ABUSE OF ANIMAL MODELS OF MULTIPLE SCLEROSIS

David Baker14:30

THE ROLE OF IMMUNITY IN PSYCHIATRIC DISORDERS

Thaddeus Pace15:15

COFFEE BREAK 16:00 - 16:30

548 - BRAIN IMAGING IN INFECTION

Dorian McGavern ⁽¹⁾16:30
Ninds / Nih, Ninds / Nih, Bethesda, United States ⁽¹⁾

IMMUNITY AND BRAIN PLASTICITY IN NEURODEGENERATION

Michal Schwartz17:15



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Monday, November 5th, 2012

Welcome Addresses8.15am - 8.30am - Plenary Session (America Ballroom)

T. Olsson, S. Khoury08:15

Visualizing the brain and immune systemPlenary Symposium 1 (America Ballroom)

IDENTIFICATION OF A UNIQUE microRNA/GENETIC SIGNATURE IN MOUSE AND HUMAN ADULT MICROGLIA AND THEIR ROLE IN NEUROLOGIC DISEASES

Howard Weiner08:30

GeneticsPlenary Symposium 2 (America Ballroom)

568 - A CLINICAL PERSPECTIVE ON THE GENETICS OF MULTIPLE SCLEROSIS AND MYASTHENIA GRAVIS

Hanne F Harbo ⁽¹⁾09:15

Department Of Neurology, Oslo University Hospital And University Of Oslo, Oslo, Norway ⁽¹⁾

COFFEE BREAK 10:00 - 10:30

Intravital two-photon imaging in the CNS.....10.30am - 12.00pm - Room A (Concurrent Symposia 1)

Chair: A. Flügel, M. Kerschensteiner

564 - IMAGING CELLULAR, SUBCELLULAR AND MOLECULAR MECHANISMS OF NEUROINFLAMMATORY AXON DAMAGE IN VIVO

Martin Kerschensteiner ⁽¹⁾10:30

Institute Of Clinical Neuroimmunology, Ludwig-maximilians University Munich, Munich, Germany ⁽¹⁾

553 - LIVE SUPERRESOLUTION IMAGING OF BRAIN SYNAPSES BY STED MICROSCOPY

U. Valentin Nägerl ⁽¹⁾10:55

Institut Interdisciplinaire De Neurosciences, Cnrs / Université Bordeaux Segalen, Bordeaux, France ⁽¹⁾

Ulrich von Andrian11:15

569 - THE LUNG AS CHECKPOINT FOR ENCEPHALITOGENIC T CELLS

Alexander Flügel ⁽¹⁾11:40

Institute For Ms Research / Dept. Of Neuroimmunology, University Medical Center Göttingen, Göttingen, Germany ⁽¹⁾

B-Cells in neuroimmune disease10.30am - 12.00pm - Room B (Concurrent Symposia 2)

Chair: A. Bar-Or, S. Zamvil

561 - COOPERATION BETWEEN T CELLS AND B CELLS: LESSONS FROM NMO AND EAE

Scott S. Zamvil ⁽¹⁾10:30

University Of California San Francisco, University Of California San Francisco, San Francisco, Stati Uniti D' America ⁽¹⁾

551 - B CELLS IN MULTIPLE SCLEROSIS: WHO, WHAT, WHEN AND WHERE?

Amit Bar-Or ⁽¹⁾11:00

Montreal Neurological Institute, Mcgill University And Mcgill University Hospital Center, Montreal, Canada ⁽¹⁾

563 - ANTIBODIES AND T-CELL MECHANISMS IN PARANEOPLASTIC AND AUTOIMMUNE ENCEPHALITIS

Josep Dalmau ⁽¹⁾11:30

Icrea-idibaps, Hospital Clinic, University Of Barcelona, Barcelona, Spain ⁽¹⁾



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Monday, November 5th, 2012

Genotype/Phenotype10.30am - 12.00pm - Room C (Concurrent Symposia 3)

Chair: S. Sawcer

546 - COMPLEX MOLECULAR PHENOTYPES AND MEDICAL RISKS REVEALED BY INTEGRATIVE PERSONALIZED OMICS PROFILE ANALYSIS

Rui Chen ⁽¹⁾ - George Mias ⁽¹⁾ - Jennifer Li-pook-than ⁽¹⁾ - Lihua Jiang ⁽¹⁾ - Hugo Lam ⁽¹⁾ - Dan Xie ⁽¹⁾ - Kimberly Kukurba ⁽¹⁾ - Rong Chen ⁽¹⁾ - Hua Tang ⁽¹⁾ - Michael Snyder ⁽¹⁾10:30

Stanford University, Stanford University, Stanford, United States ⁽¹⁾

536 - IMPLICATIONS OF THE ALZHEIMER'S DISEASE RISK LOCUS, CD33, IN MONOCYTE FUNCTION

Elizabeth Bradshaw ⁽¹⁾ - Brendan Keenan ⁽²⁾ - Linda Ottoboni ⁽¹⁾ - Anna Tang ⁽¹⁾ - Wassim El Yaman ⁽¹⁾ - Alina Von Korff ⁽²⁾ - Julie Schneider ⁽³⁾ - David Bennett ⁽³⁾ - Philip De Jager ⁽²⁾11:00

Center For Neurologic Diseases, Brigham And Women's Hospital, Harvard Medical School, Boston, United States ⁽¹⁾ - Program In Translational Neuropsychiatric Genomics, Institute For The Neurosciences, Departments Of Neurology And Psychiatry, Brigham And Women's Hospital, Boston, United States ⁽²⁾ - Rush Alzheimer's Disease Center, Department Of Behavioral Sciences, Rush University Medical Center, Chicago, United States ⁽³⁾

578 - SEARCHING FOR CAUSAL FACTORS IN GENETIC ASSOCIATIONS WITH MULTIPLE SCLEROSIS TO ANALYZE PATHOGENESIS

Francesco Cucca11:30

Istituto di ricerca genetica e biomedica, CNR, Monserrato, Italy

LUNCH BREAK 12:00 - 13:00

The Dale McFarlin Lecture1.00pm - 2.00pm - Plenary Lecture 1 (America Ballroom)

540 - THE NATURE OF MULTIPLE SCLEROSIS

Alastair Compston ⁽¹⁾13:00

Department Of Clinical Neurosciences, Univeristy Of Cambridge, Cambridge, United Kingdom ⁽¹⁾

B cell and antibodies2.00pm - 3.30pm - Room A (Oral Presentations 1)

R. Liblau, B. Bielekova

36 - ENDOGENOUS MYELIN-SPECIFIC ANTIBODIES MEDIATE DEMYELINATION AND TRIGGER SPONTANEOUS CNS AUTOIMMUNE DISEASE IN THE ABSENCE OF MYELIN-SPECIFIC B CELLS

Klaus Lehmann-horn ⁽¹⁾ - Deetje Hertenberg ⁽¹⁾ - Claude C. Bernard ⁽²⁾ - Scott S. Zamvil ⁽³⁾ - Bernhard Hemmer ⁽¹⁾ - Martin S. Weber ⁽¹⁾ ...14:00

Department Of Neurology, Technische Universität München, Munich, Germany ⁽¹⁾ - Monash Immunology And Stem Cell Laboratories, Monash University, Clayton, Australia ⁽²⁾ - Department Of Neurology And Program In Immunology, University Of California, San Francisco, San Francisco, United States ⁽³⁾

57 - CLONALLY EXPANDED AND AUTOANTIBODY PRODUCING B CELLS ARE PRESENT BOTH IN PERIPHERAL BLOOD AND CEREBROSPINAL FLUID OF MULTIPLE SCLEROSIS PATIENTS

Judith Fraussen ⁽¹⁾ - Kathleen Vrolix ⁽²⁾ - Pilar Martinez-martinez ⁽²⁾ - Mario Losen ⁽²⁾ - Luisa M Villar ⁽³⁾ - Raymond Hupperts ⁽²⁾ - Bart Van Wijmeersch ⁽¹⁾ - Marc H De Baets ⁽²⁾ - Piet Stinissen ⁽¹⁾ - Veerle Somers ⁽¹⁾14:15

Biomedical Research Institute, Hasselt University, Diepenbeek, Belgium ⁽¹⁾ - Department Of Neuroscience, School Of Mental Health And Neuroscience, Maastricht University, Maastricht, Netherlands ⁽²⁾ - Department Of Immunology, Hospital Ramón Y Cajal, Madrid, Spain ⁽³⁾

58 - SOMATIC HYPERMUTATION OF INTRATHECAL IgM-PRODUCING B CELLS IN MULTIPLE SCLEROSIS PATIENTS

Eduardo Beltrán ⁽¹⁾ - Birgit Obermeier ⁽²⁾ - Francisco Coret ⁽³⁾ - María Simó-castelló ⁽¹⁾ - Isabel Bosca ⁽¹⁾ - Luisa M. Villar ⁽⁴⁾ - Harmut Wekerle ⁽²⁾ - Reinhard Hohlfeld ⁽⁵⁾ - Klaus Dornmair ⁽⁵⁾ - Bonaventura Casanova ⁽¹⁾14:30

Multiple Sclerosis Unit, Hospital Universitari I Politècnic La Fe, Valencia, Spain ⁽¹⁾ - Department Of Neuroimmunology, Max-planck-institute Of Neurobiology, Martinsried, Germany ⁽²⁾ - Neurology Department, Clinic University Hospital, Valencia, Spain ⁽³⁾ - Department Of Immunology, Hospital Ramón Y Cajal, Madrid, Spain ⁽⁴⁾ - Institute Of Clinical Neuroimmunology, Ludwig-maximilians-university, Munich, Germany ⁽⁵⁾



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Monday, November 5th, 2012

145 - B-CELLS AS OBLIGATORY APC IN THE MARMOSSET EAE MODEL

Anwar Jagessar ⁽¹⁾ - Nicole Heijmans ⁽¹⁾ - Erwin Blezer ⁽²⁾ - Jan Bauer ⁽³⁾ - Jon Laman ⁽⁴⁾ - Niels Hellings ⁽⁵⁾ - Bert 't Hart ⁽⁶⁾14:45
Dept. Immunobiology, Biomedical Primate Research Centre, Rijswijk, Netherlands ⁽¹⁾ - Image Science Institute, University Medical Center Utrecht, Utrecht, Netherlands ⁽²⁾ - Dept. Of Neuroimmunology, Medical University Of Vienna, Vienna, Austria ⁽³⁾ - Dept. Immunology, Erasmus Mc, Rotterdam, Netherlands ⁽⁴⁾ - Biomedical Research Institute, Hasselt University, Diepenbeek, Belgium ⁽⁵⁾ - Dept. Immunobiology, Biomedical Primate Research Centre, Rijswijk, Netherlands ⁽⁶⁾

224 - DIFFERENTIAL ROLES OF CXCR3 LIGANDS IN TRAFFICKING OF ANTIBODY SECRETING CELLS DURING VIRAL ENCEPHALOMYELITIS

Timothy Phares ⁽¹⁾ - Stephen Stohlman ⁽¹⁾ - Cornelia Bergmann ⁽¹⁾15:00
Lerner Research Institute, Cleveland Clinic, Cleveland, United States ⁽¹⁾

423 - ASTROCYTIC AUTOANTIBODY OF NEUROMYELITIS OPTICA (NMO-IgG) BINDS TO AQUAPORIN-4 EXTRACELLULAR LOOPS, MONOMERS, TETRAMERS AND HIGH ORDER ARRAYS

Raffaele Iorio ⁽¹⁾ - James P. Fryer ⁽²⁾ - Shannon R. Hinson ⁽²⁾ - Petra Fallier-becker ⁽³⁾ - Hartwig Wolburg ⁽³⁾ - Sean J. Pittock ⁽¹⁾ - Vanda A. Lennon ⁽⁴⁾15:15
Departments Of Laboratory Medicine And Pathology, Neurology, Mayo Clinic, Rochester, Mn, United States ⁽¹⁾ - Department Of Laboratory Medicine And Pathology, Mayo Clinic, Rochester, Mn, United States ⁽²⁾ - Institute Of Pathology And Neuropathology, University Of Tübingen, Tübingen, Germany ⁽³⁾ - Departments Of Laboratory Medicine And Pathology, Neurology, Immunology, Mayo Clinic, Rochester, Mn, United States ⁽⁴⁾

Blood Brain Barrier.....2.00pm - 3.30pm - Room B (Oral Presentations 2)

Chair: T. Owens, A. Prat

15 - ENDOTHELIAL miR-155 PROMOTES BLOOD-BRAIN BARRIER DYSFUNCTION IN NEUROINFLAMMATION

Miguel Alejandro Lopez-ramirez ⁽¹⁾ - Dongsheng Wu ⁽¹⁾ - Gareth Pryce ⁽²⁾ - Julie E. Simpson ⁽³⁾ - Arie Reijerkerk ⁽⁴⁾ - Josh King-robson ⁽²⁾ - Helga E. De Vries ⁽⁴⁾ - Mark C. Hirst ⁽¹⁾ - Basi Sharrack ⁽⁵⁾ - David Baker ⁽²⁾ - Gregory J. Michael ⁽²⁾ - David K. Male ⁽¹⁾ - Ignacio A. Romero ⁽¹⁾14:00
Department Of Life, Health And Chemical Sciences, The Open University, Milton Keynes, United Kingdom ⁽¹⁾ - Barts And The London School Of Medicine And Dentistry, Queen Mary, University Of London, London, United Kingdom ⁽²⁾ - Academic Unit Of Pathology, Department Of Neuroscience, University Of Sheffield, Sheffield, United Kingdom ⁽³⁾ - Blood-brain Barrier Research Group, Molecular Cell Biology And Immunology, Vu University Medical Center, Amsterdam, United Kingdom ⁽⁴⁾ - Department Of Neurology, Sheffield Teaching Hospitals Nhs Trust, University Of Sheffield, Sheffield, United Kingdom ⁽⁵⁾

160 - ABC TRANSPORTERS: NOVEL REGULATORS OF NEUROINFLAMMATION

Gijs Kooij ⁽¹⁾ - Mark Mizze ⁽¹⁾ - Arie Reijerkerk ⁽¹⁾ - Jack Van Horssen ⁽¹⁾ - Helga E. De Vries ⁽¹⁾14:15
Ms Center Amsterdam, Vu University Medical Center Amsterdam, Amsterdam, Netherlands ⁽¹⁾

162 - microRNAs CONTROL BRAIN ENDOTHELIAL CELL BARRIER FUNCTION AND IMMUNE QUIESCENCE, IMPLICATIONS FOR MS

Arie Reijerkerk ⁽¹⁾ - Miguel Lopes Ramirez ⁽²⁾ - Ignacio Romero ⁽³⁾ - **Elga De Vries** ⁽¹⁾14:30
Ms Center Amsterdam, Vu University Medical Center, Amsterdam, Netherlands ⁽¹⁾ - Department Of Life Sciences, The Open University, Milton Keynes, United Kingdom ⁽²⁾ - Department Of Life Sciences, The Open University, Milton Keynes, - ⁽³⁾

193 - SPHINGOSINE 1-PHOSPHATE RECEPTOR 5 MEDIATES THE IMMUNE QUIESCENCE OF THE HUMAN BRAIN ENDOTHELIAL BARRIER

Ruben Van Doorn ⁽¹⁾ - **Melissa Pinheiro** ⁽¹⁾ - Elizabeth Van Der Kam ⁽²⁾ - Eric Ronken ⁽³⁾ - Arie Reijerkerk ⁽¹⁾ - Helga De Vries ⁽¹⁾14:45
Department Of Molecular Cell Biology And Immunology, Vu University Medical Center, Amsterdam, Netherlands ⁽¹⁾ - Department Of Pharmacology, Abbott GmbH & Co Kg, Ludwigshafen, Germany ⁽²⁾ - Spinoza Centre For Neuroimaging, Netherlands Institute For Neuroscience (nin), Amsterdam, Netherlands ⁽³⁾

358 - JUNCTIONAL ADHESION MOLECULE (JAM)-A CONTRIBUTES TO MONOCYTE BUT NOT T CELL MIGRATION ACROSS THE BLOOD-BRAIN BARRIER INFLUENCING CLINICAL SEVERITY OF EAE.....15:00

Julia Schäfer ⁽¹⁾ - Rémy Boscacci ⁽¹⁾ - Claudia Blatti ⁽¹⁾ - Ruth Lyck ⁽¹⁾ - Elisabetta Dejana ⁽²⁾ - Urban Deutsch ⁽¹⁾ - **Britta Engelhardt** ⁽¹⁾
Theodor Kocher Institute, University of Bern, Bern, Switzerland ⁽¹⁾ - IFOM-IEO Campus, IFOM-IEO Campus, Milan, Italy ⁽²⁾





SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Monday, November 5th, 2012

419 - LESION FORMATION IN MS AND SPONTANEOUS EAE IS ASSOCIATED WITH EARLY DISTURBANCES IN THE BLOOD BRAIN BARRIER
Simone Terouz ⁽¹⁾ - Olivia Saint-laurent ⁽¹⁾ - Alisha Goldschalk ⁽¹⁾ - Lyne Bourbonniere ⁽¹⁾ - **Jorge Alvarez** ⁽¹⁾15:15
Centre Hospitalier De L'universite De Montreal, Neurosciences, Montreal, Canada ⁽¹⁾

Innate Immune System2.00pm - 3.30pm - Room C (Oral Presentations 3)

Chair: M. Carson, V. Yong

295 - IL-27 SIGNALING IN MICROGLIA

Marta Olah ⁽¹⁾ - Bing Zhu ⁽¹⁾ - Ribal Bassil ⁽¹⁾ - Wassim Elyaman ⁽¹⁾ - Samia J. Khoury ⁽¹⁾14:00
Center For Neurologic Diseases, Brigham And Women's Hospital, Boston, United States ⁽¹⁾

409 - THE HUMAN NEUROINFLAMMASOME IS ACTIVATED BY HIV-1 INFECTION: MICROGLIA CONTAIN REQUISITE INFLAMMASOME COMPONENTS

John G. Walsh ⁽¹⁾ - William Branton ⁽¹⁾ - Christopher Power ⁽¹⁾14:15
Department Of Medicine, University Of Alberta, Edmonton, Canada ⁽¹⁾

133 - ORCHESTRATED MONOCYTE TRAFFICKING VIA THE BLOOD-CEREBROSPINAL FLUID-BARRIER FOLLOWING SPINAL CORD INJURY

Ravid Shechter ⁽¹⁾ - Omer Miller ⁽¹⁾ - Gili Yovel ⁽¹⁾ - Neta Rosenzweig ⁽¹⁾ - Anat London ⁽¹⁾ - Julia Rist ⁽¹⁾ - Ki-wook Kim ⁽²⁾ - Steffen Jung ⁽²⁾ - Michal Schwartz ⁽¹⁾14:30
Department Of Neurobiology, The Weizmann Institute Of Science, Rehovot, Israel ⁽¹⁾ - Department Of Immunology, The Weizmann Institute Of Science, Rehovot, Israel ⁽²⁾

207 - PRIMARY MICROGLIA LACK STRICT REGULATION OF INFLAMMASOME-MEDIATED ACTIVATION AS COMPARED TO MYELOID MACROPHAGES

Saskia Burm ⁽¹⁾ - Céline Van Der Putten ⁽¹⁾ - Ella Zuiderwijk-sick ⁽¹⁾ - Linda Van Straalen ⁽¹⁾ - Sandra Amor ⁽²⁾ - Paul Van Der Valk ⁽²⁾ - Jack Van Horssen ⁽³⁾ - Jeffrey Bajramovic ⁽¹⁾14:45
Unit Alternatives, Biomedical Primate Research Centre, Rijswijk, Netherlands ⁽¹⁾ - Department Of Pathology, Vu Medical Centre, Amsterdam, Netherlands ⁽²⁾ - Department Of Molecular Cell Biology And Immunology, Vu Medical Centre, Amsterdam, Netherlands ⁽³⁾

307 - LPS-INDUCED MICROGLIAL ACTIVATION AND NEUROPROTECTION AGAINST EXPERIMENTAL BRAIN INJURY IS INDEPENDENT OF HEMATOGENOUS TLR4

Zhihong Chen ⁽¹⁾ - Walid Jalabi ⁽¹⁾ - Karl Shpargel ⁽¹⁾ - Ken Farabaugh ⁽¹⁾ - Ranjan Dutta ⁽¹⁾ - Grahame Kidd ⁽¹⁾ - Cornelia Bergmann ⁽¹⁾ - Stephen Stohlman ⁽¹⁾ - Bruce Trapp ⁽¹⁾15:00
Lerner Research Institute, Cleveland Clinic, Cleveland, United States ⁽¹⁾

475 - IFIT2 MEDIATES PROTECTION FROM MURINE HEPATITIS VIRUS INDUCED ENCEPHALOMYELITIS THROUGH AMPLIFICATION OF TYPE I INTERFERON EXPRESSION.

Niranjan B Butchi ⁽¹⁾ - David R Hinton ⁽²⁾ - Stephen A Stohlman ⁽¹⁾ - Volker Fensterl ⁽³⁾ - Ganes C Sen ⁽³⁾ - Cornelia C Bergmann ⁽¹⁾15:15
Department Of Neuroscience, Lerner Research Institute, Cleveland Clinic, Cleveland, Oh, United States ⁽¹⁾ - Department Of Pathology, Keck School Of Medicine, University Of Southern California, Los Angeles, Ca, United States ⁽²⁾ - Department Of Molecular Genetics, Lerner Research Institute, Cleveland Clinic, Cleveland, Oh, United States ⁽³⁾

Technology Talk 1Plenary Talk 1 (America Ballroom)

DEFINING TRANSCRIPTIONAL PROGRAM AND DEVELOPMENT OF KINETIC NETWORKS FOR DENDRITIC CELL ACTIVATION;

Nir Hacohen15:30



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Monday, November 5th, 2012

PS 1: B cells and antibodies16:30 - 17:30 Poster & Coffee Break (Staffordshire and St. George)

228 - EFFECTS OF SEX AND AGE ON ANTIBODIES TO THE ACETYLCHOLINE RECEPTOR.

Florencia Aguirre⁽¹⁾ - Luciana Irina Melamud⁽¹⁾ - Andres Maria Villa⁽¹⁾

Seccion De Neuroinmunologia Y Electrofisiologia, Hospital Ramos Mejia, Buenos Aires, Argentina⁽¹⁾

374 - INVESTIGATING NOVEL AUTOANTIBODIES IN CNS DEMYELINATING DISEASES

Harry Alexopoulos⁽¹⁾ - Ioanna Chatzi⁽¹⁾ - Penny Fouka⁽¹⁾ - Sofia Akrivou⁽¹⁾ - Clementine Karageorgiou⁽²⁾ - Panagiotis Politis⁽³⁾ - Marinos Dalakas⁽¹⁾
Neuroimmunology Unit, Department Of Pathophysiology, University Of Athens, Athens, Greece⁽¹⁾ - Department Of Neurology, "g.genimatas" General Hospital, Athens, Greece⁽²⁾ - Department Of Histology, Biomedical Sciences Research Center, Academy Of Athens, Athens, Greece⁽³⁾

297 - TRANSCRIPTOME OF B LYMPHOCYTES IN MULTIPLE SCLEROSIS

Viviana Annibali⁽¹⁾ - Renato Umeton⁽²⁾ - Anita Annese⁽²⁾ - Antonia Palermo⁽²⁾ - Rosella Mechelli⁽²⁾ - Claudia Policano⁽²⁾ - Gianluca Mattei⁽²⁾ - Vito A.g. Ricigliano⁽²⁾ - Silvia Romano⁽²⁾ - Giulia Coarelli⁽²⁾ - Giovanni Ristori⁽²⁾ - **Marco Salvetti**⁽¹⁾
Centre For Experimental Neurological Therapies-department Of Neuroscie⁽¹⁾ - Centre For Experimental Neurological Therapies-department Of Neurosciences, Mental Health And Sensory Organs, Sapienza University, Rome, Italy⁽²⁾

109 - B-CELL ACTIVATION AND TREATMENT EFFECTS IN MULTIPLE SCLEROSIS

Lars Börnsen⁽¹⁾ - Jeppe Romme Christensen⁽¹⁾ - Rikke Ratzer⁽¹⁾ - Helle Bach Søndergaard⁽¹⁾ - Per Soelberg Sørensen⁽¹⁾ - Finn Selleberg⁽¹⁾
Danish Multiple Sclerosis Center, University Hospital Copenhagen Rigshospitalet, Copenhagen, Denmark⁽¹⁾

55 - MATERNAL AUTOIMMUNITY, BRAIN-REACTIVE ANTIBODIES AND AUTISM SPECTRUM DISORDER

Lior Brimberg⁽¹⁾ - Peter, K. Gregersen⁽¹⁾ - Betty Diamond⁽¹⁾

Feinstein Institute For Medical Research, North-shore University Hospital, Manhasset, United States⁽¹⁾

85 - A NEW SENSITIVE ELISA FOR AQUAPORIN-4 AUTOANTIBODIES BASED ON M23 ISOFORM AQUAPORIN-4

Shu Chen⁽¹⁾ - Jakub Fichna⁽¹⁾ - Rachel Mackenzie⁽¹⁾ - Maria Del Pilar Larosa⁽¹⁾ - Ian Matthews⁽¹⁾ - Michael Gamble⁽¹⁾ - Stuart Baker⁽¹⁾ - Jadwiga Furmaniak⁽¹⁾ - Bernard Rees Smith⁽¹⁾

Firs Laboratories, Rsr Ltd, ., Cardiff, United Kingdom⁽¹⁾

432 - ANTIBODIES AGAINST NEUROFASCIN CORRELATE WITH DISEASE SEVERITY IN DIFFERENT MODELS OF EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS

Sevasti Flytzani⁽¹⁾ - Pernilla Stridh⁽¹⁾ - Andre Ortlieb⁽¹⁾ - Christopher Linington⁽²⁾ - Maren Lindner⁽²⁾ - Maja Jagodic⁽¹⁾ - Tomas Olsson⁽¹⁾

Karolinska Institute, Karolinska University Hospital, Stockholm, Sweden⁽¹⁾ - Institute Of Immunology, Immunity And Infection, University Of Glasgow, Glasgow, United Kingdom⁽²⁾

454 - ACTIVE DEMYELINATION TRIGGERED BY SWITCHING FROM AZATHIOPRINE TO FINGOLIMOD IN A PATIENT WITH MULTIPLE SCLEROSIS CHARACTERIZED BY RECURRENT OPTIC NEURITIS: A CASE REPORT.

Dayna Griffiths⁽¹⁾ - Ronald Joffe⁽¹⁾ - David Brazier⁽²⁾ - John Parratt⁽³⁾

Department Of Neurology, Royal North Shore Hospital, Sydney, Australia⁽¹⁾ - Department Of Radiology, Royal North Shore Hospital, Sydney, Australia⁽²⁾ - Department Of Neurology, Royal North Shore Hospital, University Of Sydney, Sydney, Australia⁽³⁾

379 - A NOVEL GM-CSF+ TNF α HIGH IL-6HIGH IL-10- HUMAN B CELL SUBSET IS ABNORMALLY INCREASED IN PATIENTS WITH MS

Rui Li⁽¹⁾ - Yusei Miyazaki⁽¹⁾ - Lorna Galleguillos Goiry⁽¹⁾ - Sarah Lawrie⁽¹⁾ - Sathy Rajasekharan⁽¹⁾ - **Amit Bar-or**⁽¹⁾

Montreal Neurological Institute, McGill University, Montreal, Canada⁽¹⁾

147 - ROLE OF B CELLS IN T CELL-MEDIATED AUTOIMMUNITY OF THE CENTRAL NERVOUS SYSTEM

Meike Mitsdoerffer⁽¹⁾ - Joujin Lee⁽²⁾ - Estelle Bettelli⁽³⁾ - Vijay Kuchroo⁽²⁾

Technical University Munich, Rechts Der Isar/departement Of Neurology, Munich, Germany⁽¹⁾ - Harvard Medical School, Brigham And Women's Hospital/center For Neurologic Diseases, Boston, United States⁽²⁾ - Benaroya Research Institute, Immunology Program, Seattle, United States⁽³⁾

49 - PROGRESSIVE ENCEPHALOMYELITIS WITH RIGIDITY AND MYOCLONUS: A SYNDROME WITH DIVERSE CLINICAL FEATURES AND ANTIBODY RESPONSES

Ece ERDAG⁽¹⁾ - Erdem TUZUN⁽²⁾ - Gulsen AKMAN-DEMIR⁽³⁾ - Erkingul Shugaiv⁽¹⁾ - Elcin SEHITOGLU⁽⁴⁾ - Filiz CAVUS⁽⁴⁾ - Elif UGUREL⁽⁴⁾ - Canan ULUSOY⁽²⁾ - Selin TURAN⁽²⁾ - Murat KURTUNCU⁽⁵⁾ - Burcak VURAL⁽⁴⁾

Department of Neurology, Istanbul University, Faculty of Medicine, Istanbul, Turkey⁽¹⁾ - Institute for Experimental Medicine, Neurosciences Department, Istanbul University, Faculty of Medicine, Istanbul, Turkey⁽²⁾ - Department of Neurology, Istanbul Bilim University, School of Medicine, Istanbul, Turkey⁽³⁾ - Institute for Experimental Medicine, Genetics Department, Istanbul University, Faculty of Medicine, Istanbul, Turkey⁽⁴⁾ - Department of Neurology, Acibadem University, School of Medicine, Istanbul, Turkey⁽⁵⁾



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Monday, November 5th, 2012

120 - CEREBROSPINAL FLUID LEVELS OF THE “B-CELL MATURATION ANTIGEN” (BCMA, TNFSRF17) ARE INCREASED IN MS AND CORRELATE WITH B CELLS

Andre Mueller ⁽¹⁾ - Saud Sadiq ⁽¹⁾

Msrcny, Multiple Sclerosis Research Center Of New York, New York, United States ⁽¹⁾

345 - DIAGNOSTIC EFFICACY OF THE FLOW CYTOMETRIC AQUAPORIN-4 AUTOANTIBODY ASSAY: COMPARISON WITH CONVENTIONAL CELL BASED ASSAY

Kyung Seok Park ⁽¹⁾ - Sung-min Kim ⁽¹⁾ - Kwang-woo Lee ⁽¹⁾ - Yoo-jin Kim ⁽²⁾ - Kyeong Cheon Jung ⁽²⁾

Dept. Of Neurology, College Of Medicine, Seoul National University, Seoul, Korea, Republic Of ⁽¹⁾ - Dept. Of Pathology, College Of Medicine, Seoul National University, Seoul, Korea, Republic Of ⁽²⁾

182 - B CELLS INFLUENCE T CELL EXPANSION DURING THE INITIATION OF INFLAMMATION IN EAE

Emily Pierson ⁽¹⁾ - Joan Goverman ⁽¹⁾

Dept Of Immunology, University Of Washington, Seattle, United States ⁽¹⁾

417 - MOESIN IS A POSSIBLE TARGET MOLECULE IN CYTOMEGALOVIRUS-RELATED GUILLAIN-BARRE SYNDROME

Setsu Sawai ⁽¹⁾

Department Of Molecular Diagnosis, Graduate School Of Medicine, Chiba University, Chiba, Japan ⁽¹⁾

518 - RITUXIMAB TREATMENT IN A GIRL WITH VOLTAGE-GATED POTASSIUM-CHANNEL ASSOCIATED FIRES (FEVER-INDUCED REFRACTORY EPILEPTIC ENCEPHALOPATHY IN SCHOOL-AGED CHILDREN)

Ariane Soldatos ⁽¹⁾ - Mark Gorman ⁽¹⁾

Children’s Hospital Boston, Harvard University, Boston, United States ⁽¹⁾

276 - SYSTEMIC AUTOIMMUNITY IN AN ARGENTINEAN COHORT OF NEUROMYELITIS OPTIC PATIENTS AND ITS CLINICAL IMPACT

Andres Villa ⁽¹⁾ - Florencia Aguirre ⁽²⁾ - Sandra Vanotti ⁽¹⁾ - Santiago Claverie ⁽¹⁾ - Luciana Melamud ⁽³⁾

Seccion De Neuroinmunologia Y Electrofisiologia, Hospital Ramos Mejia. Universidad De Buenos Aires, Buenos Aires, Argentina ⁽¹⁾ - Seccion De Neuroinmunologia Y Electrofisiologia, Hospital Ramos Mejia. Universidad De Buenos Aires, Buenos Aires, Argentina ⁽²⁾ - Seccion De Neuroinmunologia Y Electrofisiologia, Hospital Ramos Mejia. Universidad De Buenos Aires, Buenos Aires, Argentina ⁽³⁾

361 - IDENTIFICATION OF VIRUS INFECTION INDUCED OR MODIFIED CELLULAR PROTEINS AS A TARGET FOR HUMORAL IMMUNE RESPONSE IN MULTIPLE SCLEROSIS

Jussi Oskari Virtanen ⁽¹⁾ - Howard Jaffe ⁽¹⁾ - Steve Jacobson ⁽¹⁾

Ninds, Nih, Bethesda, United States ⁽¹⁾

479 - CONDITIONAL MHCII EXPRESSION REVEALS A SELECTIVE ROLE FOR B CELL ANTIGEN PRESENTATION IN AUTOIMMUNE ENCEPHALOMYELITIS

Angela Archambault ⁽¹⁾

Washington University In St. Louis, School Of Medicine, St. Louis, United States ⁽¹⁾

PS 2: Biomarkers16:30 - 17:30 Poster & Coffee Break (Staffordshire and St. George)

514 - MYELIN BASIC PROTEIN AND NEUROFILAMENT AS BIOMARKERS OF TREATMENT RESPONSE IN A PHASE II ADD-ON TRIAL OF RITUXIMAB FOR RELAPSING MULTIPLE SCLEROSIS

Enrique Alvarez ⁽¹⁾ - Laura Piccio ⁽¹⁾ - Nhial Tutlam ⁽¹⁾ - Robert J. Mikesell ⁽¹⁾ - Neville S. Rapp ⁽¹⁾ - Samantha Lancia ⁽¹⁾ - Becky J. Parks ⁽¹⁾ - Robert J. Naismith ⁽¹⁾ - Anne H. Cross ⁽¹⁾

Washington University In Saint Louis, Washington University School Of Medicine, Saint Louis, United States ⁽¹⁾

65 - NOVEL DIFFUSIONAL KURTOSIS IMAGING METRICS OF DEMYELINATION AND NEURODEGENERATION

Cesar Berrios-otero ⁽¹⁾ - Els Fieremans ⁽²⁾ - Jens Jensen ⁽³⁾ - Matilde Inglese ⁽¹⁾

Mount Sinai School Of Medicine, Mount Sinai School Of Medicine, New York, United States ⁽¹⁾ - New York University, New York University, New York, United States ⁽²⁾ - Medical University Of South Carolina, Medical University Of South Carolina, Charleston, United States ⁽³⁾



11th International Congress of Neuroimmunology



SCIENTIFIC PROGRAM

Monday, November 5th, 2012

468 - NEURON SPECIFIC ENOLASE (NSE) AS A VALID MARKER FOR NEURONAL DAMAGE IN MURINE MODELS OF ISCHEMIC STROKE AND EAE

Tristan Daehn ⁽¹⁾ - Mathias Gelderblom ⁽¹⁾ - Benjamin Schattling ⁽²⁾ - Anna Weymar ⁽¹⁾ - Christian Gerloff ⁽¹⁾ - Manuel Frieze ⁽²⁾ - Tim Magnus ⁽¹⁾
Department Of Neurology, University Medical Center Hamburg-eppendorf, Hamburg, Germany ⁽¹⁾ - Center For Molecular Neurobiology Hamburg (zmnh), University Medical Center Hamburg-eppendorf, Hamburg, Germany ⁽²⁾

387 - MYELOID MICROVESICLES AS A PROGNOSTIC BIOMARKER IN CIS PATIENTS CONVERTING TO MS: A 2 YEARS-PROSPECTIVE STUDY

Dacia Dalla Librea ⁽¹⁾ - Alessandra Bergami ⁽¹⁾ - Livia Garzetti ⁽¹⁾ - Mara Rocca ⁽¹⁾ - Vittorio Martinelli ⁽²⁾ - Giancarlo Comi ⁽¹⁾ - Gianvito Martino ⁽¹⁾ - Massimo Filippi ⁽¹⁾ - Claudia Verderio ⁽³⁾ - Roberto Furlan ⁽¹⁾

San Raffaele Scientific Institute, Inspe, Dept Neurology, San Raffaele Hospital, Milan, Italy ⁽¹⁾ - San Raffaele Scientific Institute, Inspe, Dept Neurology, San Raffaele Hospital, Milan, Italy ⁽²⁾ - Institute Of Neuroscience, Cnr, Milano, Italy, Institute Of Neuroscience, Cnr, Milano, Italy, Milan, Italy ⁽³⁾

385 - MYELOID MICROVESICLES AS POTENTIAL BIOMARKER IN PROBABLE ALZHEIMER DISEASE AND OTHER DEMENTIA PATIENTS

Dacia Dalla Libera ⁽¹⁾ - Alessandra Bergami ⁽²⁾ - Federica Agosta ⁽²⁾ - Giuseppe Magnani ⁽²⁾ - Vittorio Martinelli ⁽²⁾ - Giancarlo Comi ⁽³⁾ - Gianvito Martino ⁽²⁾ - Massimo Filippi ⁽²⁾ - Claudia Verderio ⁽³⁾ - Roberto Furlan ⁽³⁾

San Raffaele Scientific Institute, Inspe, Dept Neurology, San Raffaele Hospital, Milan, Italy ⁽¹⁾ - San Raffaele Scientific Institute, Inspe, Dept Neurology, San Raffaele Scientific Institute, Inspe, Dept Neurology, Milan, Italy ⁽²⁾ - San Raffaele Scientific Institute, Inspe, Dept Neurologysan, San Raffaele Scientific Institute, Inspe, Dept Neurologysan, Milan, Italy ⁽³⁾

333 - ANALYSIS OF PERIPHERAL BLOOD MONONUCLEAR CELL PHENOTYPES OF PATIENTS WITH RELAPSING-REMITTING MULTIPLE SCLEROSIS UNDER FINGOLIMOD TREATMENT (0,5MG, ORAL DOSE): A PROSPECTIVE STU

Thomas Dehmel ⁽¹⁾ - Kathleen Wolfram ⁽¹⁾ - Anne Kathrin Mausberg ⁽¹⁾ - Fritz Boege ⁽²⁾ - Hans-peter Hartung ⁽¹⁾ - Maria Diaz-lorente ⁽³⁾ - Bernd Kieseier ⁽¹⁾

Department Of Neurology, Heinrich-heine-university, Düsseldorf, Germany ⁽¹⁾ - Department Of Clinical Chemistry, Heinrich-heine-university, Düsseldorf, Germany ⁽²⁾ - Novartis Pharma Gmbh, Novartis Pharma Gmbh, Nürnberg, Germany ⁽³⁾

96 - BLOOD ADIPOKINES AND THEIR ASSOCIATION TO DISABILITY STATUS AND PROGRESSION INDEX IN MULTIPLE SCLEROSIS: A THREE-YEAR FOLLOW UP STUDY

Renuka Natarajan ⁽¹⁾ - Härmäläinen Mari ⁽²⁾ - Raunio Minna ⁽³⁾ - Eeva Moilanen ⁽²⁾ - **Irina Elovaara** ⁽⁴⁾

Neuroimmunology Unit, Medical School, University Of Tampere, Tampere, Finland ⁽¹⁾ - The Immunopharmacology Research Group, Medical School, University Of Tampere, Tampere, Finland ⁽²⁾ - Department Of Neurology, Tampere University Hospital And Kanta-häme Central Hospital, Tampere, Finland ⁽³⁾ - Department Of Neurology, Neuroimmunology Unit, University Of Tampere And Tampere University Hospital, Tampere, Finland ⁽⁴⁾

48 - SWITCH- ASSOCIATED PROTEIN 70 (SWAP 70) ANTIBODY LEVELS ARE ASSOCIATED WITH CLINICAL RELAPSE IN MULTIPLE SCLEROSIS

Ece Erdag ⁽¹⁾ - Erdem Tuzun ⁽¹⁾ - Gulsen Akman-demir ⁽²⁾ - Elif Ugurel ⁽³⁾ - Elcin Sehitoglu ⁽³⁾ - Filiz Cavus ⁽³⁾ - Murat Giris ⁽¹⁾ - Burcak Vural ⁽³⁾

Institute For Experimental Medicine, Neurosciences Department, Istanbul University, Faculty Of Medicine, Istanbul, Turkey ⁽¹⁾ - Neurology Department, Istanbul Bilim University, School Of Medicine, Istanbul, Turkey ⁽²⁾ - Institute For Experimental Medicine, Genetics Department, Istanbul University, Faculty Of Medicine, Istanbul, Turkey ⁽³⁾

339 - GENETIC BIOMARKERS FOR PREFERABLE INDIVIDUALIZED SELECTION OF INTERFERON-BETA OR GLATIRAMER ACETATE FOR DISEASE-MODIFYING TREATMENT IN MULTIPLE SCLEROSIS PATIENTS

Ekaterina Tsareva ⁽¹⁾ - Olga Kulakova ⁽¹⁾ - Dmitrijs Lvovs ⁽²⁾ - Alexander Favorov ⁽³⁾ - Koen Vandenbroeck ⁽⁴⁾ - Alexey Boyko ⁽⁵⁾ - **Olga Favorova** ⁽¹⁾

N.i. Pirogov Russian National Research Medical University, N.i. Pirogov Russian National Research Medical University, Moscow, Russian Federation ⁽¹⁾ - Institute For Genetics And Selection Of Industrial Microorganisms, Institute For Genetics And Selection Of Industrial Microorganisms, Moscow, Russian Federation ⁽²⁾ - Johns Hopkins University School Of Medicine, Johns Hopkins University School Of Medicine, Baltimore, United States ⁽³⁾ - Neurogenomiks Group, University Of The Basque Country (upv/ehu), Neurogenomiks Group, University Of The Basque Country (upv/ehu), Leioa, Spain ⁽⁴⁾ - Moscow City Multiple Sclerosis Center, City Clinical Hospital #11, Moscow, Russian Federation ⁽⁵⁾

280 - microRNA PROFILING IN HUMAN EDTA PLASMA IDENTIFIES A UNIQUE PROFILE IN MULTIPLE SCLEROSIS PATIENTS COMPARED TO HEALTHY CONTROLS

Roopali Gandhi ⁽¹⁾ - Brian Healy ⁽²⁾ - Taha Gholipour ⁽²⁾ - Svetlana Egorova ⁽²⁾ - Alexander Musallam ⁽²⁾ - Mohammad Hussain ⁽³⁾ - Parham Nejad ⁽³⁾ - Tanuja Chitnis ⁽²⁾ - Pia Kivisakk ⁽³⁾ - Samia Khoury ⁽³⁾ - Howard Weiner ⁽³⁾

Center For Neurologic Diseases, Brigham And Women's Hospital, Boston, United States ⁽¹⁾ - Partners Multiple Sclerosis Center, Brigham And Women's Hospital, Boston, United States ⁽²⁾ - Center For Neurologic Diseases, Brigham And Women's Hospital, Boston, United States ⁽³⁾





SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Monday, November 5th, 2012

233 - SINGLE CELL PSTAT1 ACTIVATION, A PROMISING BIOMARKER TO EVALUATE NEUTRALIZING ANTIBODY EFFECTS IN INTERFERON-BETA TREATED MULTIPLE SCLEROSIS PATIENTS

Sonia Gavasso⁽¹⁾ - Tove Marøy⁽²⁾ - Ellen Mosleth⁽³⁾ - Katarina Jørgensen⁽⁴⁾ - Hanne Linda Nakkestad⁽⁵⁾ - Bjørn-tore Gjertsen⁽⁶⁾ - Kjell-morten Myhr⁽⁷⁾ - Christian Vedeler⁽⁸⁾

Neuro-immunology Laboratory, Haukeland University Hospital And University Of Bergen, Bergen, Norway⁽¹⁾ - Multiple Sclerosis Competence Center, Haukeland Hospital, Bergen, Norway⁽²⁾ - Nofima Mat, Government, Ås, Norway⁽³⁾ - Institute Of Internal Medicine, University Of Bergen, Bergen, Norway⁽⁴⁾ - Institute Of Clinical Medicine, University Of Bergen, Bergen, Norway⁽⁵⁾ - Institute Of Internal Medicine And Competence Center For Clinical Research, Haukeland University Hospital And University Of Bergen, Bergen, Norway⁽⁶⁾ - Multiple Sclerosis Competence Center And Institute Of Clinical Medicine, Haukeland University Hospital And University Of Bergen, Bergen, Norway⁽⁷⁾ - Neuro-immunology Laboratory And Institute Of Clinical Medicine, Haukeland University Hospital And University Of Bergen, Bergen, Norway⁽⁸⁾

484 - THE ROLE OF FETUIN-A IN NEUROINFLAMMATORY RESPONSES IN MULTIPLE SCLEROSIS

Violaine K. Harris⁽¹⁾ - Kristi Clark⁽¹⁾ - Saud A. Sadiq⁽¹⁾

Multiple Sclerosis Research Center Of New York, Multiple Sclerosis Research Center Of New York, New York, United States⁽¹⁾

355 - MS DISEASE RELATED VARIABLES AND ITS IMPACT ON GRAY MATTER VOLUME AND CORTICAL THICKNESS

Virginija D. Karrenbauer⁽¹⁾

Department Of Clinical Neuroscience, Ms Research Group, Cmm, Karolinska Institutet/ Karolinska University Hospital, Stockholm, Sweden⁽¹⁾

393 - CSF BIOMARKER DEVELOPMENT FOR OXIDATIVE STRESS IN PATIENTS WITH MULTIPLE SCLEROSIS

Mika Komori⁽¹⁾ - Joseph Pawlowski⁽¹⁾ - Pradeep Shukla⁽¹⁾ - Elena Romm⁽¹⁾ - Bibiana Bielekova⁽¹⁾

Nih, Ninds, Neuroimmunology Branch, Bethesda, United States⁽¹⁾

410 - RNA SEQUENCING ANALYSIS OF INTRATHECAL EXOSOMES ISOLATED FROM MULTIPLE SCLEROSIS PATIENTS

Peter Kosa⁽¹⁾ - Kory Johnson⁽²⁾ - Ting Ni⁽³⁾ - Jun Zhu⁽³⁾ - Bibiana Bielekova⁽⁴⁾

Neuroimmunological Diseases Unit, National Institutes Of Neurological Disorders And Stroke, National Institutes Of Health, Bethesda, United States⁽¹⁾ - Bioinformatics Section, National Institute Of Neurological Disorders And Stroke, National Institutes Of Health, Bethesda, United States⁽²⁾ - Dna Sequencing And Computational Biology Core, National Heart Lung And Blood Institute, National Institutes Of Health, Bethesda, United States⁽³⁾ - Neuroimmunological Diseases Unit, National Institute Of Neurological Disorders And Stroke, National Institutes Of Health, Bethesda, United States⁽⁴⁾

200 - SINGLE NUCLEOTIDE POLYMORPHISMS IN RELAPSING-REMITTING MULTIPLE SCLEROSIS IN SERBIAN PATIENTS: DISEASE SUSCEPTIBILITY AND INTERFERON BETA TREATMENT RESPONSE BIOMARKERS

Milos Markovic⁽¹⁾ - Emina Savic⁽¹⁾ - Dusan Popadic⁽¹⁾ - Vera Pravica⁽¹⁾ - Zorica Ramic⁽¹⁾ - Jelena Drulovic⁽²⁾ - Marija Mostarica Stojkovic⁽¹⁾

Institute Of Microbiology And Immunology, School Of Medicine, University Of Belgrade, Belgrade, Serbia⁽¹⁾ - Institute Of Neurology, Clinical Centre Of Serbia, School Of Medicine, University Of Belgrade, Belgrade, Serbia⁽²⁾

308 - PHARMACOGENOMICS BIOMARKERS IN MULTIPLE SCLEROSIS: TRANSCRIPTIONAL PROFILING OF THE B CELL RESPONSE TO INTERFERON-BETA

Rana Khsheibun⁽¹⁾ - **Tamar Paperna**⁽²⁾ - Nili Avidan⁽²⁾ - Anat Volkovitz⁽³⁾ - Elizabeta Ginsburg⁽¹⁾ - Ariel Miller⁽⁴⁾

Technion-israel Institute Of Technology, Technion-israel Institute Of Technology, Haifa, Israel⁽¹⁾ - Rappaport Institute For Medical Research, Technion-israel Institute Of Technology, Haifa, Israel⁽²⁾ - Carmel Medical Center, Carmel Medical Center, Haifa, Israel⁽³⁾ - Technion-israel Institute Of Technology, Carmel Medical Center, Haifa, Israel⁽⁴⁾

213 - EXTRACELLULAR ACTIN SCAVENGER SYSTEM AS A DIAGNOSTIC/PROGNOSIS TOOL IN MULTIPLE SCLEROSIS

Simona Perga⁽¹⁾ - Alessandra Giuliano Albo⁽²⁾ - Katharina Lis⁽²⁾ - Nicoletta Minari⁽³⁾ - Fabiana Marnetto⁽¹⁾ - Francesca Gilli⁽¹⁾ - Marco Capobianco⁽¹⁾ - Davide Corpillo⁽²⁾ - Antonio Bertolotto⁽¹⁾

Neuroscience Institute Cavalieri Ottolenghi (nico), San Luigi Gonzaga University Hospital, Orbassano (to), Italy⁽¹⁾ - Bioindustry Park Silvano Fumero Spa, Able Biosciences, Colletterto Giacosa (to), Italy⁽²⁾ - Bioindustry Park Silvano Fumero Spa, Able Biosciences, Colletterto Giacosa (to), Jamaica⁽³⁾

275 - HU ANTIBODIES ARE PRESENT IN SMOKERS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE WITHOUT CANCER OR NEUROLOGICAL DISEASE

Tor H. Qvale⁽¹⁾ - Anette Storstein⁽²⁾ - Kibret Mazengia⁽¹⁾ - Tomas Mikal Eagan⁽³⁾ - Per S. Bakke⁽³⁾ - Christian A. Vedeler⁽¹⁾

Department Of Clinical Medicine, University Of Bergen, Bergen, Norway⁽¹⁾ - Department Of Neurology, Haukeland University Hospital, Bergen, Norway⁽²⁾ - Institute Of Medicine, University Of Bergen, Bergen, Norway⁽³⁾



11th International Congress of Neuroimmunology



SCIENTIFIC PROGRAM

Monday, November 5th, 2012

155 - NOVEL CEREBROSPINAL FLUID AND SERUM AUTOANTIBODY TARGETS FOR CLINICALLY ISOLATED SYNDROME

Myrthe Rouwette ⁽¹⁾ - Klaartje Somers ⁽²⁾ - Cindy Govarts ⁽²⁾ - Peter P De Deyn ⁽³⁾ - Raymond Hupperts ⁽⁴⁾ - Bart Vanwijmeersch ⁽²⁾ - Brigit De Jong ⁽⁵⁾ - Marcel M Verbeek ⁽⁶⁾ - Vincent Van Pesch ⁽⁷⁾ - Christian Sindic ⁽⁷⁾ - Luisa M Villar ⁽⁸⁾ - José C Álvarez-cermeño ⁽⁸⁾ - Piet Stinissen ⁽²⁾ - **Veerle Somers** ⁽¹⁾

Biomedical Research Institute (biomed), Hasselt University And Transna ⁽¹⁾ - Biomedical Research Institute (biomed), Hasselt University And Transnationale Universiteit Limburg, School Of Life Sciences, Diepenbeek, Belgium ⁽²⁾ - Laboratory Of Neurochemistry And Behaviour, Department Of Biomedical Sciences, Institute Born Bunge, University Of Antwerp, Antwerp, Belgium ⁽³⁾ - Department Of Neurology, Orbis Medical Center, Sittard, Netherlands ⁽⁴⁾ - Ms Center Nijmegen (mscn) And Department Of Neurology, Radboud University Medical Center, Nijmegen, Netherlands ⁽⁵⁾ - Departments Of Neurology And Laboratory Medicine, Radboud University Medical Center, Nijmegen, Netherlands ⁽⁶⁾ - Department Of Neurology, Cliniques Universitaires St-luc, Université Catholique De Louvain, Brussels, Belgium ⁽⁷⁾ - Departments Of Neurology And Immunology, Ramón Y Cajal Hospital, Madrid, Spain ⁽⁸⁾

211 - IRF5 AND IRF8 GENOTYPES, RELAPSES AND PROGRESSION IN MULTIPLE SCLEROSIS PATIENTS TREATED WITH INTERFERON-BETA

Finn Sellebjerg ⁽¹⁾ - Helle Bach Søndergaard ⁽¹⁾ - Nils Koch-henriksen ⁽¹⁾ - Per Soelberg Sørensen ⁽¹⁾ - Annette Bang Oturai ⁽¹⁾
Danish Multiple Sclerosis Center, Copenhagen University Hospital Rigshospitalet, Copenhagen, Denmark ⁽¹⁾

98 - IDENTIFICATION OF A NOVEL AUTOANTIGEN AND A DIAGNOSTIC MARKER OF AUTOIMMUNE HYPOPHYSITIS

Yoshihisa Sugimura ⁽¹⁾ - Shintaro Iwama ⁽¹⁾ - Atsushi Kiyota ⁽¹⁾ - Hiroshi Takagi ⁽¹⁾ - Seiji Takeuchi ⁽¹⁾ - Hisakazu Izumida ⁽¹⁾ - Takuya Kato ⁽²⁾ - Atsushi Enomoto ⁽²⁾ - Yutaka Oiso ⁽¹⁾

Department Of Endocrinology And Diabetes, Nagoya University Graduate School Of Medicine, Nagoya, Japan ⁽¹⁾ - Department Of Pathology, Nagoya University Graduate School Of Medicine, Nagoya, Japan ⁽²⁾

250 - RESPONSE GENE TO COMPLEMENT-32 AS A BIOMARKER OF RELAPSES IN MULTIPLE SCLEROSIS

Cosmin Teglă ⁽¹⁾

Department Of Neurology, University Of Maryland School Of Medicine, Baltimore, United States ⁽¹⁾

435 - THE FREQUENCY OF INFLAMMATORY ACTIVITY (INTRATHECAL OLIGOCLONAL BANDS AND GD-ENHANCEMENT IN MRI) IN GERMAN AND TURKISH MS CASES

Hayrettin Tumani ⁽¹⁾ - Ayse Altintas ⁽²⁾ - Mecbure Nalbantoglu ⁽²⁾ - Burcu Zeydan ⁽²⁾ - Romy Roesler ⁽¹⁾ - Johannes Brettschneider ⁽¹⁾
Neurology, University Of Ulm, Ulm, Germany ⁽¹⁾ - Neurology, Cerrahpasa Medical School, Istanbul, Turkey ⁽²⁾

PS 3: Blood brain barrier16:30 - 17:30 Poster & Coffee Break (Staffordshire and St. George)

467 - CHALLENGING THE DOGMA OF NEUTROPHIL INVASION AFTER ISCHEMIC STROKE IN MOUSE AND MEN

Gaby Enzmann ⁽¹⁾

Theodor Kocher Institute, University Of Bern, Bern, Switzerland ⁽¹⁾

457 - LAQUINIMOD ENHANCES CENTRAL NERVOUS SYSTEM BARRIER FUNCTIONS

Hania Kebir ⁽¹⁾ - Jorge Ivan Alvarez ⁽¹⁾ - Alexandre Prat ⁽¹⁾

Chum-notre-dame Hospital, Université De Montreal, Montreal, Canada ⁽¹⁾

199 - PROTEINKINASE C BETA REGULATES BLOOD BRAIN BARRIER INTEGRITY AND T-CELL PROLIFERATION IN EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS

Tobias V. Lanz ⁽¹⁾ - Matthias Osswald ⁽²⁾ - Felix Sahm ⁽³⁾ - Christiane A. Opitz ⁽¹⁾ - Ulrike M. Litzenburger ⁽¹⁾ - Stefan Bittner ⁽⁴⁾ - Michael Schuhmann ⁽⁴⁾ - Michel Mittelbronn ⁽⁵⁾ - Frank Winkler ⁽²⁾ - Sven G. Meuth ⁽⁴⁾ - Wolfgang Wick ⁽²⁾ - Michael Platten ⁽¹⁾

German Cancer Research Center (dkfz), Experimental Neuroimmunology Unit, University Hospital Heidelberg, Neurooncology Clinic, Heidelberg, Germany ⁽¹⁾ - German Cancer Research Center (dkfz), Clinical Cooperation Unit Neurooncology, University Hospital Heidelberg, Neurooncology Clinic, Heidelberg, Germany ⁽²⁾ - German Cancer Research Center (dkfz), Clinical Cooperation Unit Neuropathology, University Hospital Heidelberg, Institute Of Pathology, Department Of Neuropathology, Heidelberg, Germany ⁽³⁾ - University Hospital Muenster, Department Of Neurology, Inflammatory Disorders Of The Nervous System And Neurooncology, University Of Muenster, Institute Of Physiology, Neuropathophysiology, Muenster, Germany ⁽⁴⁾ - Edinger Institute (institute Of Neurology), University Of Frankfurt, Frankfurt, Germany ⁽⁵⁾



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Monday, November 5th, 2012

494 - BLOOD BRAIN BARRIER ALTERATIONS AND NEURO-INFLAMMATION AFTER SINGLE OR REPETITIVE EXPOSURES TO PRIMARY BLAST USING A HIGH-INTENSITY FOCUSED ULTRASOUND MODEL OF MILD TRAUMATIC BRAIN INJURY (MTBI)

Chantal Moratz ⁽¹⁾ - Ellen Burton ⁽²⁾ - Yumbo Liu ⁽³⁾ - Matthew Myers ⁽³⁾ - Joseph McCabe ⁽⁴⁾

Department Of Medicine, Uniformed Services University Of The Health Sciences, Bethesda, United States ⁽¹⁾ - The Center For Neuroscience And Regenerative Medicine, Uniformed Services University Of The Health Sciences, Bethesda, United States ⁽²⁾ - Center For Devices And Radiological Health, Food And Drug Administration, Silver Spring, United States ⁽³⁾ - Department Of Anatomy, Physiology And Genetics, Uniformed Services University Of The Health Sciences, Bethesda, United States ⁽⁴⁾

292 - CXCL1 CAN BE REGULATED BY INTERLEUKIN-6 AND PROMOTES GRANULOCYTE ADHESION TO BRAIN CAPILLARIES DURING BACTERIAL TOXIN EXPOSURE AND ENCEPHALOMYELITIS

Jean-françois Richard ⁽¹⁾ - Monica Roy ⁽¹⁾ - Aline Dumas ⁽¹⁾ - Luc Vallières ⁽¹⁾

Laval University Hospital Research Center, Laval University, Quebec City, Canada ⁽¹⁾

437 - HUMAN BRAIN MICROVASCULAR ENDOTHELIAL CELLS PRESENT VIRAL PEPTIDES TO HLA-CLASS I-RESTRICTED CD8 T CELLS

Janine Rohrbach ⁽¹⁾ - Oliver Davis ⁽¹⁾ - Yovana Pacheco ⁽¹⁾ - Anna Mclean ⁽¹⁾ - Roxanna Haghighat ⁽¹⁾ - Peter Sage ⁽²⁾ - Arlene Sharpe ⁽²⁾ - Daniel Kaufmann ⁽¹⁾ - Daniel Kavanagh ⁽³⁾

Ragon Institute Of Mgh, Mit And Harvard, Massachusetts General Hospital, Boston, United States ⁽¹⁾ - Harvard Medical School, Dana-farber Cancer Center, Boston, United States ⁽²⁾ - Ragon Institute Of Mgh, Mit And Harvard, Massachusetts General Hospital, Boston, - ⁽³⁾

353 - PSGL-1 AND E/P-SELECTIN MEDIATED ROLLING OF ENCEPHALITOGENIC T CELLS IS NOT REQUIRED FOR T CELL INVASION INTO THE CNS DURING EAE

Karthik Sathiyadan ⁽¹⁾ - Heidi Tardent ⁽¹⁾ - Caroline Coisne ⁽¹⁾ - Britta Engelhardt ⁽¹⁾

Theodor Kocher Institut, Universität Bern, Bern, Switzerland ⁽¹⁾

PS 4: Clinical Research.....16:30 - 17:30 Poster & Coffee Break (Staffordshire and St. George)

229 - MYASTHENIA GRAVIS. A RETROSPECTIVE ARGENTINE HOSPITAL-BASED STUDY.

Florencia Aguirre ⁽¹⁾ - Luciana Irina Melamud ⁽¹⁾ - Sandra Ines Vanotti ⁽¹⁾ - Andres Maria Villa ⁽¹⁾

Seccion De Neuroinmunologia Y Electrofisiologia, Hospital Ramos Mejia, Buenos Aires, Argentina ⁽¹⁾

413 - NMO-SPECTRUM DISORDERS IN TURKISH POPULATION:CLINICAL, DEMOGRAPHIC CHARACTERISTICS AND THE PRESENCE OF NMO-Ig G

Ayşe Altintas ⁽¹⁾ - Aysun Soysal ⁽²⁾ - Murat Terzi ⁽³⁾ - Nihal Isik ⁽⁴⁾ - Taskin Duman ⁽⁵⁾ - Gokcen Gozubatik-celik ⁽⁶⁾ - Mecbure Nalbantoglu ⁽⁷⁾ - Ayse Kursun ⁽⁸⁾ - Gunnur Deniz ⁽⁸⁾

Istanbul University, Cerrahpasa Medical School, Neurology Department, Istanbul, Turkey ⁽¹⁾ - Ministry Of Health, Bakirkoy Education And Training Hospital, Neurology Dept., Istanbul, Turkey ⁽²⁾ - Ondokuz Mayis University, Ondokuz Mayis Medical School, Neurology Dept., Samsun, Turkey ⁽³⁾ - Ministry Of Health, Goztepe Education And Training Hospital, Neurology Dept, Istanbul, Turkey ⁽⁴⁾ - Mustafa Kemal University, Mustafa Kemal Medical School, Neurology Dept., Antakya, Turkey ⁽⁵⁾ - Istanbul University, Cerrahpasa Medical School, Neurology Dept, Istanbul, Turkey ⁽⁶⁾ - Istanbul University, Cerrahpasa Medical School, Istanbul, Turkey ⁽⁷⁾ - Istanbul University, Institute Of Experimental Medicine, Immunology Dept, Istanbul, Turkey ⁽⁸⁾

97 - ANTI-NMDA-RECEPTOR ENCEPHALOPATHY: CLINICAL PRESENTATION IN THAI PATIENTS

Metha Apiwattanakul ⁽¹⁾

Prasat Neurological Institute, Prasat Neurological Institute, Bangkok, Thailand ⁽¹⁾

445 - NEUTRALIZING ANTIBODIES AGAINST INTERFERON-BETA IN NEUROMYELITIS OPTICA PATIENTS

Nasrin Asgari ⁽¹⁾

Department Of Neurology, Vejle Hospital, Vejle, Denmark ⁽¹⁾

396 - INVESTIGATION ON EPITOPE REGIONS FOR ANTI-SYNAPSIN IA ANTIBODY IN PATIENTS WITH PPMS

Atsuro Chiba ⁽¹⁾ - Ayumi Uchibori ⁽¹⁾

Department Of Neurology, Kyorin University, Mitaka, Tokyo, Japan ⁽¹⁾



11th International Congress of Neuroimmunology



SCIENTIFIC PROGRAM

Monday, November 5th, 2012

93 - COMPLEMENT-ACTIVATING CAPACITY OF IGG ANTIGANGLIOSIDE ANTIBODIES IN GUILLAIN-BARRÉ AND FISHER SYNDROMES

Kenichi Kaida ⁽¹⁾ - Yu Shiozaki ⁽¹⁾ - Motoi Kuwahara ⁽²⁾ - Katsunori Ikewaki ⁽¹⁾ - Susumu Kusunoki ⁽²⁾

Internal Medicine 3, National Defense Medical College, Tokorozawa, Japan ⁽¹⁾ - Department Of Neurology, Kinki University School Of Medicine, Osaka-sayama, Japan ⁽²⁾

337 - AN INVESTIGATION INTO ADAPTIVE AUTOIMMUNITY IN SEVERE TRAUMATIC BRAIN INJURY

Amy Krepska ⁽¹⁾ - Alison Curry ⁽²⁾ - Sara Thompson ⁽²⁾ - Joanne Jones ⁽²⁾ - Alasdair Coles ⁽²⁾ - David Menon ⁽¹⁾

Department Of Anaesthesia, University Of Cambridge, Cambridge, United Kingdom ⁽¹⁾ - Department Of Clinical Neurosciences, University Of Cambridge, Cambridge, United Kingdom ⁽²⁾

44 - CLINICAL FEATURES OF CIDP WITH ANTIBODIES TO LM1 AND LM1 CONTAINING GANGLIOSIDE COMPLEXES

Susumu Kusunoki ⁽¹⁾ - Motoi Kuwahara ⁽¹⁾ - Hidekazu Suzuki ⁽¹⁾ - Makoto Samukawa ⁽¹⁾ - Yukihiro Hamada ⁽¹⁾ - Kazuo Takada ⁽¹⁾

Department Of Neurology, Kinki University School Of Medicine, Osaka-sayama, Japan ⁽¹⁾

129 - CHARACTERISTIC FEATURE ON MRI SPINE DIFFERENTIATING NEUROMYELITIS OPTICA FROM MULTIPLE SCLEROSIS

Saurabh Lalan ⁽¹⁾ - Majid Khan ⁽²⁾ - Bruce Schlakman ⁽²⁾ - Alan Penman ⁽²⁾ - Joseph Gatlin ⁽²⁾ - Robert Herndon ⁽²⁾

University Of Mississippi Medical Center, Louisiana State University, new Orleans, University Of Mississippi Medical Center, Louisiana State University, new Orleans, Jackson, new Orleans, United States ⁽¹⁾ - University Of Mississippi Medical Center, University Of Mississippi Medical Center, Jackson, United States ⁽²⁾

504 - ImmVar PROJECT: GENETIC ARCHITECTURE OF LEUKOCYTE GENE EXPRESSION IN HEALTHY HUMANS

Michelle Lee ⁽¹⁾ - Towfique Raj ⁽²⁾ - Irene W. Castillo ⁽¹⁾ - Katherine Rothamel ⁽³⁾ - Ting Feng ⁽³⁾ - John Sullivan ⁽⁴⁾ - Jimmie Chun Ye ⁽⁵⁾ - Selina Imboywa ⁽¹⁾ - Portia Chipendo ⁽¹⁾ - Cristin McCabe ⁽⁵⁾ - Rebecca Briskin ⁽¹⁾ - David A. Hafler ⁽⁶⁾ - Nir Hacohen ⁽⁵⁾ - Barbara Stranger ⁽²⁾ - Christophe Benoist ⁽³⁾ - Philip L. De Jager ⁽⁷⁾

Center For Neurologic Diseases, Brigham And Women's Hospital, Boston, United States ⁽¹⁾ - Division Of Genetics, Department Of Medicine, Brigham And Women's Hospital, Boston, United States ⁽²⁾ - Division Of Immunology, Department Of Microbiology And Immunobiology, Harvard Medical School, Boston, United States ⁽³⁾ - Department Of Pathology, Harvard Medical School, Boston, United States ⁽⁴⁾ - Program In Medical & Population Genetics, The Broad Institute, Cambridge, United States ⁽⁵⁾ - Department Of Neurology, Yale School Of Medicine, New Haven, United States ⁽⁶⁾ - Program In Translational Neuropsychiatric Genomics, Institute For The Neurosciences, Department Of Neurology And Psychiatry, Brigham And Women's Hospital, Boston, United States ⁽⁷⁾

296 - IDENTIFICATION OF ACTIVE ZONE PROTEIN ERC1 AS AN ADDITIONAL ANTIGEN IN LAMBERT-EATON MYASTHENIC SYNDROME – A CASE REPORT

Alexander F. Lipka ⁽¹⁾ - Maartje G. Huijbers ⁽¹⁾ - Paul J. Hensbergen ⁽²⁾ - Maarten J. Titulaer ⁽¹⁾ - Erik H. Niks ⁽¹⁾ - Silvere M. Van Der Maarel ⁽³⁾ - Jan J. Verschuuren ⁽¹⁾ - Rinse Klooster ⁽³⁾

Department Of Neurology, Leiden University Medical Center, Leiden, Netherlands ⁽¹⁾ - Department Of Parasitology, Leiden University Medical Center, Leiden, Netherlands ⁽²⁾ - Department Of Human Genetics, Leiden University Medical Center, Leiden, Netherlands ⁽³⁾

298 - REPETITIVE NERVE STIMULATION IN MYASTHENIC SYNDROMES: DIAGNOSTIC YIELD AND RELATION TO DISEASE SEVERITY

Alexander F. Lipka ⁽¹⁾ - Maarten J. Titulaer ⁽¹⁾ - Peggy Masrori Shamakha ⁽¹⁾ - Olaf M. Dekkers ⁽²⁾ - Erik H. Niks ⁽¹⁾ - Jan J.g.m. Verschuuren ⁽¹⁾ - J. Gert Van Dijk ⁽¹⁾

Department Of Neurology, Leiden University Medical Center, Leiden, Netherlands ⁽¹⁾ - Department Of Epidemiology, Leiden University Medical Center, Leiden, Netherlands ⁽²⁾

39 - INCREASED HASSALL'S CORPUSCLES IN MYASTHENIA GRAVIS PATIENTS CARRYING THYMIC HYPERPLASIA

Naoko Matsui ⁽¹⁾ - Izumi Ohigashi ⁽²⁾ - Kazuya Kondo ⁽³⁾ - Yoshiko Nomura ⁽⁴⁾ - Yousuke Takahama ⁽²⁾ - Ryuji Kaji ⁽¹⁾

Department Of Neurology, Institute Of Health Bioscience, Graduate School Of Medical Sciences, The University Of Tokushima, Tokushima, Japan ⁽¹⁾ - Division Of Experimental Immunology, Institute For Genome Research, Graduate School Of Medical Sciences, The University Of Tokushima, Tokushima, Japan ⁽²⁾ - Department Of Oncological Regenerative Surgery, Institute Of Health Bioscience, Graduate School Of Medical Sciences, The University Of Tokushima, Tokushima, Tokushima, Japan ⁽³⁾ - Department Of Neurology For Children, Segawa Neurological Clinic For Children, Tokyo, Japan ⁽⁴⁾

433 - IN VIVO ACHIEVABLE CONCENTRATIONS OF IDEBENONE ARE UNLIKELY TO INHIBIT OXIDATIVE BURST OF IMMUNE CELLS

Ina Mexhitaj ⁽¹⁾ - Simone Wuest ⁽¹⁾ - Bibiana Bielekova ⁽¹⁾

National Institutes Of Health, NINDS/ Neuroimmunology Branch, Bethesda, United States ⁽¹⁾





SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Monday, November 5th, 2012

13 - FIRST INTERIM RESULTS ON TREATMENT SATISFACTION AND PHARMACO-ECONOMIC DATA COMPARING FINGOLIMOD AND FIRST-LINE THERAPIES IN MULTIPLE SCLEROSIS PATIENTS IN GERMANY (PANGAEA AND PEARL)

Sonja Ortler ⁽¹⁾ - Tjalf Ziemssen ⁽²⁾ - Van Lokven Antonius ⁽¹⁾ - Matthias Meergans ⁽¹⁾

Novartis, Pharma Gmbh, Nuernberg, Germany ⁽¹⁾ - Klinik Und Poliklinik Für Neurologie, Klinikum Karl Gustav Carus, Dresden, Germany ⁽²⁾

300 - INTEGRATING GENETIC AND ENVIRONMENTAL RISK SCORES INTO AN ALGORITHM TO PREDICT MULTIPLE SCLEROSIS SUSCEPTIBILITY

Emily Owen ⁽¹⁾ - Alina Von Korff ⁽¹⁾ - Allison Diamond ⁽¹⁾ - Laura Rosenkrantz, Ms ⁽¹⁾ - Cristin McCabe ⁽²⁾ - Brendan Keenan, Ms ⁽³⁾ - Lori Chibnik, Phd, Mph ⁽¹⁾ - Daniel Reich, Md, Phd ⁽⁴⁾ - Rohit Bakshi, Md, Ma ⁽¹⁾ - Zongqi Xia, Md, Phd ⁽¹⁾ - Philip De Jager, Md, Phd ⁽¹⁾

Center For Neurologic Diseases, Brigham And Women's Hospital, Boston, United States ⁽¹⁾ - Broad Institute, Harvard University/massachusetts Institute Of Technology, Cambridge, United States ⁽²⁾ - Center For Neurologic Diseases, Brigham And Women's Hospital, Boston, - ⁽³⁾ - National Institute Of Neurological Disorders And Stroke (ninds), National Institute Of Health, Bethesda, United States ⁽⁴⁾

347 - AQUAPORIN-4 ANTIBODIES IN KOREAN PATIENTS WITH IDIOPATHIC INFLAMMATORY DEMYELINATING DISEASES OF THE CENTRAL NERVOUS SYSTEM

Kyung Seok Park ⁽¹⁾ - Sung-min Kim ⁽¹⁾ - Kwang-woo Lee ⁽¹⁾ - Patrick Waters ⁽²⁾ - Mark Woodhall ⁽²⁾ - Kyeong Cheon Jung ⁽³⁾

Dept. Of Neurology, College Of Medicine, Seoul National University, Seoul, Korea, Republic Of ⁽¹⁾ - Nuffield Department Of Clinical Neurosciences, Neuroimmunology Group, University Of Oxford, Oxford, United Kingdom ⁽²⁾ - Dept. Of Pathology, College Of Medicine, Seoul National University, Seoul, Korea, Republic Of ⁽³⁾

349 - FACTORS ASSOCIATED WITH THE AQP4-Ab POSITIVITY IN PATIENTS WITH LONGITUDINALLY EXTENSIVE TRANSVERSE MYELITIS (LETM): POSSIBLE ROLE OF ASYMPTOMATIC VEP ABNORMALITY

Kyung Seok Park ⁽¹⁾ - Sung-min Kim ⁽¹⁾ - Kwang-woo Lee ⁽¹⁾ - Patrick Waters ⁽²⁾ - Mark Woodhall ⁽²⁾ - Kyeong Cheon Jung ⁽³⁾

Dept. Of Neurology, College Of Medicine, Seoul National University, Seoul, Korea, Republic Of ⁽¹⁾ - Nuffield Department Of Clinical Neurosciences, Neuroimmunology Group, University Of Oxford, Oxford, United Kingdom ⁽²⁾ - Dept. Of Pathology, College Of Medicine, Seoul National University, Seoul, Korea, Republic Of ⁽³⁾

27 - THYMOMA FOLLOWING THYMECTOMY OF HYPERPLASTIC THYMUS IN YOUNG ONSET MG PATIENTS

Ernestina Santos ⁽¹⁾ - Ana Martins Silva ⁽¹⁾ - Philipp Stroebel ⁽²⁾ - Antonio Marinho ⁽³⁾ - Carlos Lopes ⁽⁴⁾ - Nick Wilcox ⁽⁵⁾ - Alexander Marx ⁽²⁾ - Maria Isabel Leite ⁽⁵⁾

Department Of Neurology, Hospital Santo Antonio, University Of Porto, Porto, Portugal ⁽¹⁾ - Institute Of Pathology, Medical Center Mannheim, University Of Heidelberg, Heidelberg, Germany ⁽²⁾ - Department Of Clinical Immunology, Hospital Santo Antonio, Centro Hospitalar Porto, University Of Porto, Porto, Portugal ⁽³⁾ - Department Of Pathology, Hospital Santo António, Centro Hospitalar Porto, University Of Porto, Porto, Portugal ⁽⁴⁾ - Neurosciences Group, Department Of Clinical Neurology, Institute Of Molecular Medicine, John Radcliffe Hospital, Oxford, United Kingdom ⁽⁵⁾

406 - DYSREGULATION OF ADRENERGIC/DOPAMINERGIC PATHWAYS IN CIRCULATING LYMPHOCYTES OF CIS PATIENTS

Laura Schembri ⁽¹⁾ - Paola Spagnuolo ⁽¹⁾ - Mauro Zaffaroni ⁽²⁾ - Mario Guidotti ⁽³⁾ - Giorgio Bono ⁽¹⁾ - Franca Marino ⁽⁴⁾ - Marco Cosentino ⁽¹⁾

Center For Research In Medical Pharmacology, University Of Insubria, Varese, Italy ⁽¹⁾ - Center For Research On Multiple Sclerosis, Hospital S. Antonio Abate, Gallarate, Italy ⁽²⁾ - Unit Of Neurology, Valduce Hospital, Como, Italy ⁽³⁾ - Center For Research In Medical Pharmacology, University Of Insubria, Varese, Italy ⁽⁴⁾

63 - UVEITIS IN PATIENTS WITH MULTIPLE SCLEROSIS

Erkingul Shugaiv ⁽¹⁾ - Murat Kurtuncu ⁽²⁾ - Melike Mutlu ⁽¹⁾ - Gulsen Akman-demir ⁽³⁾ - Ilknur Tugal-tutkun ⁽⁴⁾ - Erdem Tuzun ⁽⁵⁾ - Mefkure Eraksoy ⁽⁶⁾

Department Of Neurology, Istanbul Medical Faculty, Istanbul University, Istanbul, Turkey ⁽¹⁾ - Department Of Neurology, Medical Faculty, Acibadem University, Istanbul, Turkey ⁽²⁾ - Department Of Neurology, Medical Faculty, Istanbul Bilim University, Istanbul, Turkey ⁽³⁾ - Department Of Ophthalmology, Istanbul Medical Faculty, Istanbul University, Istanbul, Turkey ⁽⁴⁾ - Department Of Neuroscience, Institute Of Experimental Medicine, Istanbul University, Istanbul, Turkey ⁽⁵⁾ - Department Of Neurology, Istanbul Medical Faculty, Istanbul University,, Istanbul, Turkey ⁽⁶⁾

301 - CLINICAL FEATURES, TREATMENT, AND OUTCOME OF 568 PATIENTS WITH ANTI-NMDA RECEPTOR ENCEPHALITIS

Maarten Titulaer ⁽¹⁾ - Lindsey Mccracken ⁽²⁾ - Iñigo Gabilondo ⁽³⁾ - Thais Armangue ⁽³⁾ - Eugenia Martinez-hernandez ⁽⁴⁾ - Carol Glaser ⁽⁵⁾ - Takahiro Iizuka ⁽⁶⁾ - Lawrence Honig ⁽⁷⁾ - Susa Benseler ⁽⁸⁾ - Myrna Rosenfeld ⁽¹⁾ - Rita Balice-gordon ⁽⁹⁾ - Francesc Graus ⁽³⁾ - Josep Dalmau ⁽¹⁾

Department Of Neurology, Hospital Clinic University Of Barcelona/ibibaps And University Of Pennsylvania, Barcelona, Spain ⁽¹⁾ - Department



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Monday, November 5th, 2012

Of Neurology, University Of Pennsylvania, Philadelphia, United States ⁽²⁾ - Department Of Neurology, Hospital Clinic University Of Barcelona/Idibaps, Barcelona, Spain ⁽³⁾ - Department Of Neurology, Hospital Sant Pau University Autònoma Of Barcelona And University Of Pennsylvania, Barcelona, Spain ⁽⁴⁾ - California Department Of Public Health, Uc Davis, Richmond, United States ⁽⁵⁾ - Department Of Neurology, Kitasato University, Kitasato, Japan ⁽⁶⁾ - Department Of Neurology, University Of Columbia, New York, United States ⁽⁷⁾ - Department Of Rheumatology, Hospital For Sick Children University Of Toronto, Toronto, Canada ⁽⁸⁾ - Department Of Neurosciences, University Of Pennsylvania, Philadelphia, United States ⁽⁹⁾

444 - CLINICAL COURSE AND IMMUNOMODULATING THERAPY IN ANTI-TPI ANTIBODY-POSITIVE ACUTE CEREBELLAR ATAXIA

Ayumi Uchibori ⁽¹⁾ - Atsuro Chiba ⁽¹⁾

Department Of Neurology, School Of Medicine, Kyorin University, Tokyo, Japan ⁽¹⁾

499 - THE PHENOGENETIC PROJECT: A LIVING BIOBANK WITH WHICH TO ADVANCE INVESTIGATIONS OF THE GENETIC AND ENVIRONMENTAL ARCHITECTURE OF IMMUNE VARIATION

Alina Von Korff ⁽¹⁾ - Michelle Lee ⁽¹⁾ - Selina Imboywa ⁽¹⁾ - Linda Ottoboni ⁽²⁾ - Anna Kaliszewska ⁽²⁾ - Philip L. De Jager ⁽²⁾

Center For Neurologic Diseases, Brigham And Women's Hospital, Boston, United States ⁽¹⁾ - Program In Translational Neuropsychiatric Genomics, Institute For The Neurosciences, Department Of Neurology And Psychiatry, Brigham And Women's Hospital, Boston, United States ⁽²⁾

438 - ANALYSIS AND COMPARISON OF CELLULAR INTRATHECAL AND PERIPHERAL IMMUNE RESPONSES IN PATIENTS WITH MULTIPLE SCLEROSIS

Simone Christiane Wuest ⁽¹⁾ - Peter Kosa ⁽¹⁾ - Ina Mexhitaj ⁽¹⁾ - Elena Romm ⁽¹⁾ - Bibiana Bielekova ⁽¹⁾

National Institutes Of Health, NINDS/Neuroimmunology Branch, Bethesda, United States ⁽¹⁾

PS 5: Innate immune system16:30 - 17:30 Poster & Coffee Break (Staffordshire and St. George)

464 - SECONDARY PROGRESSIVE MULTIPLE SCLEROSIS IS ASSOCIATED WITH AN ALTERED MONOCYTE PHENOTYPE

Shahin Aeinehband ⁽¹⁾ - Sabrina Ruhrmann ⁽¹⁾ - Roham Parsa ⁽¹⁾ - Mohsen Khademi ⁽¹⁾ - Tomas Olsson ⁽¹⁾ - Maja Jagodic ⁽¹⁾ - Fredrik Piehl ⁽¹⁾

Karolinska Institutet, Karolinska University Hospital, Stockholm, Sweden ⁽¹⁾

400 - IMMUNOREGULATORY ROLE OF NATURAL KILLER CELLS IN MULTIPLE SCLEROSIS

Ayşe Altıntaş ⁽¹⁾ - Ugur Uygungözü ⁽¹⁾ - İlhan Tahralı ⁽²⁾ - Umut Can Kucuksezer ⁽²⁾ - Abdullah Yılmaz ⁽²⁾ - Gunnur Deniz ⁽²⁾

Neurology, Istanbul University Cerrahpaşa Medical School, Istanbul, Turkey ⁽¹⁾ - Experimental Medicine, Istanbul University, Istanbul, Turkey ⁽²⁾

209 - MODULATION OF MICROGLIAL ACTIVATION VIA ADENOSINE A3 RECEPTORS

Céline Van Der Putten ⁽¹⁾ - Ella Zuiderwijk-Sick ⁽¹⁾ - Jennifer Veth ⁽¹⁾ - Lejla Sukurova ⁽¹⁾ - Saskia Burm ⁽¹⁾ - Mies Van Steenberghe ⁽²⁾ - Johannes Van Noort ⁽³⁾ - Ad Ijzerman ⁽⁴⁾ - **Jeffrey Bajramovic** ⁽¹⁾

Unit Alternatives, Biomedical Primate Research Centre, Rijswijk, Netherlands ⁽¹⁾ - Pharmaceuticals Department, Utrecht University, Utrecht, Netherlands ⁽²⁾ - Delta Crystallon, Inc., Leiden, Netherlands ⁽³⁾ - Division Of Medicinal Chemistry, Leiden/Amsterdam Center For Drug Research, Leiden, Netherlands ⁽⁴⁾

341 - ADHERENCE ENABLES MONOCYTES TO EFFICIENTLY POLARIZE MEMORY CD4 T-CELLS UPON STIMULATION WITH LPS

Vanessa Beynon ⁽¹⁾ - Gopal Murugaiyan ⁽¹⁾ - Andre Pires Da Cunha ⁽¹⁾ - Francisco Quintana ⁽¹⁾ - Howard Weiner ⁽¹⁾

Center For Neurologic Diseases, Brigham And Women's Hospital, Boston, United States ⁽¹⁾

214 - PHOSPHATIDYL SERINE ALTERS THE FUNCTIONAL PROPERTIES OF MYELIN-PHAGOCYTOSING MACROPHAGES BY ACTIVATING PPARs.

Jeroen Bogie ⁽¹⁾ - Wende Jorissen ⁽¹⁾ - Jo Mailleux ⁽¹⁾ - Piet Stinissen ⁽¹⁾ - Niels Hellings ⁽¹⁾ - Jerome Hendriks ⁽¹⁾

Biomedical Research Institute, Hasselt University, Diepenbeek, Belgium ⁽¹⁾

86 - REGULATION OF INCREASED PRO-INFLAMMATORY CYTOKINE MRNAS IN SHORT-TERM SLICES OF CEREBRAL CORTEX BY DISTINCT ANTI-INFLAMMATORY COMPOUNDS

David Graber ⁽¹⁾ - William Hickey ⁽¹⁾

The Geisel School Of Medicine At Dartmouth, Dartmouth College, Lebanon, United States ⁽¹⁾



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Monday, November 5th, 2012

100 - CIRCULATING DENDRITIC CELLS OF MULTIPLE SCLEROSIS PATIENTS ARE DYSREGULATED AND THEIR FREQUENCY IS CORRELATED WITH MS-ASSOCIATED GENETIC RISK FACTORS

Kristof Thewissen ⁽¹⁾ - Amber Nuyts ⁽²⁾ - Nathalie Deckx ⁽²⁾ - Bart Vanwijmeersch ⁽¹⁾ - Guy Nagels ⁽³⁾ - Marie D'hooghe ⁽³⁾ - Barbara Willekens ⁽⁴⁾ - Patrick Cras ⁽⁴⁾ - Bert Op 't Eijnde ⁽¹⁾ - Viggo Van Tendeloo ⁽²⁾ - Piet Stinissen ⁽¹⁾ - Zwi Berneman ⁽²⁾ - **Niels Hellings** ⁽¹⁾ - Nathalie Cools ⁽²⁾
Biomedical Research Institute, Hasselt University, Diepenbeek, Belgium ⁽¹⁾ - Experimental Hematology, Vaxinfectio, Antwerp University, Antwerp University Hospital, Edegem, Belgium ⁽²⁾ - National Ms Center, Dept Neurology, Melsbroek, Belgium ⁽³⁾ - Dept Neurology, Antwerp University Hospital, Edegem, Belgium ⁽⁴⁾

456 - HOST FACTORS DRIVING THE DETRIMENTAL RESPONSE TO CAMPYLOBACTER CAUSING THE GUILLAIN-BARRÉ SYNDROME

Ruth Huizinga ⁽¹⁾
Department Of Immunology, Erasmus Mc, University Medical Center, Rotterdam, Netherlands ⁽¹⁾

37 - SEX-RELATED DIFFERENCES IN CAMP SPECIFIC PDE4B3 SPLICE VARIANT, CYTOKINE MRNAS AND ICER EXPRESSION FOLLOWING LPS INDUCED NEUROINFLAMMATION

Emily M. Johansson ⁽¹⁾ - Guadalupe Mengod ⁽¹⁾
Institut D'investigacions Biomèdiques De Barcelona, Universidad De Barcelona, Barcelona, Spain ⁽¹⁾

480 - THE MULTIPLE SCLEROSIS SUSCEPTIBILITY MAPK1 ALLELE IS ASSOCIATED WITH DECREASED DEGRANULATION BY BULK NK CELLS AND CD56DIM NK CELLS IN RESPONSE TO MHC CLASS I-DEFICIENT B CELL LINE

Anna Kaliszewska ⁽¹⁾ - Qingquan Liu ⁽²⁾ - Brendan T. Keenan ⁽¹⁾ - Zongqi Xia ⁽¹⁾ - Christoph T. Berger ⁽²⁾ - Michelle Lee ⁽¹⁾ - Galit Alter ⁽²⁾ - Philip L. De Jager ⁽¹⁾
Program In Translational Neuropsychiatric Genomics, Institute For The Neurosciences, Department Of Neurology And Psychiatry, Brigham And Women's Hospital, Harvard Medical School, Boston, United States ⁽¹⁾ - Ragon Institute, Massachusetts General Hospital, Massachusetts Institute Of Technology And Harvard University, Boston, United States ⁽²⁾

239 - TLR INDUCED TYPE I INTERFERON SIGNALING IN REGULATION OF GLIAL AND INFLAMMATORY RESPONSE IN CNS

Reza Mohammad H. Khoroooshi ⁽¹⁾ - Thomas H. Holm ⁽¹⁾ - Carsten Tue Berg ⁽¹⁾ - Ruthe Truong Dieu ⁽¹⁾ - Marlene Mørch ⁽¹⁾ - Trevor Owens ⁽¹⁾
Institute Of Molecular Medicine, University Of Southern Denmark, Odense, Denmark ⁽¹⁾

198 - IMPAIRED SUPPRESSOR FUNCTION OF CD56BRIGHT NK CELLS IN EARLY MULTIPLE SCLEROSIS

Alice Laroni ⁽¹⁾ - Roopali Gandhi ⁽²⁾ - Eric Armentani ⁽¹⁾ - Ilaria Gandoglia ⁽¹⁾ - Federico Ivaldi ⁽¹⁾ - Howard L. Weiner ⁽²⁾ - Antonio Uccelli ⁽¹⁾
Department Of Neuroscience, Ophthalmology And Genetics, University Of Genoa, Genoa, Italia ⁽¹⁾ - Center For Neurologic Diseases, Brigham And Women's Hospital And Harvard Medical School, Boston, Stati Uniti D' America ⁽²⁾

43 - SCAVENGER RECEPTOR A EXPRESSION ON ANTIGEN PRESENTING CELLS IS IMPORTANT FOR CD4+ T-CELL PROLIFERATION IN EAE MOUSE MODEL

Hilit Levy ⁽¹⁾ - Dan Frenkel ⁽¹⁾
Faculty Of Lifescience Department Of Neurobiology, University, Tel Aviv, Israel ⁽¹⁾

236 - AGEING IMPAIRS THE PHAGOCYTIC CAPACITY OF MACROPHAGES: IMPLICATIONS FOR CENTRAL NERVOUS SYSTEM REPAIR

Eimear Linehan ⁽¹⁾ - **Denise C Fitzgerald** ⁽¹⁾
Centre For Infection And Immunity, Queen's University Belfast, Belfast ⁽¹⁾

26 - MACROPHAGES, MYELIN DEBRIS AND THE EFFICIENCY OF CNS REMYELINATION: THE PROBLEMS OF GROWING OLD

Muktha Natrajan ⁽¹⁾ - Alerie Guzman ⁽¹⁾ - Jeffrey Huang ⁽²⁾ - Bibiana Bielekova ⁽³⁾ - Robin J.m. Franklin ⁽¹⁾
Department Of Clinical Neuroscience, Brain Repair Centre, University Of Cambridge, Cambridge, United Kingdom ⁽¹⁾ - Department Of Veterinary Medicine, University Of Cambridge, Cambridge, United Kingdom ⁽²⁾ - Neuroimmunology Branch, National Institute Of Neurological Disorders And Stroke, National Institutes Of Health, Bethesda, Md, United States ⁽³⁾

386 - A GENETIC AND FUNCTIONAL CHARACTERIZATION OF TUMOR NECROSIS FACTOR REGULATION IN RAT ANTIGEN PRESENTING CELLS

Marie N'diaye ⁽¹⁾ - Sabrina Ruhrmann ⁽¹⁾ - Faiez Al Nimer ⁽¹⁾ - Andre Ortlieb Guerreiro-cacais ⁽¹⁾ - Tomas Olsson ⁽¹⁾ - Maja Jagodic ⁽¹⁾
Department Of Clinical Neuroscience, Karolinska Institutet, Stockholm, Sweden ⁽¹⁾



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Monday, November 5th, 2012

470 - INVESTIGATION OF BRAIN ENDOTHELIAL CELL LINES AS MODELS OF THE BLOOD-BRAIN BARRIER

Olov Nilsson ⁽¹⁾ - Hedvig Hellqvist ⁽¹⁾

Pharmacology And Clinical Neuroscience, Umea University, Umea, Sweden ⁽¹⁾

508 - ENTERIC NEURONS EXPRESS ALPHA-SYNUCLEIN MRNA AND FUNCTIONAL TOLL-LIKE RECEPTORS.

Carmen Rietdijk ⁽¹⁾ - Mechiel Korte ⁽¹⁾ - Richard Van Wezel ⁽²⁾ - Johan Garssen ⁽¹⁾ - Shanthi Srinivasan ⁽³⁾ - Hidde Douna ⁽¹⁾ - Suzanne Schavemaker ⁽¹⁾ - Aletta Kraneveld ⁽¹⁾

Utrecht Institute For Pharmaceutical Sciences, Utrecht University, Utrecht, Netherlands ⁽¹⁾ - Donders Institute For Brain, Cognition And Behaviour, Radboud University, Nijmegen, Netherlands ⁽²⁾ - Division Of Medicine, Emory University, Atlanta, United States ⁽³⁾

88 - NEUTROPHIL DEPLETION AFFECTS DARK AGOUTI EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS

Roberta Rigolio ⁽¹⁾ - Anna Magni ⁽¹⁾ - Elisa Ballarini ⁽¹⁾ - Cristina Meregalli ⁽¹⁾ - Alessia Chiorazzi ⁽¹⁾ - Barbara Sala ⁽¹⁾ - Annalisa Canta ⁽¹⁾ - Valentina Alda Carozzi ⁽¹⁾ - Federica Avezza ⁽¹⁾ - Luca Crippa ⁽²⁾ - Guido Cavaletti ⁽¹⁾

Dipartimento Di Neuroscienze E Tecnologie Biomediche, Università Milano-bicocca, Monza, Italy ⁽¹⁾ - Istovet, Istovet, Besana Brianza, Italy ⁽²⁾

73 - KIR2DL2 EXPRESSION ALTERS NATURAL KILLER CELLS RESPONSE TO HERPESVIRUS INFECTION IN MULTIPLE SCLEROSIS PATIENTS.

Roberta Rizzo ⁽¹⁾ - Valentina Gentili ⁽¹⁾ - Ilaria Casetta ⁽²⁾ - Elisabetta Caselli ⁽¹⁾ - Riccardo De Gennaro ⁽²⁾ - Enrico Granieri ⁽²⁾ - Enzo Cassai ⁽¹⁾ - Dario Di Luca ⁽¹⁾ - Antonella Rotola ⁽¹⁾

Section Of Microbiology, Department Of Experimental And Diagnostic Medicine, University Of Ferrara, Ferrara, Italy ⁽¹⁾ - Section Of Neurology, Department Of Medical And Surgical Disciplines, University Of Ferrara, Ferrara, Italy ⁽²⁾

290 - ROLE OF THE INNATE ANTIVIRAL RESPONSE OF TRIGEMINAL GANGLIA NEURONS IN CONTROL OF HERPES SIMPLEX VIRUS REPLICATION

Pamela Rosato ⁽¹⁾ - David Leib ⁽¹⁾

Geisel School Of Medicine, Dartmouth Hitchcock Medical Center, Lebanon, Nh, United States ⁽¹⁾

402 - GRANULOCYTES AND THEIR GROWTH/ MOBILIZING FACTORS AS CANDIDATE THERAPEUTIC TARGETS IN AUTOIMMUNE DEMYELINATING DISEASE

Julie Rumble ⁽¹⁾ - Benjamin Segal ⁽¹⁾

Program In Neuroimmunology, University Of Michigan, Ann Arbor, United States ⁽¹⁾

101 - GM-CSF INDUCES DENDRITIC-CELL LIKE MICROGLIA THROUGH CLASSICAL PKC/AP-1-DEPENDENT PATHWAY

Yoshifumi Sonobe ⁽¹⁾ - Bijay Parajuli ⁽¹⁾ - Hiromitsu Tabata ⁽¹⁾ - Hideyuki Takeuchi ⁽¹⁾ - Tetsuya Mizuno ⁽¹⁾ - Akio Suzumura ⁽¹⁾

Department Of Neuroimmunology, Research Institute Of Environmental Medicine, Nagoya University, Nagoya, Japan ⁽¹⁾

202 - IMMUNOMODULATORY EFFECTS OF TYPE II MACROPHAGES AND MICROGLIA IN EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS

Sarrabeth Stone ⁽¹⁾ - Diane Kenwright ⁽²⁾ - Anne La Flamme ⁽³⁾

School Of Biological Sciences, Victoria University Of Wellington, Wellington, New Zealand ⁽¹⁾ - Wellington School Of Medicine And Health Sciences, University Of Otago, Wellington, New Zealand ⁽²⁾ - School Of Biological Sciences, Victoria University Of Wellington, Wellington, New Zealand ⁽³⁾

489 - LACK OF TGF β SIGNALING IN MYELOID CELLS PREVENTS ENTRY INTO THE REMISSION PHASE OF EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS

Ivana Tosevski-trogrlic ⁽¹⁾ - Ursula Malipiero ⁽¹⁾ - Friederike Ackermann ⁽¹⁾ - Marco Prinz ⁽²⁾ - Doron Merkler ⁽³⁾ - Mathias Heikenwälder ⁽⁴⁾ - Adriano Fontana ⁽⁵⁾ - **Tobias Suter** ⁽¹⁾

Clinical Immunology, University Hospital Zurich, Zurich, Switzerland ⁽¹⁾ - Department Of Neuropathology, University Clinic Freiburg, Freiburg, Germany ⁽²⁾ - Department Of Pathology And Immunology, University Of Geneva, Geneva, Switzerland ⁽³⁾ - Helmholtz Zentrum, Tu Munich, Munich, Germany ⁽⁴⁾ - Experimental Immunology, University Of Zurich, Zurich, Switzerland ⁽⁵⁾

PS 6: Models of disease.....16:30 - 17:30 Poster & Coffee Break (Staffordshire and St. George)

326 - CB2 SIGNALING IS REQUIRED FOR SUSCEPTIBILITY TO CEREBRAL MALARIA

Judith Alferink ⁽¹⁾ - Sabine Specht ⁽²⁾ - Hannah Arends ⁽³⁾ - Kim Schmidt ⁽²⁾ - Andrea Kemter ⁽³⁾ - Stefanie Scheu ⁽⁴⁾ - Karola Poppensieker ⁽³⁾ - Beatrix Schumak ⁽²⁾ - Wolfgang Maier ⁽⁵⁾ - Achim Hoerauf ⁽²⁾ - Andreas Zimmer ⁽³⁾





SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Monday, November 5th, 2012

Institute Of Molecular Psychiatry And Department Of Psychiatry, University Of Bonn, Bonn, Germany ⁽¹⁾ - Institute Of Medical Microbiology And Parasitology, University Of Bonn, Bonn, Germany ⁽²⁾ - Institute Of Molecular Psychiatry, University Of Bonn, Bonn, Germany ⁽³⁾ - Institute Of Medical Microbiology And Hospital Hygiene, University Of Düsseldorf, Düsseldorf, Germany ⁽⁴⁾ - Department Of Psychiatry, University Of Bonn, Bonn, Germany ⁽⁵⁾

314 - INTERACTION OF INFLAMMATION AND HYPEROXIA IN A RAT MODEL OF NEONATAL WHITE MATTER DAMAGE

Felix Brehmer ⁽¹⁾ - **Ivo Bendix** ⁽²⁾ - Yohan Van De Looij ⁽³⁾ - Gerald W. Schlager ⁽²⁾ - Sebastian Prager ⁽²⁾ - Julia Zimmermanns ⁽¹⁾ - Daniela Brait ⁽²⁾ - Marco Siffringer ⁽⁴⁾ - Stefanie Endesfelder ⁽¹⁾ - Stéphane Sizonenko ⁽⁵⁾ - Carina Mallard ⁽⁶⁾ - Christoph Buehrer ⁽¹⁾ - Ursula Felderhoff-mueser ⁽⁷⁾ - Bettina Gerstner ⁽⁸⁾

Department Of Neonatology, Charité - University Hospital Berlin, Berlin, Germany ⁽¹⁾ - Department Of Pediatrics I – Neonatology, University Hospital Essen, Essen, Germany ⁽²⁾ - Laboratory Of Functional And Metabolic Imaging, Ecole Polytechnique Fédérale De Lausanne, Lausanne, Switzerland ⁽³⁾ - Department Of Anesthesiology And Intensive Care Medicine, Charité - University Hospital Berlin, Berlin, Germany ⁽⁴⁾ - Department Of Pediatrics, University Of Geneva, Geneva, Switzerland ⁽⁵⁾ - Department Of Neuroscience And Physiology, University Of Gothenburg, Gothenburg, Sweden ⁽⁶⁾ - Department Of Pediatrics I – Neonatology, University Medicine Essen, Essen, Germany ⁽⁷⁾ - Department Of Pediatric Cardiology, Justus-liebig-university, Giessen, Germany ⁽⁸⁾

116 - CHARACTERIZATION OF A RELAPSING REMITTING TYPE OF EAN INDUCED IN LEWIS RATS

Susana Brun ⁽¹⁾ - Wissam Beaino ⁽¹⁾ - **Elisabeth Trifilieff** ⁽¹⁾
Cnrs, Université De Strasbourg, Strasbourg, France ⁽¹⁾

496 - GASTROINTESTINAL INFLAMMATION IN A VALPROIC ACID-INDUCED MURINE MODEL FOR AUTISM

Caroline De Theije ⁽¹⁾ - Pim Koelink ⁽¹⁾ - Mechiël Korte ⁽¹⁾ - Berend Olivier ⁽¹⁾ - Johan Garssen ⁽¹⁾ - Aletta Kraneveld ⁽¹⁾
Utrecht Institute For Pharmaceutical Sciences, Utrecht University, Utrecht, Netherlands ⁽¹⁾

64 - GIMAP5 DEFICIENCY IN LEWIS RATS CAUSES LYMPHOPENIA AND EXACERBATES EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS

Henrike J. Fischer ⁽¹⁾ - Jens Van Den Brandt ⁽¹⁾ - Holger M. Reichardt ⁽¹⁾
Institute Of Cellular And Molecular Immunology, University Of Göttingen Medical School, Göttingen, Germany ⁽¹⁾

241 - NEUROCOGNITIVE AND IMMUNOLOGIC ALTERATIONS ASSOCIATED WITH SELF INJURIOUS BEHAVIOR IN A RHESUS MACAQUE MODEL

Zachary Freeman ⁽¹⁾ - Kelly Metcalf Pate ⁽¹⁾ - Kelly Rice ⁽¹⁾ - Paul Soto ⁽²⁾ - Joseph Mankowski ⁽¹⁾ - M. Christine Zink ⁽¹⁾ - Robert Adams ⁽¹⁾ - Eric Hutchinson ⁽¹⁾
Department Of Molecular And Comparative Pathobiology, Johns Hopkins University School Of Medicine, Baltimore, United States ⁽¹⁾ - Department Of Psychiatry And Behavioral Sciences, Johns Hopkins University School Of Medicine, Baltimore, United States ⁽²⁾

315 - INFLAMMATORY MONOCYTES EXACERBATE INJURY FOLLOWING INTRACEREBRAL HEMORRHAGE

Matthew D. Hammond ⁽¹⁾ - Roslyn A. Taylor ⁽¹⁾ - Youxi Ai ⁽¹⁾ - Lauren H. Sansing ⁽¹⁾
Department Of Neuroscience, University Of Connecticut Health Center, Farmington, United States ⁽¹⁾

17 - GASTROINTESTINAL SYMPTOMS AND PROBIOTIC TREATMENT IN A MOUSE MODEL OF AN AUTISM RISK FACTOR

Elaine Y. Hsiao ⁽¹⁾ - Sara W. McBride ⁽¹⁾ - Sophia Hsien ⁽¹⁾ - Janet Chow ⁽¹⁾ - Sarkis K. Mazmanian ⁽¹⁾ - Paul H. Patterson ⁽¹⁾
Biology Division, Caltech, Pasadena, United States ⁽¹⁾

18 - NEUROIMMUNE CHANGES IN A MOUSE MODEL OF THE MATERNAL INFECTION RISK FACTOR FOR SCHIZOPHRENIA AND AUTISM

Elaine Y. Hsiao ⁽¹⁾ - Sara W. McBride ⁽¹⁾ - Janet Chow ⁽¹⁾ - Krassimira A. Garbett ⁽²⁾ - Sára Kálmán ⁽²⁾ - Károly Mirnics ⁽²⁾ - Sarkis K. Mazmanian ⁽¹⁾ - Paul H. Patterson ⁽¹⁾
Biology Division, Caltech, Pasadena, United States ⁽¹⁾ - Department Of Psychiatry, Vanderbilt University, Nashville, United States ⁽²⁾

222 - HYDROXYL RADICAL FORMATION IN PERIPHERAL NERVES OF RATS WITH EXPERIMENTAL AUTOIMMUNE NEURITIS

Masashi Inoue ⁽¹⁾ - Shingo Konno ⁽¹⁾ - Hisao Kitazono ⁽¹⁾ - Toshiki Fujioka ⁽¹⁾
Department Of Neurology, Toho University Ohashi Medical Center, Meguro, Tokyo, Japan ⁽¹⁾



11th International Congress of Neuroimmunology



SCIENTIFIC PROGRAM

Monday, November 5th, 2012

217 - HHV-6A INFECTION ENHANCES EAE SEVERITY IN THE COMMON MARMOSET

Emily Leibovitch ⁽¹⁾ - Pietro Maggi ⁽¹⁾ - Giovanna Brunetto ⁽¹⁾ - Kelsey Motanic ⁽¹⁾ - Jillian Wohler ⁽¹⁾ - Sheila Cummings Macri ⁽²⁾ - Susan Westmoreland ⁽²⁾ - Afonso Silva ⁽¹⁾ - Daniel Reich ⁽¹⁾ - Steven Jacobson ⁽¹⁾
Ninds, Nih, Bethesda, United States ⁽¹⁾ - Neprc, Harvard Medical School, Boston, United States ⁽²⁾

5 - TOLL-LIKE RECEPTOR 4 DEFICIENCY AMELIORATES EXPERIMENTAL AUTOIMMUNE NEURITIS BY DOWNREGULATING CLASSICALLY ACTIVATED MACROPHAGES (M1)

Shuai Yan ⁽¹⁾ - **Hongyan Li** ⁽¹⁾ - Vadis Quo ⁽²⁾
First Hospital, Jilin University, Changchun, Cina ⁽¹⁾ - University Hospital, Karolinska Institute, Stockholm, Svezia ⁽²⁾

443 - ENCEPHALITOGENIC POTENTIAL OF DISCRETE T CELL EPITOPES OF AQUAPORIN-4 (AQP4)

Patricia Nelson ⁽¹⁾ - Michel Varrin-doyer ⁽¹⁾ - Collin Spencer ⁽¹⁾ - Sharon Sagan ⁽¹⁾ - Raymond Sobel ⁽²⁾ - Jeffrey Bennett ⁽³⁾ - Scott Zamvil ⁽¹⁾
University Of California San Francisco, University Of California San Francisco, San Francisco, United States ⁽¹⁾ - Stanford Va Hospital, Palo Alto Va, Palo Alto, United States ⁽²⁾ - University Of Colorado Denver School Of Medicine, University Of Colorado Denver School Of Medicine, Aurora, United States ⁽³⁾

478 - LACK OF ADIPONECTIN LEADS TO INCREASED IMMUNE ACTIVATION AND A WORSE MS MODEL

Laura Piccio ⁽¹⁾ - Claudia Cantoni ⁽¹⁾ - Michael Ramsbottom ⁽¹⁾ - Robert Mikesell ⁽¹⁾ - Viviana Cremasco ⁽²⁾ - Wesley Haynes ⁽³⁾ - Lily Q. Dong ⁽⁴⁾ - Lawrence Chan ⁽⁵⁾ - Daniela Galimberti ⁽⁶⁾ - Anne H. Cross ⁽¹⁾
Department Of Neurology, Washington University School Of Medicine, St Louis, United States ⁽¹⁾ - Department Of Orthopedics, Washington University School Of Medicine, St Louis, United States ⁽²⁾ - Department Of Neurology, Washington University School Of Medicine, St Louis, United States ⁽³⁾ - Department Of Cellular And Structural Biology, The University Of Texas Health Science Center At San Antonio, San Antonio, United States ⁽⁴⁾ - Division Of Endocrinology & Metabolism, Baylor College Of Medicine, Houston, United States ⁽⁵⁾ - Dino Ferrari Center, University Of Milan, Fondazione Cà Granda Irccs Ospedale Policlinico, Milan, - ⁽⁶⁾

24 - ASTROCYTES AFFECT NEUROPROTECTION: GLATIRAMER ACETATE MEDIATES NEUROPROTECTION IN AN ANIMAL MODEL OF HUNTINGTON'S DISEASE

Christiane Reick ⁽¹⁾ - Carsten Saft ⁽¹⁾ - Ralf A. Linker ⁽²⁾ - Stefan Wiese ⁽³⁾ - Ralf Gold ⁽¹⁾ - Gisa Ellrichmann ⁽¹⁾
Department Of Neurology, St. Josefs Hospital, Bochum, Germany ⁽¹⁾ - Department Of Neurology, Friedrich-alexander-university, Erlangen, Germany ⁽²⁾ - Group For Molecular Cell Biology, Ruhr-university Bochum, Bochum, Germany ⁽³⁾

488 - CHARACTERIZING DEMYELINATION AND REMYELINATION BY FLOW CYTOMETRY AND ITS APPLICATION IN MODELS OF DEMYELINATION

Andrew P. Robinson ⁽¹⁾ - Jane M. Rodgers ⁽¹⁾ - Stephen D. Miller ⁽¹⁾
Feinberg School Of Medicine, Northwestern University, Chicago, United States ⁽¹⁾

316 - MICE LACKING MICROGLIAL CX3CR1 EXHIBIT GREATER NEUROLOGICAL DISABILITY AFTER INTRACEREBRAL HEMORRHAGE

Roslyn A Taylor ⁽¹⁾ - Matthew D Hammond ⁽¹⁾ - Youxi Ai ⁽¹⁾ - Lauren H Sansing ⁽¹⁾
Department Of Neuroscience, University Of Connecticut Health Center, Farmington, United States ⁽¹⁾

278 - DETECTION OF NEUROLOGICAL SEQUALAE IN A POST-MENINGITIC MOUSE MODEL USING THE AUTOMATED INTELICAGE SYSTEM

Lay Khoon Too ⁽¹⁾ - Iain Mcgregor ⁽²⁾ - Nicholas Hunt ⁽¹⁾
Sydney Medical School, University Of Sydney, Sydney, Australia ⁽¹⁾ - School Of Psychology, University Of Sydney, Sydney, Australia ⁽²⁾

398 - SKELETAL MUSCLE PATHOLOGY IN THE EXPERIMENTAL ANIMAL MODEL OF MUSCLE-SPECIFIC RECEPTOR TYROSINE KINASE (MuSK) RELATED MYASTHENIA GRAVIS

Canan Ulusoy ⁽¹⁾ - Vuslat Yilmaz ⁽²⁾ - Nikolaos Trakas ⁽³⁾ - Konstantinos Poulas ⁽³⁾ - Haydar Armagan ⁽⁴⁾ - **Selin Turan** ⁽⁵⁾ - Murat Giris ⁽¹⁾ - Socrates Tzartos ⁽³⁾ - Feza Deymeer ⁽⁶⁾ - Güher Saruhan-direskeneli ⁽⁷⁾ - Erdem Tuzun ⁽⁸⁾
Insitute For Experimental Medicine, Neuroscience Dept., Istanbul University, Istanbul, Turkey ⁽¹⁾ - Istanbul Faculty Of Medicine, Physiology Dept, Istanbul University, Istanbul, Turkey ⁽²⁾ - Dept. Of Biochemistry, Hellenic Pasteur Institute, Athens, Greece ⁽³⁾ - Istanbul Faculty Of Medicine, Neurology Dept., Istanbul University, Istanbul, Turkey ⁽⁴⁾ - Institute For Expeimental Medicine, Neuroscience, Istanbul University, Istanbul, Turkey ⁽⁵⁾ - Istanbul Faculty Of Medicine, Neurology Dept., Istanbul University, Istanbul, Turkey ⁽⁶⁾ - Istanbul Faculty Of Medicine, Physiology Dept., Istanbul University, Istanbul, Turkey ⁽⁷⁾ - Institute For Experimental Medicine, Neuroscience Dept., Istanbul University, Istanbul, Turkey ⁽⁸⁾





SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Monday, November 5th, 2012

PS 7: Omics16:30 - 17:30 Poster & Coffee Break (Staffordshire and St. George)

472 - GENE EXPRESSION FOR MOUSE BV-2 CELLS ACTIVATED BY LIPOPOLYSACCHARIDE

Hyungtae Lee ⁽¹⁾ - Misook Doh ⁽¹⁾ - Sunhwa Kim ⁽¹⁾ - Kyoung-hwa Jung ⁽¹⁾ - Miran Choi ⁽¹⁾ - **Young Chai** ⁽¹⁾
Dept Of Molecular & Lif Sciences, Hanyang Univ., Ansan, Korea, Republic Of ⁽¹⁾

268 - SYSTEMS BIOLOGY OF GENDER-BASED BLOOD TRANSCRIPTOMES UNRAVELS A ROLE FOR SP1 DEPENDENT GENE TRANSCRIPTION IN MULTIPLE SCLEROSIS.

Ramesh Menon ⁽¹⁾ - Marco Di Dario ⁽¹⁾ - Chiara Cordiglieri ⁽¹⁾ - Silvia Musio ⁽²⁾ - Loredana La Mantia ⁽²⁾ - Clara Milanese ⁽²⁾ - Anna Luisa Di Stefano ⁽³⁾ - Massimo Crabbio ⁽³⁾ - Diego Franciotta ⁽⁴⁾ - Roberto Bergamaschi ⁽³⁾ - Rosetta Pedotti ⁽²⁾ - Enzo Medico ⁽⁵⁾ - **Farina Cinthia** ⁽¹⁾

Institute Of Experimental Neurology, Division Of Neuroscience, Scientific Institute San Raffaele, Milan, Italy ⁽¹⁾ - Neuroimmunology Unit, Neurological Institute Carlo Besta, Milan, Italy ⁽²⁾ - Department Of Neurological Sciences, Neurological Institute Casimiro Mondino, Pavia, Italy ⁽³⁾ - Laboratory Of Neuroimmunology, Neurological Institute Casimiro Mondino, Pavia, Italy ⁽⁴⁾ - Laboratory Of Functional Genomics, Institute For Cancer Research And Treatment, Torino, Italy ⁽⁵⁾

350 - MYELOID SHEDDING VESICLES OMICS

Livia Garzetti ⁽¹⁾ - Ramesh Menon ⁽¹⁾ - Annapaola Andolfo ⁽²⁾ - Cinthia Farina ⁽¹⁾ - Angela Bachi ⁽²⁾ - Annamaria Finardi ⁽¹⁾ - Alessandra Bergami ⁽¹⁾ - Gianvito Martino ⁽¹⁾ - Claudia Verderio ⁽³⁾ - Roberto Furlan ⁽¹⁾

Institute Of Experimental Neurology – Inspe, Division Of Neuroscience, San Raffaele Scientific Institute, Milan, Italy ⁽¹⁾ - Promifa, Protein Microsequencing Facility, San Raffaele Scientific Institute, Milan, Italy ⁽²⁾ - Department Of Neuroscience, Cnr, Milan, Italy ⁽³⁾

277 - ALLELIC COMBINATIONS OF IMMUNE RESPONSE GENES AS POSSIBLE COMPOSITE MARKERS OF OPTIMAL INTERFERON-BETA EFFICACY IN RUSSIAN MULTIPLE SCLEROSIS PATIENTS

Olga Kulakova ⁽¹⁾ - Ekaterina Tsareva ⁽¹⁾ - Alexey Boyko ⁽²⁾ - Sergey Shchur ⁽²⁾ - Dmitrijs Lvovs ⁽³⁾ - Alexander Favorov ⁽⁴⁾ - Koen Vandenberghe ⁽⁵⁾ - Olga Favorova ⁽¹⁾

N.i. Pirogov Russian National Research Medical University, N.i. Pirogov Russian National Research Medical University, Moscow, Russian Federation ⁽¹⁾ - Moscow City Multiple Sclerosis Center, City Clinical Hospital #11, Moscow, Russian Federation ⁽²⁾ - Research Institute For Genetics And Selection Of Industrial Microorganisms, Research Institute For Genetics And Selection Of Industrial Microorganisms, Moscow, Russian Federation ⁽³⁾ - Johns Hopkins University School Of Medicine, Johns Hopkins University School Of Medicine, Baltimore, United States ⁽⁴⁾ - Neurogenomiks Group, University Of The Basque Country (upv/ehu), Neurogenomiks Group, University Of The Basque Country (upv/ehu), Leioa, Spain ⁽⁵⁾

274 - COMPREHENSIVE IDENTIFICATION OF SOLUBLE FACTORS INVOLVED IN MESENCHYMAL STEM CELLS-MEDIATED NEUROPROTECTION UTILIZING THE SILAC APPROACH

Laura Lovato ⁽¹⁾ - Valeria Marzano ⁽²⁾ - Simone Albino ⁽²⁾ - Tiziana Vigo ⁽¹⁾ - Luisa Pieroni ⁽²⁾ - Andrea Urbani ⁽²⁾ - Antonio Uccelli ⁽¹⁾

Dinog - Department Of Neurology, Ophtalmology And Genetics, University Of Genoa, Genoa, Italy ⁽¹⁾ - Cerc/santa Lucia Foundation, University Of Rome "tor Vergata", Rome, Italy ⁽²⁾

210 - GENE EXPRESSION ANALYSIS IMPLICATES MONOCYTES IN THE PATHOGENESIS OF ALL CLINICAL SUBTYPES OF MULTIPLE SCLEROSIS

Rikke Ratzer ⁽¹⁾ - Jeppe Romme Christensen ⁽¹⁾ - Per Soelberg Sørensen ⁽¹⁾ - Helle Bach Søndergaard ⁽¹⁾ - **Finn Sellebjerg** ⁽¹⁾

Danish Multiple Sclerosis Center, Copenhagen University Hospital Rigshospitalet, Copenhagen, Denmark ⁽¹⁾

52 - MICROARRAY ANALYSIS OF THE ASTROCYTE TRANSCRIPTOME IN NORMAL APPEARING WHITE MATTER IN MULTIPLE SCLEROSIS

R Waller ⁽¹⁾ - P.r Heath ⁽¹⁾ - M.n Woodroffe ⁽²⁾ - S Francese ⁽²⁾ - S.b Wharton ⁽¹⁾ - P.g Ince ⁽¹⁾ - B Sharrack ⁽³⁾ - J.e Simpson ⁽¹⁾

Sheffield Institute For Translational Neuroscience, Sheffield University, Sheffield, United Kingdom ⁽¹⁾ - Biomedical Research Centre, Sheffield Hallam University, Sheffield, United Kingdom ⁽²⁾ - Sheffield Institute For Translational Neuroscience / Department Of Neurology, Sheffield University / Royal Hallamshire Hospital, Sheffield, United Kingdom ⁽³⁾



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Monday, November 5th, 2012

PS 8: Pathology16:30 - 17:30 Poster & Coffee Break (Staffordshire and St. George)

28 - DECREASED ASTROCYTIC RESPONSE IN STREPTOZOTOCIN-INDUCED DIABETES AFTER GLIOTOXIC LESION IN THE RAT BRAINSTEM

Eduardo Fernandes Bondan ⁽¹⁾ - Maria De Fátima Martins ⁽¹⁾ - Flávio Cesar Viani ⁽²⁾

Veterinary Medicine School, Universidade Paulista; Universidade Cruzeiro Do Sul, São Paulo, Brazil ⁽¹⁾ - Veterinary Medicine School, Universidade Cruzeiro Do Sul, São Paulo, Brazil ⁽²⁾

29 - DEXAMETHASONE DECREASES NORMAL EXPRESSION OF GFAP IN ASTROCYTES OF DOGS

Eduardo Fernandes Bondan ⁽¹⁾ - Maria De Fátima Martins ⁽²⁾ - Flávio Cesar Viani ⁽³⁾

Veterinary Medicine School, Universidade Paulista, São Paulo, Brazil ⁽¹⁾ - Veterinary Medicine School, Universidade Paulista; Universidade Cruzeiro Do Sul, São Paulo, Brazil ⁽²⁾ - Veterinary Medicine School, Universidade Cruzeiro Do Sul, São Paulo, Brazil ⁽³⁾

59 - INCLUSION BODY MYOSITIS: NITRIC OXIDE MEDIATES INFLAMMATORY CELL STRESS IN SKELETAL MUSCLE

Jens Schmidt ⁽¹⁾

Dept. Of Neurology, University Medical Centre Goettingen, Goettingen, Germany ⁽¹⁾

PS 9: Psychoimmunomodulation16:30 - 17:30 Poster & Coffee Break (Staffordshire and St. George)

334 - NEUROPSYCHIATRIC AND COGNITIVE DYSFUNCTIONS ARE ASSOCIATED WITH EARLY STAGES OF EXPERIMENTAL ALLERGIC ENCEPHALOMYELITIS (EAE), A MOUSE MODEL OF MULTIPLE SCLEROSIS

Shaona Acharjee ⁽¹⁾ - Nausheen Nayani ⁽¹⁾ - Mio Tsutsui ⁽¹⁾ - Shalina S. Ousman ⁽¹⁾ - Quentin J. Pittman ⁽¹⁾

Hotchkiss Brain Institute, University Of Calgary, Calgary, Canada ⁽¹⁾

273 - IMPAIRED SPATIAL LEARNING IN MONONEUROPATHIC B7H1 KNOCKOUT MICE

Maria B Nandini Colaço ⁽¹⁾ - Nurcan Üçeyler ⁽¹⁾ - Claudia Sommer ⁽¹⁾

Department Of Neurology, University Of Würzburg, Würzburg, Germany ⁽¹⁾

526 - THE SYMPATHETIC CATECHOLAMINE NOREPINEPHRINE INCREASES Th17 RESPONSES IN A β 2-ADRENERGIC RECEPTOR-DEPENDENT MANNER

Nicola Smith ⁽¹⁾ - Ines Benassou ⁽¹⁾ - Sonia Lai Wing Sun ⁽¹⁾ - Tanya Babiuk-henry ⁽¹⁾ - Alexandre Elhalwi ⁽¹⁾ - Jonathan Francois ⁽¹⁾ - Azadeh Ghassemi ⁽¹⁾ - Mahdiah Tabatabaei Shafiei ⁽¹⁾ - **Peter Darlington** ⁽¹⁾

Concordia University, Concordia University, Montreal, Canada ⁽¹⁾

493 - DIETARY INTERVENTION WITH OMEGA-3 POLYUNSATURATED FATTY ACIDS RESTORES DECREASED DOPAMINERGIC ACTIVITY IN THE PREFRONTAL CORTEX OF COW'S MILK ALLERGIC MICE

Caroline De Theije ⁽¹⁾ - Vanja Milosevic ⁽¹⁾ - Gerdien Korte-bouws ⁽¹⁾ - Lieke Van Den Elsen ⁽¹⁾ - Sofia Lopes Da Silva ⁽²⁾ - Mechiel Korte ⁽¹⁾ - Berend Olivier ⁽¹⁾ - Johan Garssen ⁽¹⁾ - Aletta Kraneveld ⁽¹⁾

Utrecht Institute For Pharmaceutical Sciences, Utrecht University, Utrecht, Netherlands ⁽¹⁾ - Nutricia Advanced Medical Nutrition, Danone Research- Centre For Specialised Nutrition, Wageningen, Netherlands ⁽²⁾

474 - NEUROPSYCHOLOGICAL CHANGES IN A MOUSE MODEL FOR COW'S MILK ALLERGY

Caroline De Theije ⁽¹⁾ - Gerard Hofman ⁽¹⁾ - Jonna Korkeaviita ⁽²⁾ - Jan Veening ⁽¹⁾ - Jos Dederen ⁽³⁾ - Mechiel Korte ⁽⁴⁾ - Berend Olivier ⁽⁴⁾ - Johan Garssen ⁽⁴⁾ - Aletta Kraneveld ⁽⁴⁾

Utrecht Institute For Pharmaceutical Sciences, Utrecht University, Utrecht, Netherlands ⁽¹⁾ - Faculty Of Pharmacy, University Of Helsinki, Helsinki, Netherlands ⁽²⁾ - Department Of Anatomy, Radboud University Nijmegen Medical Centre, Utrecht, Netherlands ⁽³⁾ - Utrecht Institute For Pharmaceutical Sciences, Utrecht University, Utrecht, Netherlands ⁽⁴⁾



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Monday, November 5th, 2012

405 - SEROTONIN REUPTAKE INHIBITORS AS IMMUNOMODULATORS: A PROOF-OF-CONCEPT

Veerle Gobin ⁽¹⁾ - Katleen Van Steendam ⁽¹⁾ - Sabine Fevery ⁽²⁾ - Kelly Tilleman ⁽¹⁾ - An Billiau ⁽²⁾ - Damiaan Denys ⁽³⁾ - Dieter Deforce ⁽¹⁾

Laboratory Of Pharmaceutical Biotechnology, Ghent University, Ghent, Belgium ⁽¹⁾ - Laboratory Of Experimental Transplantation, Leuven University, Leuven, Belgium ⁽²⁾ - Department Of Psychiatry, Academic Medical Centre - University Of Amsterdam, Amsterdam, Netherlands ⁽³⁾

411 - PRIOR RESTRAINT STRESS INDUCED DIFFERENT EFFECTS ON THE INFLAMMATORY RESPONSE TO LPS IN THE HIPPOCAMPUS AND THE AMYGDALA

Zurine Miguel ⁽¹⁾ - Andrew Evans ⁽¹⁾ - Arantza Azpiroz ⁽²⁾ - Robert Sapolsky ⁽¹⁾

Biology Department, Stanford University, Stanford, United States ⁽¹⁾ - Faculty Of Psychology, Basque Country University, San Sebastian, Spain ⁽²⁾

449 - RAJBANGSHI TRIBE GROUP IN BANGLADESH: THEIR KNOWLEDGE ON CENTRAL NERVOUS SYSTEMS AND POSSIBLE ROLE IN PRIMARY HEALTH CARE

Md. Ariful Haque Mollik ⁽¹⁾

Natural And Social Sciences, Biotech Concern, Dhaka, Bangladesh ⁽¹⁾

122 - SLEEP INFLUENCES THE IMMUNE RESPONSE: EVIDENCE FROM A SKIN ALLOGRAFT

Francieli Silva Ruiz ⁽¹⁾

Psychobiology, Universidade Federal De Sao Paulo, Sao Paulo, Brazil ⁽¹⁾

72 - ARE ANXIETY BEHAVIOUR AND OXIDATIVE STRESS INTERRELATED IN THE EARLY PHASE OF EXPERIMENTAL ARTHRITIS IN RATS?

Martina Skurlova ⁽¹⁾ - Andrea Stofkova ⁽¹⁾ - Jana Jurcovicova ⁽¹⁾

Department Of Normal, Pathological, And Clinical Physiology, Third Faculty Of Medicine, Charles University In Prague, Prague, Czech Republic ⁽¹⁾



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Tuesday, November 6th, 2012

miRNA in neuroimmune diseases.....Plenary Symposium 3 (America Ballroom)

EPIGENETICS AND PLASTICITY OF T CELLS

John O'Shea08:30

Overview of immune regulation in CNS.....Plenary Symposium 4 (America Ballroom)

REGULATORS OF T CELLS

Alexander Rudensky09:15

COFFEE BREAK 10:00 - 10:30

Neuroimmunology of brain tumors10.30am - 12.00pm - Room A (Concurrent Symposia 4)

Chair: M. Weller

571 - TARGETING TRANSFORMING GROWTH FACTOR- β IN GLIOBLASTOMA

Michael Weller ⁽¹⁾10:30

Department Of Neurology, University Hospital Zurich, Zurich, Switzerland ⁽¹⁾

542 - THE ARYL HYDROCARBON RECEPTOR IN TUMOR IMMUNITY: LESSONS FROM MALIGNANT GLIOMA.

Michael Platten ⁽¹⁾11:00

Department Of Neuro-oncology, University Hospital Heidelberg, Heidelberg, Germany ⁽¹⁾

573 - DENDRITIC CELL-BASED IMMUNOTHERAPY FOR GLIOMA

Linda Liau ⁽¹⁾11:30

Ucla, David Geffen School Of Medicine At Ucla, Los Angeles, - ⁽¹⁾

Inflammation in neurodegenerative disorders10.30am - 12.00pm - Room B (Concurrent Symposia 5)

Chair: Z. Kokaia

543 - THE DIVERSITY OF MONOCYTE-DERIVED MACROPHAGES IN ACUTE AND CHRONIC NEURODEGENERATIVE CONDITION: RECRUITMENT AND ACTIVITY

Michal Schwartz ⁽¹⁾10:30

The Weizmann Institute Of Science, The Weizmann Institute Of Science, Rehovot, Israel ⁽¹⁾

550 - ISCHEMIC STROKE, NEUROGENESIS AND INFLAMMATION

Zaal Kokaia ⁽¹⁾11:00

Lund Stem Cell Center, Lund University Hospital, Lund, Sweden ⁽¹⁾

THE TWO FACES OF INFLAMMATION WITH REGARD TO STEM CELL ACTION IN NEUROLOGICAL DISEASE;

Evan Snyder11:30



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Tuesday, November 6th, 2012

Regulatory T cells in neuroimmune diseases.....10.30am - 12.00pm - Room C (Concurrent Symposia 6)

Chair: D. Hafler, R. Furlan

572 - INTERACTION OF Th17 CELLS, GM-CSF AND IL-27 IN THE PATHOGENESIS OF CNS INFLAMMATORY DEMYELINATION

Abdolmohamad Rostami⁽¹⁾10:30
Department Of Neurology, Thomas Jefferson University, Philadelphia, Pa, U.s.a., -⁽¹⁾

REGULATORY T CELLS IN HUMAN CNS DISEASE

David Hafler11:00

REGULATING THE REGULATORS

Roberto Furlan11:30

LUNCH BREAK 12:00 - 13:00

The Newson-Davis Lecture1.00pm - 2.00pm - Plenary Lecture 2 (America Ballroom)

554 - PARANEOPLASTIC AND IDIOPATHIC AUTOIMMUNE NEUROLOGICAL DISEASE

Vanda Lennon⁽¹⁾13:00
Mayo Clinic, College Of Medicine, Rochester, Mn, United States⁽¹⁾

Genetics.....2.00pm - 3.30pm Room A (Oral Presentations 4)

Chair: T. Olsson, P. DeJager

208 - DEEP REPLICATION AND EXTENSIVE FINE MAPPING USING THE IMMUNOCHIP SIGNIFICANTLY EXPANDS THE HORIZONS IN THE GENETICS OF MULTIPLE SCLEROSIS - FOR THE IMSGC

Stephen Sawcer⁽¹⁾14:00
University Of Cambridge, Addenbrookes Hospital, Cambridge, United Kingdom⁽¹⁾

272 - PARENT-OF-ORIGIN EFFECTS AFFECT INHERITANCE OF MULTIPLE SCLEROSIS-LIKE NEUROINFLAMMATION IN RATS AND IMPLICATE NOVEL RISK GENES

Sabrina Ruhrmann⁽¹⁾ - Pernilla Stridh⁽¹⁾ - Petra Bergman⁽¹⁾ - Mélanie Thessén Hedreul⁽¹⁾ - Sevasti Flytzani⁽¹⁾ - Amennai Daniel Beyeen⁽¹⁾ - Alan Gillett⁽¹⁾ - Nina Krivosija⁽¹⁾ - Johan Öckinger⁽¹⁾ - Maja Jagodic⁽¹⁾14:15
Department Of Clinical Neuroscience, Karolinska Institutet, Stockholm, Sweden⁽¹⁾

336 - HIGH RESOLUTION GENETIC MAPPING OF THE CYTOKINE RESPONSE IN THE RAT HETEROGENEOUS STOCK

Sevasti Flytzani⁽¹⁾ - Pernilla Stridh⁽¹⁾ - Diana Ekman⁽¹⁾ - Margarita Diez⁽¹⁾ - Johan Öckinger⁽¹⁾ - Amennai Beyeen⁽¹⁾ - Alan Gillett⁽¹⁾ - Andre Ortlieb⁽¹⁾ - Nada Abdelmagid⁽¹⁾ - Maja Jagodic⁽¹⁾ - Tomas Olsson⁽¹⁾14:30
Karolinska Institute, Karolinska University Hospital, Stockholm, Sweden⁽¹⁾

431 - RBP-JK SNP IS ASSOCIATED WITH DIFFERENTIAL EXPRESSION OF RBP-JK ISOFORMS AND INDUCTION OF IL-9 IN MEMORY T CELLS.

William Orent⁽¹⁾ - Ribal Bassil⁽¹⁾ - Michael Frangieh⁽¹⁾ - Anna Tang⁽¹⁾ - Phillip De Jager⁽¹⁾ - Samia Khoury⁽¹⁾ - Elizabeth Bradshaw⁽¹⁾ - Wassim Elyaman⁽¹⁾14:45
Brigham And Women's Hospital, Harvard Medical School, Boston, United States⁽¹⁾

503 - TO INVESTIGATE THE FUNCTIONAL ROLE OF ZFP36L1 IN MULTIPLE SCLEROSIS: POSSIBLE CONNECTION BETWEEN BRAIN AND STOMACH

Linda Ottoboni⁽¹⁾ - Crystal A. Rawlings⁽¹⁾ - Philip L. De Jager⁽¹⁾15:00
Harvard Medical School, Brigham And Women Hospital, Boston, United States⁽¹⁾

324 - GENOME-WIDE ASSOCIATION OF AUTOIMMUNE NEUROINFLAMMATION IN THE HETEROGENEOUS STOCK OF RATS

Pernilla Stridh⁽¹⁾ - Maja Jagodic⁽¹⁾ - Johan Öckinger⁽¹⁾ - Amennai Beyeen⁽¹⁾ - Alan Gillett⁽¹⁾ - Andre Ortlieb⁽¹⁾ - Nada Abdelmagid⁽¹⁾ - Margarita Diez⁽¹⁾ - Eutatools Collaborators⁽²⁾ - Euratrans Collaborators⁽³⁾ - Tomas Olsson⁽¹⁾15:15
Department Of Clinical Neuroscience, Center For Molecular Medicine, Karolinska Institutet, Stockholm, Sweden⁽¹⁾ - Department Of Psychiatry And Legal Medicine, Universitat Autònoma De Barcelona, Barcelona, Spain⁽²⁾ - Wellcome Trust Center For Human Genetics, Oxford University, Oxford, United Kingdom⁽³⁾



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Tuesday, November 6th, 2012

miRNA2.00pm - 3.30pm Room B (Oral Presentations 5)

Chair: A. Slavin

111 - miRNA SIGNATURE FROM FIVE SUBSETS OF CD4+ T LYMPHOCYTES FROM MULTIPLE SCLEROSIS PATIENTS IN THE REMISSION PHASE.

Julio Cesar Cetrulo Lorenzi ⁽¹⁾ - Dalila Luicila Zanette ⁽¹⁾ - Doralina Guimarães Brum ⁽²⁾ - Amilton Antunes Barreira ⁽³⁾ - Antonio Carlos Dos Santos ⁽³⁾ - Wilson Araújo Silva Jr ⁽¹⁾14:00

São Paulo University, Medical School Of Ribeirão Preto-genetics Department, Ribeirão Preto, Brazil ⁽¹⁾ - São Paulo University, Medical School Of Ribeirão Preto - Neurology Department, Ribeirão Preto, Brazil ⁽²⁾ - São Paulo University, Medical School Of Ribeirão Preto- Neurology Department, Ribeirão Preto, Brazil ⁽³⁾

143 - ROLE OF miR-223 IN MULTIPLE SCLEROSIS AND ITS ANIMAL MODEL

Claudia Cantoni ⁽¹⁾ - Elisa Ridolfi ⁽²⁾ - Todd Fehniger ⁽³⁾ - Anne Cross ⁽⁴⁾ - Laura Piccio ⁽⁴⁾14:15

Department Of Neurology, Washington University, St Louis, United States ⁽¹⁾ - Department Of Neurology, University Of Milan, Milan, Italy ⁽²⁾ - Department Of Medicine, Washington University, St Louis, United States ⁽³⁾ - Department Of Neurology, Washington University, St Louis, United States ⁽⁴⁾

135 - THE microRNAs miR-183 AND miR-9-2 TARGET Nurr1 AND SOCS2 GENES, ESTABLISHING A NEGATIVE FEEDBACK LOOP THAT INHIBITS INFLAMMATION IN MULTIPLE SCLEROSIS.

Francesca Gilli ⁽¹⁾ - Nicole D. Navone ⁽¹⁾ - Simona Perga ⁽¹⁾ - Cristian Cosentino ⁽²⁾ - Cristina Barlassina ⁽³⁾ - Maddalena Arigoni ⁽⁴⁾ - Raffaele A. Calogero ⁽⁵⁾ - Antonio Bertolotto ⁽¹⁾14:30

Neuroscience Institute Cavalieri Ottolenghi (nico), University Hospital San Luigi Gonzaga, Orbassano, Italy ⁽¹⁾ - Department Of Biology, University Of Milan, Milan, Italy ⁽²⁾ - Department Of Sciences And Biomedical Technologies, University Of Milan, Milan, Italy ⁽³⁾ - Molecular Biotechnology Center, University Of Turin, Turin, - ⁽⁴⁾ - Molecular Biotechnology Center, University Of Turin, Turin, Italy ⁽⁵⁾

264 - MICRO-RNAS AND ABNORMAL REGULATION OF PRO-INFLAMMATORY B CELL CYTOKINES IN MS PATIENTS: THE NOVEL miR-132-SURUTIN-1 AXIS.

Yusei Miyazaki ⁽¹⁾ - Héroum Misirliyan ⁽¹⁾ - Craig Moore ⁽¹⁾ - Rui Li ⁽¹⁾ - Nasr Farooqi ⁽¹⁾ - Mayra Solis ⁽¹⁾ - Lorna Galleguillos Goiry ⁽¹⁾ - Omar De Faria Junior ⁽¹⁾ - David Colman ⁽¹⁾ - Ajit Singh Dhaunchak ⁽¹⁾ - Amit Bar-or ⁽¹⁾14:45

Montreal Neurological Institute, McGill University, Montreal, Canada ⁽¹⁾

322 - miR-684 REGULATION OF NEUREXOPHILIN-1 AND ALPHA-NEUREXIN EXPRESSION

Kristen Drescher ⁽¹⁾ - Xian-ming Chen ⁽¹⁾ - W. Brad Schenk ⁽¹⁾ - Thomas Hendricks ⁽¹⁾ - Korey Leland ⁽¹⁾15:00

School Of Medicine, Creighton University, Omaha, Ne, United States ⁽¹⁾

256 - MODULATION OF INFLAMMATORY MONOCYTES WITH A UNIQUE microRNA-GENE SIGNATURE AMELIORATES ALS MICE

Oleg Butovsky ⁽¹⁾ - Siddiqui Shafiuddin ⁽¹⁾ - Galina Gabriely ⁽¹⁾ - Amanda Lanser ⁽¹⁾ - Ben Dake ⁽²⁾ - Murugaiyan Gopal ⁽¹⁾ - Reddy Gali ⁽³⁾ - Lakshmanan Iyer ⁽⁴⁾ - Robert Lawson ⁽⁵⁾ - James Berry ⁽⁵⁾ - Anna Krichevsky ⁽¹⁾ - Merit Cudkowicz ⁽⁵⁾ - Howard Weiner ⁽¹⁾15:15

Department Of Neurology, Center For Neurologic Diseases, Brigham And Women's Hospital, Harvard Medical School, Boston, United States ⁽¹⁾ - Tufts, Tufts, Boston, United States ⁽²⁾ - Harvard Department Of Bioinformatics, Harvard, Boston, United States ⁽³⁾ - Department Of Neuroscience, Tufts, Boston, United States ⁽⁴⁾ - Department Of Neurology, Massachusetts General Hospital, Neurology Clinical Trial Unit Harvard Medical School, Cambridge, United States ⁽⁵⁾

Neuroinflammation.....2.00pm - 3.30pm Room C (Oral Presentations 6)

Chair: S. Miller, I. Campbell

362 - THE SMALL HEAT SHOCK PROTEIN ALPHA B-CRYSTALLIN RESCUES OLIGODENDROCYTE PROGENITORS FROM CUPRIZONE-INDUCED DEMYELINATION AND PROMOTES REMYELINATION

Hedwich F Kuipers ⁽¹⁾ - Jane Yoon ⁽¹⁾ - Jeroen Vister ⁽¹⁾ - Theo D Palmer ⁽²⁾ - Lawrence Steinman ⁽¹⁾14:00

Stanford University, Dept. Of Neurology, Stanford, Ca, United States ⁽¹⁾ - Stanford University, Dept. Of Neurosurgery, Stanford, Ca, United States ⁽²⁾





SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Tuesday, November 6th, 2012

67 - T CELL KILLING OF NEURONS IS PROMOTED BY MICROGLIA

Sarah Haylock-jacobs⁽¹⁾ - Erin O'ferral⁽¹⁾ - Jade Tong⁽¹⁾ - Yan Fan⁽¹⁾ - Claudia Silva⁽¹⁾ - **Voon Wee Yong**⁽¹⁾14:15
Hotchkiss Brain Institute, Department Of Clinical Neuroscience, University Of Calgary, Calgary, Canada⁽¹⁾

112 - IMMUNE-MEDIATED MECHANISMS IN THE PATHOGENESIS OF CEREBRAL AMYLOID ANGIOPATHY-RELATED INFLAMMATION AND ALZHEIMER'S DISEASE: ROLE OF ANTI-A β AUTO-ANTIBODIES

Fabrizio Piazza⁽¹⁾ - Steven M. Greenberg⁽²⁾ - Mario Savoiardo⁽³⁾ - Margherita Gardinetti⁽¹⁾ - Luisa Chiapparini⁽³⁾ - Irina Raicher⁽⁴⁾ - Hideya Sakaguchi⁽⁵⁾ - Monica Brioschi⁽⁶⁾ - Giuseppe Billo⁽⁷⁾ - Antonio Colombo⁽⁸⁾ - Francesca Lanzani⁽⁸⁾ - Giuseppe Piscosquito⁽⁹⁾ - Maria R. Carriero⁽¹⁰⁾ - Giorgio Giaccone⁽¹¹⁾ - Fabrizio Tagliavini⁽¹¹⁾ - Carlo Ferrarese⁽¹²⁾ - Jacopo C. Difrancesco⁽¹²⁾14:30

Dept. Of Neuroscience, Laboratory Of Neurobiology, University Of Milano-bicocca, Monza, Italy⁽¹⁾ - Hemorrhagic Stroke Research Program, Department Of Neurology, Massachusetts General Hospital, Harvard Medical School, Boston, Ma, United States⁽²⁾ - Department Of Neuroradiology, Istituto Neurologico C. Besta, Milano, Italy⁽³⁾ - Department Of Neurology, University Of Sao Paulo, Sao Paulo, Brazil⁽⁴⁾ - Department Of Neurology, Faculty Of Life Sciences, Kumamoto University, Kumamoto, Japan⁽⁵⁾ - Department Of Neurosciences, Ospedale Niguarda Ca' Granda, Milano, Italy⁽⁶⁾ - Department Of Neurology, St. Bortolo Hospital, Vicenza, Italy⁽⁷⁾ - Department Of Neurology, Desio Hospital, Desio, Italy⁽⁸⁾ - Department Of Neurological Sciences, Istituto Neurologico C. Besta, Milano, Italy⁽⁹⁾ - Department Of Cerebrovascular Diseases, Istituto Neurologico C. Besta, Milano, Italy⁽¹⁰⁾ - Department Of Neuropathology And Neurology, Istituto Neurologico C. Besta, Milano, Italy⁽¹¹⁾ - Dept. Of Neuroscience, Laboratory Of Neurobiology, University Of Milano-bicocca, Monza, Italy⁽¹²⁾

118 - ROLE OF CD8+ T CELLS IN MYELIN-INDUCED NEUROINFLAMMATION

Eva Zindler⁽¹⁾ - Tina Leuenberger⁽²⁾ - Magda Paterka⁽¹⁾ - Frauke Zipp⁽³⁾ - Volker Siffrin⁽¹⁾14:45
Department Of Neurology, University Medical Center Mainz, Mainz, Germany⁽¹⁾ - Molecular Neurology Group, Max Delbrück Center For Molecular Medicine, Berlin, Germany⁽²⁾ - Department Of Neurology, University Medical Center Mainz, Mainz, -⁽³⁾

448 - STRAWBERRY NOTCH 2, A NOVEL IL-6/GP130 FAMILY CYTOKINE-REGULATED TARGET GENE IS DIFFERENTIALLY INDUCED IN ASTROCYTES AND MICROGLIA

Magdalena Grill⁽¹⁾ - Rick Frausto⁽¹⁾ - Andy Lu⁽¹⁾ - Dale Hancock⁽¹⁾ - Brendan Jenkins⁽²⁾ - Matthias Ernst⁽³⁾ - Stefan Rose-john⁽⁴⁾ - Iain L. Campbell⁽¹⁾15:00
School Of Molecular Bioscience, University Of Sydney, Sydney, Australia⁽¹⁾ - Monash Institute Of Medical Research, Monash University, Melbourne, Australia⁽²⁾ - The Melbourne-parkville Branch, Ludwig Institute For Cancer Research, Melbourne, Australia⁽³⁾ - Institute Of Biochemistry, University Of Kiel, Kiel, Germany⁽⁴⁾

60 - PROTECTIVE ROLE OF ASTROCYTE SPECIFIC LEPTIN SIGNALING DURING EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS

Pramod Mishra⁽¹⁾ - Xiaojun Wu⁽²⁾ - Suidong Ouyang⁽¹⁾ - Abba J. Kastin⁽¹⁾ - Hung Hsuchoua⁽¹⁾ - Bhavaani Jayaram⁽¹⁾ - Yuping Wang⁽¹⁾ - Ji-ming Feng⁽³⁾ - Weihong Pan⁽¹⁾

Pennington Biomedical Research Center, Louisiana State University, Baton Rouge, United States⁽¹⁾ - University Of Chinese Traditional Medicine, University Of Chinese Traditional Medicine, Shanghai, China⁽²⁾ - School Of Veterinary Medicine, Louisiana State University, Baton Rouge, United States⁽³⁾15:15

Technology Talk 2Plenary Talk 2 (America Ballroom)

547 - INTEGRATED AND DYNAMIC SINGLE-CELL ANALYSIS WITH NANOWELLS FOR IMMUNE MONITORING

Christopher Love⁽¹⁾15:30
Dept. Of Chemical Engineering, Mit, Cambridge, United States⁽¹⁾

PS 10: Immunological mechanisms.....16:30 - 17:30 Poster & Coffee Break (Staffordshire and St. George)

76 - EMMPRIN, A MULTI-FACETED MODULATOR OF IMMUNE CELL FUNCTIONS IN MS

Smriti Agrawal⁽¹⁾ - Claudia Silva⁽¹⁾ - Jackie Williamson⁽¹⁾ - Hania Kebir⁽²⁾ - Alexandre Prat⁽²⁾ - V. Wee Yong⁽¹⁾
Hotchkiss Brain Institute, University Of Calgary, Calgary, Canada⁽¹⁾ - Chum Research Centre, Université De Montréal, Montreal, Canada⁽²⁾

426 - CROSS-IMMUNOREACTIVITY BETWEEN BACTERIAL AND HUMAN AQUAPORINS: A POSSIBLE TRIGGER OF NEUROMYELITIS OPTICA.

Jilpa Patel⁽¹⁾ - Zhihua Ren⁽¹⁾ - Yan Wang⁽¹⁾ - Tao Duan⁽¹⁾ - Thomas Liggett⁽¹⁾ - Eileah Loda⁽¹⁾ - Sarang Brahma⁽¹⁾ - Rajendra Goswami⁽¹⁾ - Richard Byrne⁽²⁾ - Dusan Stefoski⁽¹⁾ - Adil Javed⁽³⁾ - Stephen Miller⁽⁴⁾ - **Roumen Balabanov**⁽¹⁾
Department Of Neurological Sciences, Multiple Sclerosis Center, Rush University Medical Center, Chicago, United States⁽¹⁾ - Department Of Neurosurgery, Rush University Medical Center, Chicago, United States⁽²⁾ - Department Of Neurology, The University Of Chicago, Chicago, United States⁽³⁾ - Department Of Microbiology-immunology, Northwestern University Medical School, Chicago, United States⁽⁴⁾



11th International Congress of Neuroimmunology



SCIENTIFIC PROGRAM

Tuesday, November 6th, 2012

429 - INHIBITORY EFFECTS OF CD25 BLOCKADE ON DEVELOPMENT OF PRO-INFLAMMATORY INNATE LYMPHOID CELLS IS ASSOCIATED WITH DECREASED INTRATHECAL INFLAMMATION IN MS

Sungpil Han ⁽¹⁾ - Justin S.a. Perry ⁽¹⁾ - Quangang Xu ⁽¹⁾ - Lucy B. Kennedy ⁽¹⁾ - **Bibiana Bielekova** ⁽¹⁾
Nih, Ninds/neuroimmunology Branch, Bethesda, United States ⁽¹⁾

407 - REDUCTION OF DENDRITIC CELL IN THE LONG TERM THAN IN EARLY INJECTION DRUG USERS

Omkar Chaudhary ⁽¹⁾ - Manju Bala ⁽²⁾ - Jasbir Singh ⁽³⁾ - Anjali Hazarika ⁽⁴⁾ - Rajesh Kumar ⁽⁵⁾ - Kalpana Luthra ⁽¹⁾
Deptt. Of Biochemistry, All India Institute Of Medical Sciences, Hospital, New Delhi, India ⁽¹⁾ - Regional Std Teaching Training & Research Centre, Safdarjang Hospital, Hospital, New Delhi, India ⁽²⁾ - Deptt. Of Biochemistry, Kurukshetra University, University, Kurukshetra, India ⁽³⁾ - Blood Transfusion Services, Cardiothoracic And Neurosciences Center, All India Institute Of Medical Sciences, Hospital, New Delhi, India ⁽⁴⁾ - Society For Promotion Of Youth And Masses Center, Vasant Kunj, Hospital, New Delhi, India ⁽⁵⁾

486 - MODULATION OF PLASMACYTOID DENDRITIC CELLS BY TLR9 AGONISTS IN EAE

James Crooks ⁽¹⁾ - Davide Mantino ⁽²⁾ - Kate O'brien ⁽³⁾ - Claudia Volpi ⁽²⁾ - **Bruno Gran** ⁽¹⁾ - Francesca Fallarino ⁽²⁾
Division Of Clinical Neurology, University Of Nottingham, Nottingham, ⁽¹⁾ - Department Of Experimental Medicine And Biochemical Sciences, University Of Perugia, Perugia, Italy ⁽²⁾ - Division Of Clinical Neurology, University Of Nottingham, Nottingham, United Kingdom ⁽³⁾

463 - IN VIVO ANTI-LAP MONOCLONAL ANTIBODY TREATMENT EXACERBATES DISEASE IN THE EAE MODEL

Andre Da Cunha ⁽¹⁾ - Henry Wu ⁽¹⁾ - Howard Weiner ⁽¹⁾
Center For Neurologic Diseases, Brigham And Women's Hospital, Harvard Medical School, Boston, United States ⁽¹⁾

491 - EFFECTS OF PUBERTAL TRANSITION ON AUTOIMMUNE RISK IN FEMALE MICE

Jeeyoon Jennifer Ahn ⁽¹⁾ - Marina Moshkova ⁽²⁾ - Hargurinder Singh ⁽³⁾ - Monan Angela Zhang ⁽³⁾ - **Shannon Dunn** ⁽⁴⁾
University Health Network And University Of Toronto, Toronto General/university Of Toronto, Toronto, Canada ⁽¹⁾ - University Health Network, Toronto General, Toronto, Canada ⁽²⁾ - University Of Toronto, University Of Toronto, Toronto, Canada ⁽³⁾ - University Health Network/women's College Research Institute/university Of Toronto, Toronto General And Women's College Hospital, Toronto, Canada ⁽⁴⁾

19 - THE ROLE OF NEURONAL-DERIVED TNF IN PROTECTIVE IMMUNITY AGAINST CENTRAL NERVOUS SYSTEM TUBERCULOSIS

Ngiambudulu Mbandu Francisco ⁽¹⁾ - Boipelo Sebesho ⁽¹⁾ - Roanne Keeton ⁽¹⁾ - Nai-jen Hsu ⁽¹⁾ - Sumayah Salie ⁽¹⁾ - Philippa Randall ⁽¹⁾ - Antoinette Labuschagne ⁽¹⁾ - Nasiema Allie ⁽¹⁾ - Bernhard Ryffel ⁽²⁾ - Lauriston Kellaway ⁽³⁾ - Muazzam Jacobs ⁽⁴⁾
Division Of Immunology, Institute Of Infectious Disease And Molecular Medicine, University Of Cape Town, Cape Town, South Africa ⁽¹⁾ - Immunologie Et Embryologie Moléculaires, Umr6218, Université D'orleans Et Centre National De La Recherche Scientifique, Orleans, France ⁽²⁾ - Department Of Human Biology, University Of Cape Town, Cape Town, South Africa ⁽³⁾ - Division Of Immunology, Institute Of Infectious Disease And Molecular Medicine, And National Health Laboratory Service, University Of Cape Town, Cape Town, South Africa ⁽⁴⁾

312 - IFN- γ LIMITS TH9 MEDIATED AUTOIMMUNE INFLAMMATION THROUGH DENDRITIC CELL MODULATION OF IL-27

Murugaiyan Gopal ⁽¹⁾ - Vanessa Beynon ⁽¹⁾ - Andre Pires Da Cunha ⁽¹⁾ - Nicole Joller ⁽¹⁾ - Howard Weiner ⁽¹⁾
Brigham And Women's Hospital And Harvard Medical School, Harvard University, Boston, United States ⁽¹⁾

330 - VAV1 CONTROLS INFLAMMATION IN EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS (EAE)

Andre Ortlieb Guerreiro-cacaia ⁽¹⁾ - Amennai Daniel Beyeen ⁽¹⁾ - Marie N'diaye ⁽¹⁾ - Maja Jagodic ⁽¹⁾ - Tomas Olsson ⁽¹⁾
Department Of Clinical Neuroscience, Neuroimmunology Unit, Karolinska Institute, Stockholm, Sweden ⁽¹⁾

117 - INTERFERON-BETA THERAPY-INDUCED ELEVATION OF SERUM IL-7 LEVELS IS BLOCKED BY ANTI-DRUG ANTIBODIES

Christina Hermanrud ⁽¹⁾ - Wangko Lundström ⁽¹⁾ - Virginija Karrenbauer ⁽¹⁾ - Jan Hillert ⁽¹⁾ - Anna Fogdell-hahn ⁽¹⁾
Department Of Clinical Neuroscience, Karolinska Institutet, Stockholm, Sweden ⁽¹⁾

84 - HIGH SECRETED LEVELS OF EGF FROM IMMUNE CELLS OF PATIENTS WITH RR-MS MAY BE RELATED TO THE IMPAIRED NEURONAL REPAIR

Yifat Amir-levi ⁽¹⁾ - Karin Mausner-fainberg ⁽²⁾ - **Arnon Karni** ⁽²⁾
Department Of Neurology, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel ⁽¹⁾ - Department Of Neurology, Tel Aviv Sourasky Medical Center, Sackler's Medical School, Tel Aviv University, Tel Aviv, Israel ⁽²⁾



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Tuesday, November 6th, 2012

83 - INCREASED SECRETED LEVELS OF BONE MORPHOGENIC PROTEINS 2, 4 AND 5 BY IMMUNE CELLS OF PATIENTS WITH RELAPSING REMITTING MULTIPLE SCLEROSIS

Karin Mausner-fainberg ⁽¹⁾ - Natali Urshansky ⁽²⁾ - **Arnon Karni** ⁽¹⁾

Department Of Neurology, Tel Aviv Sourasky Medical Center, Sackler's Medical School, Tel Aviv University, Tel Aviv, Israel ⁽¹⁾ - Department Of Neurology, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel ⁽²⁾

383 - p38 MAP KINASE SIGNALING IN MYELOID CELLS CONTROLS AUTOIMMUNE DISEASE OF THE CNS IN A SEX-SPECIFIC MANNER

Dimitry Kremmentsov ⁽¹⁾ - Rajkumar Noubade ⁽²⁾ - Kinya Otsu ⁽³⁾ - Mercedes Rincon ⁽¹⁾ - Cory Teuscher ⁽¹⁾

Department Of Medicine, University Of Vermont, Burlington, United States ⁽¹⁾ - Genentech, Inc, Genentech, Inc, So. San Francisco, United States ⁽²⁾ - Graduate School Of Medicine, Osaka University, Osaka, Japan ⁽³⁾

288 - IL-22 CONFERS RESISTANCE TO EAE AND IS INDUCED IN T CELLS BY CONSTITUTIVE PHOSPHOINOSITIDE-3-KINASE ACTIVITY

Daniele Ielo ⁽¹⁾ - Morad Zayoud ⁽¹⁾ - Khalifa El Malki ⁽¹⁾ - Sonja Reißig ⁽¹⁾ - Christopher Hackenbruch ⁽¹⁾ - Katrin Frauenknecht ⁽²⁾ - Jean-christoph Renaud ⁽³⁾ - Klaus Rajewsky ⁽⁴⁾ - Ari Waisman ⁽¹⁾ - **Florian Kurschus** ⁽¹⁾

Institute For Molecular Medicine, University Medical Center Of The Johannes Gutenberg-university Mainz, Mainz, Germany ⁽¹⁾ - Department For Neuropathology, University Medical Center Of The Johannes Gutenberg-university Mainz, Mainz, Germany ⁽²⁾ - Ludwig Institute For Cancer Research Ltd, Universite Catholique De Louvain, Brussels, Belgium ⁽³⁾ - Immune Regulation And Cancer, Max-delbrück-centrum Für Molekulare Medizin (mdc), Berlin, Germany ⁽⁴⁾

412 - NAD⁺-DEPENDENT HISTONE DEACETYLASE SIRT6 REGULATES IMMUNE CELL FUNCTION AND OMEOSTASIS

Denise Lasigliè ⁽¹⁾ - Sara Morando ⁽²⁾ - Inga Bauer ⁽¹⁾ - Santina Bruzzone ⁽³⁾ - Alessandro Poggi ⁽⁴⁾ - Franco Patrone ⁽⁵⁾ - Alberto Ballestrero ⁽¹⁾ - Carlos Sebastian ⁽⁶⁾ - Raul Mostoslavsky ⁽⁷⁾ - Antonio Uccelli ⁽²⁾ - Alessio Nencioni ⁽⁸⁾

Department Of Internal Medicine, University Of Genoa, Genoa, Italy ⁽¹⁾ - Department Of Neurosciences, Ophthalmology And Genetics, University Of Genoa, Genoa, Italy ⁽²⁾ - Department Of Experimental Medicine, Section Of Biochemistry, University Of Genoa, Genoa, Italy ⁽³⁾ - Slaboratory Of Immunology, Department Of Translational Oncology,, National Institute For Cancer Research, Genoa, Italy ⁽⁴⁾ - Department Of Internal Medicine, University Of Genoa, Genoa, Italy ⁽⁵⁾ - Department Of Medicine, Massachusetts General Hospital Cancer Center, Harvard Medical School, Boston, Italy ⁽⁶⁾ - Department Of Medicine, Massachusetts General Hospital Cancer Center, Harvard Medical School, Genoa, Italy ⁽⁷⁾ - Department Of Internal Medicine, University Of Genoa, Genoa, Italy ⁽⁸⁾

321 - DEFINING THE MINIMAL SIGNALS NECESSARY TO GENERATE AN ENCEPHALITOGENIC T CELL

Priscilla Lee ⁽¹⁾ - Yuhong Yang ⁽²⁾ - Amy Lovett-racke ⁽¹⁾

Microbial Infection And Immunity, The Ohio State University, Columbus, United States ⁽¹⁾ - Department Of Neurology, The Ohio State University, Columbus, United States ⁽²⁾

177 - RGS10 AS A REGULATOR OF CLASSICAL VS. ALTERNATIVE ACTIVATION OF MICROGLIA/MACROPHAGES

Jae-kyung Lee ⁽¹⁾ - Jaegwon Chung ⁽¹⁾ - George Kannarkat ⁽¹⁾ - Malu G. Tansey ⁽¹⁾

Emory University, School Of Medicine, Atlanta, United States ⁽¹⁾

248 - EVALUATION DISEASE ACTIVITY AND STAGING IN MS AND NMO BY T CELL SUBSET TO PREDICT THERAPEUTIC RESPONSE

Youwei Lin ⁽¹⁾ - Yoshihiko Furusawa ⁽²⁾ - Tomoko Okamoto ⁽²⁾ - Miho Murata ⁽²⁾ - Takashi Yamamura ⁽³⁾

National Center Hospital And National Institute Of Neuroscience, National Center Of Neurology And Psychiatry, Tokyo, Japan ⁽¹⁾ - National Center Hospital, National Center Of Neurology And Psychiatry, Tokyo, Japan ⁽²⁾ - National Institute Of Neuroscience, National Center Of Neurology And Psychiatry, Tokyo, Japan ⁽³⁾

243 - ALTERED T CELL MIGRATION RATHER THEN INDUCTION OF APOPTOSIS IS ESSENTIAL FOR GLUCOCORTICOID THERAPY OF EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS

Fred Lühder ⁽¹⁾ - Lisa Fischer ⁽¹⁾ - Nils Schweingruber ⁽¹⁾ - Henrike Fischer ⁽²⁾ - Anna Karabinskya ⁽²⁾ - Holger Reichardt ⁽²⁾

Department Of Neuroimmunology, Institute For Multiple Sclerosis Research, University Of Göttingen, Göttingen, Germany ⁽¹⁾ - Department Of Cellular And Molecular Immunology, University Of Göttingen, Göttingen, Germany ⁽²⁾

174 - PARACASPASE MALT1 DEFICIENCY PROTECTS MICE FROM AUTOIMMUNE-MEDIATED DEMYELINATION

Conor Mc Guire ⁽¹⁾ - Peter Wieghofer ⁽²⁾ - Lynn Elton ⁽¹⁾ - David Muylaert ⁽¹⁾ - Marco Prinz ⁽²⁾ - Rudi Beyaert ⁽¹⁾ - Geert Van Loo ⁽¹⁾

Department For Molecular Biomedical Research/department Of Biomedical Molecular Biology, Vib/ghent University, Ghent, Belgium ⁽¹⁾ - Department Of Neuropathology, Univeristy Of Freiburg, Freiburg, Germany ⁽²⁾



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Tuesday, November 6th, 2012

403 - MOG-ANTIBODIES TRIGGER PRE-ACTIVE LESION FORMATION IN MULTIPLE SCLEROSIS

Laura Peferoen⁽¹⁾ - Hans Van Noort⁽²⁾ - Steven Pfeiffer⁽³⁾ - Wouter Gerritsen⁽¹⁾ - Regina Peferoen-baert⁽¹⁾ - Baukje Van Der Star⁽¹⁾ - Paul Van Der Valk⁽¹⁾ - Sandra Amor⁽¹⁾

Department Pathology, Vu Medical Centre, Vu Medical Centre, Amsterdam, Netherlands⁽¹⁾ - Delta Crystallon, Delta Crystallon, Leiden, Netherlands⁽²⁾ - Department Of Neuroscience, University Of Connecticut Medical School, Connecticut, United States⁽³⁾

192 - ANALYSING THE FUNCTIONAL PHENOTYPES OF THE MULTIPLE SCLEROSIS-ASSOCIATED GENE VARIANTS OF DNAM1 (CD226)

Melanie Piedavent⁽¹⁾ - Britta Eggert⁽¹⁾ - Anne Willing⁽¹⁾ - Karin Steinbach⁽¹⁾ - Manuel A. Frieze⁽¹⁾

Forscherguppe Neuroimmunologie, Zentrum Für Molekulare Neurobiologie Hamburg, Universitätsklinikum Hamburg-eppendorf, Hamburg, Germany⁽¹⁾

430 - NEUROINFLAMMATION INDUCES GABA REUPTAKE TRANSPORTER-2 IN MULTIPLE SCLEROSIS: IMMUNE REGULATION BY THE NEUROSTEROID GANAXOLONE

Amber M. Paul⁽¹⁾ - Maria J. Polyak⁽¹⁾ - Glen B. Baker⁽²⁾ - **Christopher Power**⁽¹⁾

Department Of Medicine, University Of Alberta, Edmonton, Canada⁽¹⁾ - Department Of Psychiatry, University Of Alberta, Edmonton, Canada⁽²⁾

517 - AIOLOS PROMOTES Th17 CELL DIFFERENTIATION BY DIRECTLY SILENCING IL2 EXPRESSION

Francisco J. Quintana⁽¹⁾ - Hulin Jin⁽¹⁾ - Evan J. Burns⁽¹⁾ - Meghan Nadeau⁽¹⁾ - Ada Yeste⁽¹⁾ - Deepak Kumar⁽¹⁾ - Manu Rangachari⁽¹⁾ - Chen Zhu⁽¹⁾ - Sheng Xiao⁽¹⁾ - Vijay K. Kuchroo⁽¹⁾

Center For Neurologic Diseases,, Brigham And Women's Hospital, Harvard Medical School, Boston, United States⁽¹⁾

74 - EFFECT OF HLA-G GENE POLYMORPHISMS IN THE PRODUCTION OF sHLA-G MOLECULES IN RELAPSING-REMITTING MULTIPLE SCLEROSIS

Roberta Rizzo⁽¹⁾ - Daria Bortolotti⁽¹⁾ - Nadia Ben Fredj⁽²⁾ - Antonella Rotola⁽¹⁾ - Francesca Cura⁽¹⁾ - Massimiliano Castellazzi⁽³⁾ - Carmine Tamborino⁽³⁾ - Silva Seraceni⁽⁴⁾ - Eleonora Baldi⁽⁵⁾ - Loredana Melchiorri⁽⁶⁾ - Maria Rosaria Tola⁽⁵⁾ - Enrico Granieri⁽³⁾ - Olavio Baricordi⁽⁶⁾ - Enrico Fainardi⁽⁷⁾

Department Of Experimental And Diagnostic Medicine, Section Of Microbiology, University Of Ferrara, Ferrara, Italy⁽¹⁾ - Laboratory Of Transmissible Diseases And Biological Active Substances, Lr99-es27, Faculty Of Pharmacy, University Of Monastir, Monastir, Tunisia⁽²⁾ - Multiple Sclerosis Centre, Section Of Neurology, Department Of Medical And Surgical Sciences Of The Communication And Behaviour, University Of Ferrara, Ferrara, Italy⁽³⁾ - Section Of Infectious Diseases, Department Of Clinical & Experimental Medicine, University Of Ferrara, Ferrara, Italy⁽⁴⁾ - Multiple Sclerosis Centre, Neurology Unit, Department Of Neurosciences And Rehabilitation, Azienda Ospedaliera-universitaria, Arcispedale S. Anna, Ferrara, Italy⁽⁵⁾ - Department Of Experimental And Diagnostic Medicine, Section Of Medical Genetics, University Of Ferrara, Ferrara, Italy⁽⁶⁾ - Neuroradiology Unit, Department Of Neurosciences And Rehabilitation, Azienda Ospedaliera-universitaria, Arcispedale S. Anna, Ferrara, Italy⁽⁷⁾

75 - IDENTIFICATION OF CIRCULATING NONCLASSIC HUMAN LEUKOCYTE ANTIGEN G (HLA-G)-DIMER MOLECULES IN CEREBROSPINAL FLUIDS FROM MS STABLE PATIENTS

Roberta Rizzo⁽¹⁾ - Daria Bortolotti⁽¹⁾ - Antonella Rotola⁽¹⁾ - Massimiliano Castellazzi⁽²⁾ - Carmine Tamborino⁽²⁾ - Eleonora Baldi⁽³⁾ - Maria Rosaria Tola⁽³⁾ - Enrico Granieri⁽²⁾ - Olavio Baricordi⁽⁴⁾ - Enrico Fainardi⁽⁵⁾

Department Of Experimental And Diagnostic Medicine, Section Of Microbiology, University Of Ferrara, Ferrara, Italy⁽¹⁾ - Multiple Sclerosis Centre, Section Of Neurology, Department Of Medical And Surgical Sciences Of The Communication And Behaviour, University Of Ferrara, Ferrara, Italy⁽²⁾ - Multiple Sclerosis Centre, Neurology Unit, Department Of Neurosciences And Rehabilitation, Azienda Ospedaliera-universitaria, Arcispedale S. Anna, Ferrara, Italy⁽³⁾ - Department Of Experimental And Diagnostic Medicine, Section Of Medical Genetics, University Of Ferrara, Ferrara, Italy⁽⁴⁾ - Neuroradiology Unit, Department Of Neurosciences And Rehabilitation, Azienda Ospedaliera-universitaria, Arcispedale S. Anna, Ferrara, Italy⁽⁵⁾

502 - BOWMAN-BIRK PROTEASE INHIBITOR (BBI) SUPPRESSES Th17 DIFFERENTIATION THROUGH IL-27 SIGNALING PATHWAY

Farinaz Safavi⁽¹⁾ - Javad Rasouli⁽¹⁾ - Guang Xian Zhang⁽¹⁾ - Abdolmohamad Rostami⁽¹⁾

Thomas Jefferson University, Jefferson Hospital For Neuroscience, Philadelphia, United States⁽¹⁾





SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Tuesday, November 6th, 2012

451 - POTENTIAL ROLE OF CCR6+ T CELLS IN INFLAMMATORY DEMYELINATING DISEASES OF CENTRAL NERVOUS SYSTEM

Etsuji Saji ⁽¹⁾ - Musashi Arakawa ⁽¹⁾ - Mariko Hokari ⁽¹⁾ - Yasuko Toyosima ⁽²⁾ - Kaori Yanagawa ⁽¹⁾ - Akiko Yokoseki ⁽¹⁾ - Akiyoshi Kakita ⁽²⁾ - Hitsohi Takahashi ⁽²⁾ - Masatoyo Nishizawa ⁽¹⁾ - Izumi Kawachi ⁽¹⁾

Department Of Neurology, Brain Research Institute, Niigata University, Niigata, Japan ⁽¹⁾ - Department Of Pathology, Brain Research Institute, Niigata University, Niigata, Japan ⁽²⁾

305 - EVIDENCE SUPPORTING THE EXISTENCE OF A NOVEL HISTAMINERGIC PATHWAY IN THE REGULATION OF EXPERIMENTAL ALLERGIC ENCEPHALOMYELITIS SUSCEPTIBILITY

Naresha Saligrama ⁽¹⁾ - Laure K Case ⁽¹⁾ - Roxana Del Rio ⁽¹⁾ - Rajkumar Noubade ⁽²⁾ - Cory Teuscher ⁽³⁾

Department Of Medicine, University Of Vermont, Burlington, Vt, United States ⁽¹⁾ - Department Of Immunology, Genentech, South San Francisco, Ca, United States ⁽²⁾ - Department Of Medicine And Pathology, University Of Vermont, Burlington, Vt, United States ⁽³⁾

105 - INHIBITORY PATHWAY TIM-3/GALECTIN-9 IN PATIENTS WITH MULTIPLE SCLEROSIS

Marina Saresella ⁽¹⁾ - Ivana Marventano ⁽¹⁾ - Federica Piancone ⁽¹⁾ - Paola Tortorella ⁽²⁾ - Domenico Caputo ⁽²⁾ - Marco Rovaris ⁽²⁾ - Mario Clerici ⁽³⁾ - Laboratory Of Molecular Medicine And Biotechnology Irccs S.m.nascente, Don C. Gnocchi Onlus Foundation, Milano, Italy ⁽¹⁾ - Multiple Sclerosis Unit Irccs S.m.nascente, Don C. Gnocchi Onlus Foundation, Milano, Italy ⁽²⁾ - Laboratory Of Molecular Medicine And Biotechnology Irccs S.m.nascente/departament Of Biomedical Sciences And Technologies, Don C. Gnocchi Onlus Foundation/ University Of Milano, Milano, Italy ⁽³⁾

14 - EVALUATION OF TH17-RELATED PARAMETERS IN MULTIPLE SCLEROSIS PATIENTS UNDER IMMUNOMODULATORY IFN- β 1 THERAPY

Guliz Sayat ⁽¹⁾ - Asli Kurne ⁽¹⁾ - Gunes Esendagli ⁽²⁾ - Dicle Guc ⁽²⁾ - Rana Karabudak ⁽¹⁾

Neuroimmunology Unit, Hacettepe University, Medical Faculty, Department Of Neurology, Ankara, Turkey ⁽¹⁾ - Institute Of Oncology, Hacettepe University, Department Of Basic Oncology, Ankara, Turkey ⁽²⁾

166 - INTERFERON-BETA UP-REGULATES SUPPRESSOR OF CYTOKINE SIGNALLING 1 IN T CELLS OF MULTIPLE SCLEROSIS PATIENTE

Raphael Schneider ⁽¹⁾ - Diane Beauseigle ⁽²⁾ - Pierre Duquette ⁽³⁾ - Alexandre Prat ⁽²⁾ - Howard Johnson ⁽⁴⁾ - Nathalie Arbour ⁽²⁾

University Of Toronto, Division Of Neurology, Toronto, Canada ⁽¹⁾ - Université De Montréal, Crchum-notre-dame Hospital, Montréal, Canada ⁽²⁾ - Université De Montréal, Notre-dame Hospital, Montréal, Canada ⁽³⁾ - University Of Florida, Department Of Microbiology And Cell Science, Gainesville, United States ⁽⁴⁾

203 - REGULATION OF IMMUNE RESPONSES BY NEURONS IN THE CENTRAL NERVOUS SYSTEM

Li Tian ⁽¹⁾ - Heikki Rauvala ⁽¹⁾

Neuroscience Center, University Of Helsinki, Helsinki, Finland ⁽¹⁾

304 - MULTIPLE SCLEROSIS-ASSOCIATED CLEC16A HAS A KEY ROLE IN PROCESSING AND SURFACE EXPRESSION OF HLA CLASS II VIA LATE ENDOSOMES

Marvin M. Van Luijn ⁽¹⁾ - Karim L. Kreft ⁽²⁾ - Marlieke L. Jongsma ⁽³⁾ - Steven W. Mes ⁽¹⁾ - Annet F. Wierenga-wolf ⁽¹⁾ - Marjan Van Meurs ⁽¹⁾ - Jacques Neeffjes ⁽³⁾ - Jon D. Laman ⁽¹⁾ - Rogier Q. Hintzen ⁽²⁾

Department Of Immunology, Erasmus Mc, University Medical Center, Ms Centre Erasmus, Rotterdam, Netherlands ⁽¹⁾ - Department Of Neurology, Erasmus Mc, University Medical Center, Ms Centre Erasmus, Rotterdam, Netherlands ⁽²⁾ - Division Of Cell Biology, The Netherlands Cancer Institute, Amsterdam, Netherlands ⁽³⁾

47 - INTERLEUKIN-17A PROMOTES ACCUMULATION OF ACTIVATED MICROGLIA/MACROPHAGES IN DIFFERENT MODELS OF INFLAMMATORY CNS DISEASES

Julian Zimmermann ⁽¹⁾ - Michael Emrich ⁽¹⁾ - Marius Krauthausen ⁽¹⁾ - Markus Hofer ⁽²⁾ - Iain Campbell ⁽³⁾ - Marcus Müller ⁽¹⁾

Dept. Of Neurology, University Hospital Of Bonn, Bonn, Germany ⁽¹⁾ - Dept. Of Neuropathology, University Hospital Of Marburg, Marburg, Germany ⁽²⁾ - School Of Molecular Biosciences, Univesity Of Sydney, Sydney, Australia ⁽³⁾



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Tuesday, November 6th, 2012

PS 11: Genetics.....16:30 - 17:30 Poster & Coffee Break (Staffordshire and St. George)

552 - NEUINFLAM9/TOXO1 REGULATES THE INNATE IMMUNE RESPONSE AFTER NERVE INJURY AND SUSCEPTIBILITY TO AUTOIMMUNE NEUROINFLAMMATION IN RAT

Nada Abdelmagid ⁽¹⁾ - Faiez Al Nimer ⁽¹⁾ - Johan Öckinger ⁽¹⁾ - Rickard Lindblom ⁽¹⁾ - Xingmei Zhang ⁽¹⁾ - Sahl K. Bedri ⁽¹⁾ - Abdelhadi Saoudi ⁽²⁾ - Gilbert Fournié ⁽²⁾ - Tomas Olsson ⁽¹⁾ - Maja Jagodic ⁽¹⁾ - Fredrik Piehl ⁽¹⁾ - Margarita Diez ⁽¹⁾

Neuroimmunology Unit, Department Of Clinical Neuroscience, Karolinska University Hospital, Karolinska Institutet, Stockholm, Sweden ⁽¹⁾ - Inserm, Centre De Physiopathologie De Toulouse Purpan, Toulouse, France ⁽²⁾

390 - ASSOCIATION OF HLA-DRB1*14, DRB1*16 AND HLA-DQ5 WITH MUSK-MYASTHENIA GRAVIS IN TURKISH PATIENTS

Mahdi Alahgholi Hajibehzad ⁽¹⁾ - Vuslat Yilmaz ⁽¹⁾ - Yesim Gulsen Parman ⁽²⁾ - Fikret Aysal ⁽³⁾ - Piraye Oflazer ⁽²⁾ - Feza Deymeer ⁽²⁾ - Guher Saruhan Direskeneli ⁽¹⁾

Physiology, I.u Istanbul Medical Faculty, Istanbul, Turkey ⁽¹⁾ - Neurology, I.u Istanbul Medical Faculty, Istanbul, Turkey ⁽²⁾ - Psychiatric And Neurological Disesses, I.u Istanbul Medical Faculty, Istanbul, Turkey ⁽³⁾

251 - NATURAL VARIATION IN THE MURINE Y CHROMOSOME INFLUENCES GENE REGULATION AND SUSCEPTIBILITY TO EXPERIMENTAL ALLERGIC ENCEPHALOMYELITIS

Laure Case ⁽¹⁾ - Emma Wall ⁽¹⁾ - Julie Dragon ⁽¹⁾ - Naresha Saligrama ⁽¹⁾ - Elizabeth Blankenhorn ⁽²⁾ - Sally Huber ⁽¹⁾ - Cory Teuscher ⁽¹⁾

Academic, University Of Vermont, Burlington, United States ⁽¹⁾ - Academic, Drexel University, Philadelphia, United States ⁽²⁾

382 - HISTAMINE H1 RECEPTOR ALLELE-SPECIFIC INTERACTIONS REGULATE SUSCEPTIBILITY TO CNS AUTOIMMUNE DISEASE.

Sean A. Diehl ⁽¹⁾ - Laure Case ⁽¹⁾ - Kristiaan Finstad ⁽¹⁾ - Rajkumar Noubade ⁽¹⁾ - Marion Weir ⁽²⁾ - Bryan A. Ballif ⁽²⁾ - Cory Teuscher ⁽³⁾

Department Of Medicine-immunobiology, University Of Vermont, Burlington, Vt, United States ⁽¹⁾ - Department Of Biology, University Of Vermont, Burlington, Vt, United States ⁽²⁾ - Departments Of Medicine-immunobiology And Pathology, University Of Vermont, Burlington, Vt, United States ⁽³⁾

226 - GENETIC VARIATIONS IN C-TYPE LECTIN RECEPTORS ARE INVOLVED IN THE REGULATION OF NEUROPATHIC PAIN-LIKE BEHAVIOR AFTER PERIPHERAL NERVE INJURY

Cecilia Dominguez ⁽¹⁾ - Karl Carlström ⁽¹⁾ - Faiez Al Nimer ⁽¹⁾ - Andre Ortlieb ⁽¹⁾ - Fredrik Piehl ⁽¹⁾

Department Of Clinical Neuroscience, Unit For Neuroimmunology, Karolinska Institutet, Stockholm, Sweden ⁽¹⁾

530 - MAPPING GENOME-WIDE EXPRESSION IN EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS HIGHLIGHTS DISEASE CORRELATED GENE NETWORKS AND POSITIONAL CANDIDATE GENES REGULATING AUTOIMMUNITY

Melanie Thessen Hedreul ⁽¹⁾ - Steffen Möller ⁽²⁾ - Pernilla Stridh ⁽¹⁾ - Rasmus Berglund ⁽¹⁾ - Andre Ortlieb Guerreiro-cacais ⁽¹⁾ - Ann-kristin Grimm ⁽³⁾ - Yask Gupta ⁽⁴⁾ - Johan Öckinger ⁽¹⁾ - Alan Gillett ⁽¹⁾ - Amennai Daniel Beyeen ⁽¹⁾ - Margarita Diez ⁽¹⁾ - Tomas Olsson* ⁽¹⁾ - **Maja Jagodic*** ⁽¹⁾

Department Of Clinical Neuroscience, Center For Molecular Medicine, Karolinska Institutet, Stockholm, Sweden ⁽¹⁾ - Department Of Dermatology And Institute For Neuro- And Bioinformatics, University Of Lübeck, Lübeck, Germany ⁽²⁾ - Institute For Neuro- And Bioinformatics, University Of Lübeck, Lübeck, Germany ⁽³⁾ - Department Of Dermatology, University Of Lübeck, Lübeck, Germany ⁽⁴⁾

453 - CD59 MUTATION IS ASSOCIATED WITH CHRONIC INFLAMMATORY DEMYELINATING POLYRADICULONEUROPATHY AND CHRONIC HEMOLYSIS IN NORTH-AFRICAN-JEWISH INFANTS

Dror Mevorach ⁽¹⁾

Hadassah Medical Center, Hebbrew University, Jerusalem, Israel ⁽¹⁾

34 - MOLECULAR NETWORK ANALYSIS OF ChIP-Seq-BASED VITAMIN D TARGET GENES

Jun-ichi Satoh ⁽¹⁾ - Hiroko Tabunoki ⁽¹⁾

Bioinformatics And Molecular Neuropathology, Meiji Pharmaceutical University, Tokyo, Japan ⁽¹⁾



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Tuesday, November 6th, 2012

PS 12: miRNA16:30 - 17:30 Poster & Coffee Break (Staffordshire and St. George)

416 - NATALIZUMAB THERAPY RESTORES EXPRESSION OF MIRNAS IN MULTIPLE SCLEROSIS PATIENTS

Jens Ingwersen ⁽¹⁾ - Til Menge ⁽¹⁾ - Derya Kaya ⁽²⁾ - Timour Prozorovski ⁽¹⁾ - Britta Wingerath ⁽¹⁾ - Andreas Keller ⁽³⁾ - Markus Beier ⁽³⁾ - Matthias Scheffler ⁽³⁾ - Thomas Dehmel ⁽¹⁾ - Bernd Kieseier ⁽¹⁾ - Hans-peter Hartung ⁽¹⁾ - Patrick Küry ⁽¹⁾ - **Orhan Aktas** ⁽¹⁾
Department Of Neurology, Heinrich-heine-university Düsseldorf, Düsseldorf, Germany ⁽¹⁾ - Department Of Neurology, Dokuz Eylul University, Izmir, Turkey ⁽²⁾ - Cbc, Comprehensive Biomarker Center, Heidelberg, Germany ⁽³⁾

231 - NEXT GENERATION SEQUENCING IDENTIFIES MICRO RNAS THAT ASSOCIATE WITH PATHOGENIC AUTOIMMUNE ACTIVATION LEADING TO NEUROINFLAMMATION IN RATS

Petra Bergman ⁽¹⁾ - Tojo James ⁽¹⁾ - Sabrina Ruhrmann ⁽¹⁾ - Anders Kvist ⁽²⁾ - Gordana Supic ⁽¹⁾ - Alan Gillett ⁽¹⁾ - Andor Pivarcsi ⁽³⁾ - Maja Jagodic ⁽¹⁾
Department Of Clinical Neuroscience, Center For Molecular Medicine, Karolinska Institutet, Stockholm, Sweden ⁽¹⁾ - Department Of Oncology, Clinical Sciences, Lund University And Skåne University Hospital, Lund, Sweden ⁽²⁾ - Department Of Medicine, Center For Molecular Medicine, Karolinska Institutet, Stockholm, Sweden ⁽³⁾

25 - DECREASED miR-219 EXPRESSION IN MS PATIENTS: POSSIBLE ROLE OF miR-219 IN THE PATHOGENESIS OF MS

Ilona Bruinsma ⁽¹⁾ - Evert-jan Kooij ⁽²⁾ - Jeroen Geurts ⁽²⁾ - Marcel Verbeek ⁽¹⁾ - Brigit De Jong ⁽¹⁾
Radboud University Nijmegen Medical Centre, Hospital, Nijmegen, Netherlands ⁽¹⁾ - Vu University Medical Centre, Hospital, Amsterdam, Netherlands ⁽²⁾

90 - miR-126 AND miR-126* PLAY A ROLE IN FLOW-BASED LEUKOCYTE ADHESION ON CYTOKINE-ACTIVATED HUMAN BRAIN MICROVASCULAR ENDOTHELIUM IN VITRO

Camilla Cerutti ⁽¹⁾ - Alejandro Lopez ⁽¹⁾ - Mark Hirst ⁽¹⁾ - Basil Sharrack ⁽²⁾ - David Male ⁽¹⁾ - Ignacio Romero ⁽¹⁾
The Open University, The Open University, Milton Keynes, United Kingdom ⁽¹⁾ - University Of Sheffield, Royal Hallamshire Hospital, Sheffield, United Kingdom ⁽²⁾

221 - THE EFFECT OF IL-1 β -REGULATED microRNA34A ON THE EXPRESSION OF MICROTUBULE-ASSOCIATED PROTEIN TAU

Carla Kruse ⁽¹⁾
Harvard Institute Of Medicine, Harvard University, Boston, United States ⁽¹⁾

425 - DIFFERENTIAL EXPRESSION OF microRNAs IN ACTIVATED HUMAN MYELOID CELLS AND EX VIVO MONOCYTES IN MULTIPLE SCLEROSIS PATIENTS

Craig S. Moore ⁽¹⁾ - Bryce A. Durafour ⁽¹⁾ - Amit Bar-or ⁽¹⁾ - Jack P. Antel ⁽¹⁾
McGill University, Montreal Neurological Hospital And Institute, Montreal, Canada ⁽¹⁾

PS 14: Neuroinflammation16:30 - 17:30 Poster & Coffee Break (Staffordshire and St. George)

370 - THE PROKINETICIN SYSTEM IN EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS: POSSIBLE NOVEL TARGETS FOR IMMUNE INTERVENTION

Mohamad Abou-hamdan ⁽¹⁾ - Massimo Costanza ⁽¹⁾ - Silvia Musio ⁽¹⁾ - Elena Fontana ⁽²⁾ - Gianfranco Balboni ⁽³⁾ - Rosetta Pedotti ⁽¹⁾
Neuroimmunology And Neuromuscular Disorders Unit, Irccs Foundation Neurological Institute "carlo Besta", Milan, Italia ⁽¹⁾ - Department Of Pathology, University Of Brescia, Brescia, Italy ⁽²⁾ - Department Of Toxicology, University Of Cagliari, Cagliari, Italia ⁽³⁾

325 - CCR4 IS REQUIRED FOR EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS BY REGULATING GM-CSF AND IL-23 PRODUCTION IN DENDRITIC CELLS

Karola Poppensieker ⁽¹⁾ - David M. Otte ⁽¹⁾ - Britta Schürmann ⁽¹⁾ - Andreas Limmer ⁽²⁾ - Philipp Dresing ⁽³⁾ - Eva Drews ⁽¹⁾ - Beatrix Schumak ⁽⁴⁾ - Luisa Klotz ⁽⁵⁾ - Jennifer Raasch ⁽⁶⁾ - Alexander Mildner ⁽⁶⁾ - Ari Waisman ⁽⁷⁾ - Stefanie Scheu ⁽³⁾ - Percy Knolle ⁽²⁾ - Irmgard Förster ⁽⁸⁾ - Marco Prinz ⁽⁶⁾ - Wolfgang Maier ⁽⁹⁾ - Andreas Zimmer ⁽¹⁾ - **Judith Alferink** ⁽¹⁰⁾
Institute Of Molecular Psychiatry, University Of Bonn, Bonn, Germany ⁽¹⁾ - Institutes Of Molecular Medicine And Experimental Immunology, University Of Bonn, Bonn, Germany ⁽²⁾ - Institute Of Medical Microbiology And Hospital Hygiene, University Of Düsseldorf, Düsseldorf, Germany ⁽³⁾ - Institute For Medical Microbiology, Immunology And Parasitology, University Of Bonn, Bonn, Germany ⁽⁴⁾ - Clinic For Neurology



11th International Congress of Neuroimmunology



SCIENTIFIC PROGRAM

Tuesday, November 6th, 2012

– Inflammatory Disorders Of The Nervous System And Neuro-oncology, University Of Münster, Münster, Germany ⁽⁵⁾ - Institute Of Neuropathology, Bioss Centre For Biological Signaling Studies, University Of Freiburg, Freiburg, Germany ⁽⁶⁾ - Institute For Molecular Medicine, University Medical Center Of The Johannes Gutenberg University Mainz, Mainz, Germany ⁽⁷⁾ - Immunology And Environment, Life & Medical Sciences Institute (limes), Bonn, Germany ⁽⁸⁾ - Department Of Psychiatry, University Of Bonn, Bonn, Germany ⁽⁹⁾ - Institute Of Molecular Psychiatry And Department Of Psychiatry, University Of Bonn, Bonn, Germany ⁽¹⁰⁾

263 - ROLE OF COMPLEMENT IN AN ALPHA-SYNUCLEIN OVEREXPRESSION MODEL OF PARKINSON DISEASE

Heather E. Allen ⁽¹⁾ - Caitlin B. Thomas ⁽¹⁾ - Ashley S. Harms ⁽¹⁾ - David G. Standaert ⁽¹⁾

Center For Neurodegeneration And Experimental Therapeutics, Department Of Neurology, University Of Alabama At Birmingham, Birmingham, Alabama, United States ⁽¹⁾

320 - BETA-AMYLOID INDUCES APOPTOSIS OF PHAGOCYTIC MICROGLIA AND MACROPHAGES

Alicia A. Babcock ⁽¹⁾ - Laura Ilkjær ⁽¹⁾ - Martin Wirenfeldt ⁽¹⁾ - Thomas Krøigård ⁽¹⁾ - Christa L. Myhre ⁽¹⁾ - Henrik Toft-hansen ⁽²⁾ - Lasse Dissing-olesen ⁽¹⁾ - Tomas Deierborg ⁽³⁾ - Sultan Darvesh ⁽⁴⁾ - Morten S. Jensen ⁽⁵⁾ - Mark J. West ⁽⁵⁾ - Bente Finsen ⁽¹⁾

Institute Of Molecular Medicine, University Of Southern Denmark, Odense, Denmark ⁽¹⁾ - Departments Of Pediatrics And Clinical Immunology, Odense University Hospital, University Of Southern Denmark, Odense, Denmark ⁽²⁾ - Department Of Experimental Medical Science, Lund University, Lund, Sweden ⁽³⁾ - Department Of Medicine, Anatomy & Neurobiology, And Maritime Brain Tissue Bank, Dalhousie University, Halifax, Canada ⁽⁴⁾ - Institute For Biomedicine, University Of Aarhus, Aarhus, Denmark ⁽⁵⁾

212 - EXPOSURE OF MICROGLIA TO GMCSF/IL4 IMPAIRS TOLL-LIKE RECEPTOR-INDUCED TRANSCRIPTION PROGRAMMES WITHOUT AFFECTING BINDING OF NF-κB TO ITS CONSENSUS SEQUENCE

Céline Van Der Putten ⁽¹⁾ - Ella Zuiderwijk-sick ⁽¹⁾ - Erica Pasini ⁽²⁾ - Hedwich Kuipers ⁽³⁾ - Marja Van Eggermond ⁽³⁾ - Linda Van Straalen ⁽¹⁾ - Ivanela Kondova ⁽⁴⁾ - Paul Van Der Valk ⁽⁵⁾ - Sandra Amor ⁽⁵⁾ - Peter Van Den Elsen ⁽³⁾ - **Jeffrey Bajramovic** ⁽¹⁾

Unit Alternatives, Biomedical Primate Research Centre, Rijswijk, Netherlands ⁽¹⁾ - Department Of Parasitology, Biomedical Primate Research Centre, Rijswijk, Netherlands ⁽²⁾ - Department Of Immunohematology And Blood Transfusion, Leiden University Medical Center, Leiden, Netherlands ⁽³⁾ - Animal Science Department, Biomedical Primate Research Centre, Rijswijk, Netherlands ⁽⁴⁾ - Pathology Department, VU Medical Center, Amsterdam, Netherlands ⁽⁵⁾

415 - EPIGENETIC CONTROL OF CYTOKINE-INDUCED CELL DEATH

Jilpa Patel ⁽¹⁾ - Sarang Brahma ⁽¹⁾ - Yan Wang ⁽¹⁾ - Eileah Loda ⁽¹⁾ - David Liebenson ⁽¹⁾ - Rajendra Goswami ⁽¹⁾ - Dusan Stefoski ⁽¹⁾ - Roumen Balabanov ⁽¹⁾

Department Of Neurological Sciences, Multiple Sclerosis Center, Rush University Medical Center, Chicago, United States ⁽¹⁾

492 - CANNABIDIOL REDUCES HOST IMMUNE RESPONSE AND PREVENTS COGNITIVE IMPAIRMENTS IN WISTAR RATS SUBMITTED TO PNEUMOCOCCAL MENINGITIS

Tatiana Barichello ⁽¹⁾ - Ernesto Antonio Macongondé ⁽¹⁾ - Renan Ceretta ⁽¹⁾ - Jaqueline Silva Generoso ⁽¹⁾ - Ana Paula Moreira ⁽¹⁾ - Clarissa Martinelli Comim ⁽²⁾ - João Quevedo ⁽²⁾ - Marcia Carvalho Vilela ⁽³⁾ - Antono Waldo Zuari ⁽⁴⁾ - José Antonio Crippa ⁽⁴⁾ - Antonio Lucio Teixeira ⁽⁵⁾ - Laboratory Of Experimental Microbiology, University Of Southern Santa Catarina, Criciúma, Brazil ⁽¹⁾ - Laboratory Of Neurosciences, University Of Southern Santa Catarina, Criciúma, Brazil ⁽²⁾ - Department Do Animal Biology, Federal University Of Vicoça, Viçosa, Brazil ⁽³⁾ - Department Of Neurosciences And Behavioral Science, University São Paulo, Ribeirão Preto, Brazil ⁽⁴⁾ - Laboratory Of Immunopharmacology, Federal University Minas Gerais, Belo Horizonte, Brazil ⁽⁵⁾

150 - A TWO-SIGNAL MODEL FOR THE ACTIVATION OF THE BLOOD-CSF BARRIER FOR IMMUNE CELLS TRAFFICKING

Kuti Baruch ⁽¹⁾ - Gilad Kunis ⁽¹⁾ - Neta Rosenzweig ⁽¹⁾ - Michal Schwartz ⁽¹⁾

Weizmann Institute Of Science, University, Rehovot, Israel ⁽¹⁾

46 - MONOCYTE-DERIVED MACROPHAGES ORCHESTRATE REPAIR UNDER STERILE AND IMMUNE-MEDIATED NEURODEGENERATIVE CONDITIONS

Inbal Benhar ⁽¹⁾ - Anat London ⁽¹⁾ - Elena Itskovich ⁽¹⁾ - Vyacheslav Kalchenko ⁽²⁾ - Matthias Mack ⁽³⁾ - Steffen Jung ⁽⁴⁾ - Rachel R. Caspi ⁽⁵⁾ - Michal Schwartz ⁽¹⁾

Department Of Neurobiology, Weizmann Institute Of Science, Rehovot, Israel ⁽¹⁾ - Department Of Veterinary Resources, Weizmann Institute Of Science, Rehovot, Israel ⁽²⁾ - Department Of Internal Medicine, University Of Regensburg, Regensburg, Germany ⁽³⁾ - Department Of Immunology, Weizmann Institute Of Science, Rehovot, Israel ⁽⁴⁾ - Laboratory Of Immunology, National Eye Institute/nih, Bethesda, Md, United States ⁽⁵⁾



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Tuesday, November 6th, 2012

401 - VARIATIONS IN AUTOPHAGY RELATED GENE Atg7 EXPRESSION CORRELATE TO DISEASE PHENOTYPES IN MULTIPLE SCLEROSIS AND EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS

Melanie Thessen Hedreul Berglund ⁽¹⁾ - **Rasmus Berglund Berglund** ⁽²⁾

Clinical Neuroscience, Department Of Neuroimmunology Cmm, Karolinska Hospital, Stockholm, Sweden ⁽¹⁾ - Clinical Neuroscience, Department Of Neuroimmunology Cmm, Karolinska Hospital, Stockholm, Sweden ⁽²⁾

506 - ALLERGY-INDUCED COGNITIVE ABNORMALITIES AND NEUROINFLAMMATION IN AN OVA-INDUCED FOOD ALLERGY MODEL ARE PREVENTED BY A DIETARY INTERVENTION.

Sander De Kivit ⁽¹⁾ - Mary E. Morgan ⁽¹⁾ - Theodora Panagaki ⁽¹⁾ - **Aletta Kraneveld** ⁽¹⁾ - Johan Garssen ⁽¹⁾ - Ronald Oosting ⁽¹⁾

Utrecht University, Utrecht University, Utrecht, Netherlands ⁽¹⁾

139 - TRANSGENIC INHIBITION OF ASTROGLIAL NF-KAPPA B PROTECTS FROM OPTIC NERVE DEMYELINATION AND RETINAL GANGLION CELL LOSS IN EXPERIMENTAL OPTIC NEURITIS.

Roberta Brambilla ⁽¹⁾ - Galina Dvorianchikova ⁽²⁾ - David Barakat ⁽²⁾ - Dmitry Ivanov ⁽²⁾ - Valery I. Shestopalov ⁽²⁾ - John R. Bethea ⁽¹⁾

University Of Miami Miller School Of Medicine, The Miami Project To Cure Paralysis, Miami, United States ⁽¹⁾ - University Of Miami Miller School Of Medicine, Bascom Palmer Eye Institute, Miami, United States ⁽²⁾

511 - DEFICIENCY OF THE COMPLEMENT ANAPHYLATOXIN RECEPTOR C3aR ON LEUKOCYTES WORSENS THE OUTCOME FROM SPINAL CORD INJURY BY PROMOTING NEUTROPHILIA

Faith H Brennan ⁽¹⁾ - Linda V Blomster ⁽¹⁾ - Alexander M Costantini ⁽¹⁾ - Stephen M Taylor ⁽¹⁾ - Trent M Woodruff ⁽¹⁾ - Marc J Ruitenber ⁽¹⁾

The School Of Biomedical Sciences, The University Of Queensland, Brisbane, Australia ⁽¹⁾

131 - ABSENCE OF IGF1R FROM OLIGODENDROCYTES AMELIORATES EAE

Giuseppe Locatelli ⁽¹⁾ - Olivia Prazeres Da Costa ⁽²⁾ - Barbara Ingold ⁽³⁾ - Linda Koch ⁽⁴⁾ - Jens Bruening ⁽⁵⁾ - Burkhard Becher ⁽⁶⁾ - **Thorsten Buch** ⁽⁷⁾

Institute Of Experimental Immunology, University Of Zurich, Zurich, Switzerland ⁽¹⁾ - Institute For Medical Microbiology, Immunology And Hygiene, Technische Universität München, Munich, Germany ⁽²⁾ - Institute Of Pathology, Charite, Berlin, Germany ⁽³⁾ - Institut For Genetics, University Of Cologne, Cologne, Germany ⁽⁴⁾ - Institute For Genetics, University Of Cologne, Cologne, Germany ⁽⁵⁾ - Institute Of Pathology, University Of Zurich, Zurich, Switzerland ⁽⁶⁾ - Institute Of Medical Microbiology, Immunology And Hygiene, Technische Universität München, Munich, Germany ⁽⁷⁾

130 - INDUCED OLIGODENDROCYTE DEATH DOES NOT ELICIT ANTI-MYELIN AUTOIMMUNITY

Thorsten Buch ⁽¹⁾ - Simone Woertge ⁽²⁾ - Giuseppe Locatelli ⁽³⁾ - Barbara Ingold ⁽⁴⁾ - Fredericke Frommer ⁽⁵⁾ - Bettina Sobottka ⁽³⁾ - Monika Krueger ⁽⁶⁾ - Frank Heppner ⁽⁷⁾ - Ari Waisman ⁽⁸⁾ - Burkhard Becher ⁽³⁾

Institute For Medical Microbiology, Immunology And Hygiene, Technische Universität München, Munich, Germany ⁽¹⁾ - Institute For Medical Microbiology, Immunology And Hygiene, Johannes-gutenberg-university Mainz, Mainz, Germany ⁽²⁾ - Institute Of Experimental Immunology, University Of Zurich, Zurich, Switzerland ⁽³⁾ - Institute Of Pathology, Charite, Berlin, Germany ⁽⁴⁾ - Institute For Molecular Medicine, Johannes-gutenberg University, Mainz, Germany ⁽⁵⁾ - Institute Of Anatomy, University Of Leipzig, Leipzig, Germany ⁽⁶⁾ - Institute Of Anatomy, Charite, Berlin, Germany ⁽⁷⁾ - Institute For Molecular Medicine, Johannes-gutenberg University Mainz, Mainz, Germany ⁽⁸⁾

245 - ROLE OF TRANS-SIGNALING IN MEDIATING THE ACTIONS OF INTERLEUKIN-6 IN THE CENTRAL NERVOUS SYSTEM

Iain Campbell ⁽¹⁾ - Sue Ling Lim ⁽¹⁾ - Maria Erta ⁽²⁾ - Ricardo Frausto ⁽¹⁾ - Stefan Rose-john ⁽³⁾ - Juergen Scheller ⁽⁴⁾ - Juan Hidalgo ⁽²⁾

School Of Molecular Bioscience, University Of Sydney, Sydney, Australia ⁽¹⁾ - Institute Of Neuroscience, Autonomous University Of Barcelona, Barcelona, Spain ⁽²⁾ - Department Of Biochemistry, University Of Kiel, Kiel, Germany ⁽³⁾ - Department Of Biochemistry, University Of Duesseldorf, Duesseldorf, Germany ⁽⁴⁾

418 - GLYCINE RECEPTOR ANTIBODIES: CLINICAL SPECTRUM AND PATHOGENIC MECHANISMS OF THE ANTIBODIES

Alexander Carvajal ⁽¹⁾ - Maria Isabel Leite ⁽¹⁾ - Linda Clover ⁽¹⁾ - Mark Woodhall ⁽¹⁾ - Patrick Waters ⁽¹⁾ - Angela Vincent ⁽¹⁾

Department Of Clinical Neurosciences John Radcliffe Hospital, University Of Oxford, Oxford, United Kingdom ⁽¹⁾

384 - ANTIGEN-SPECIFIC THERAPIES IN MYELIN OLIGODENDROCYTE GLYCOPROTEIN-INDUCED EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS: A MODEL FOR PAEDIATRIC MULTIPLE SCLEROSIS AND ACUTE DISSEMINATED ENCEPHALOMYELITIS.

Katie Jean Chapple ⁽¹⁾ - Maren Lindner ⁽¹⁾ - Carl S Goodyear ⁽¹⁾ - Christopher Linington ⁽¹⁾

Immunology, Infection And Inflammation, University Of Glasgow, Glasgow, United Kingdom ⁽¹⁾



11th International Congress of Neuroimmunology



SCIENTIFIC PROGRAM

Tuesday, November 6th, 2012

194 - DISTINCT SUBSETS OF INTERLEUKIN-1 RECEPTOR ANTAGONIST PRODUCING CELLS ARE NEUROPROTECTIVE AFTER FOCAL CEREBRAL ISCHEMIA IN MICE

Bettina Hjelm Clausen ⁽¹⁾ - Kate Lykke Lambertsen ⁽¹⁾ - Alicia Babcock ⁽¹⁾ - Christian Ulrich Linstow ⁽¹⁾ - Tomas Deierborg ⁽²⁾ - Bente Finsen ⁽¹⁾
Institute For Molecular Medicine, University Of Southern Denmark, Odense, Denmark ⁽¹⁾ - Department Of Experimental Medical Science, Wallenberg Neuroscience Center, Lund University, Lund, Sweden ⁽²⁾

371 - PROLACTIN IS DISPENSABLE TO THE DEVELOPMENT OF EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS

Massimo Costanza ⁽¹⁾ - Silvia Musio ⁽¹⁾ - Nadine Binart ⁽²⁾ - Mhamad Abou-hamdan ⁽¹⁾ - Rosetta Pedotti ⁽¹⁾
Neuroimmunology And Neuromuscular Disorder Unit, Neurological Institute Foundation Irccs C. Besta, Milan, Italy ⁽¹⁾ - Inserm U693, Univ Paris-sud, Faculté De Médecine Paris-sud, Le Kremlin-bicêtre, France ⁽²⁾

11 - SLAM (CD150) FUNCTIONS AS AN INFLAMMATORY MODULATOR IN THE BRAIN

Derek Costello ⁽¹⁾ - Marina Lynch ⁽¹⁾
Institute Of Neuroscience, Trinity College, Dublin, Ireland ⁽¹⁾

172 - TYPE-1 INTERFERON SIGNALLING PLAYS A DELETERIOUS ROLE IN THE OUTCOME AFTER STROKE

Catherine Downes ⁽¹⁾ - Myles Minter ⁽²⁾ - Juliet Taylor ⁽²⁾ - Connie Wong ⁽²⁾ - Moses Zhang ⁽²⁾ - Pedro Guio-agulair ⁽²⁾ - Robert Ates ⁽²⁾ - Ashley Mansell ⁽³⁾ - Paul Hertzog ⁽⁴⁾ - **Peter Crack** ⁽²⁾
The University Of Melbourne, Department Of Pharmacology, Melbourne, Australia ⁽¹⁾ - The University Of Melbourne, Department Of Pharmacology, Melbourne, Australia ⁽²⁾ - Moansh University, Monash Medical Centre, Melbourne, Australia ⁽³⁾ - Moansh University, Moansh Medical Centre, Melbourne, Australia ⁽⁴⁾

20 - ANTAGONISTS TO TOLL RECEPTOR NINE IN NEUROINFLAMMATION

Colin Crawford ⁽¹⁾ - Peter Hardwicke ⁽²⁾
Retired, Imperial College, London, United Kingdom ⁽¹⁾ - Southern Illinois University, Dept Of Biochemistry And Molecular Biology, Carbondale, United States ⁽²⁾

477 - TOLL-LIKE RECEPTOR 9 LIGANDS MODULATE THE INFLAMMATORY REACTION AND FUNCTIONAL OUTCOMES IN SPINAL CORD INJURY

Brian David ⁽¹⁾ - Dan Davini ⁽¹⁾ - Ayomi Ratnayake ⁽¹⁾ - Naresh Parvathreddy ⁽¹⁾ - Robert Heary ⁽¹⁾ - Stella Elkabes ⁽¹⁾
The Spine Center Of New Jersey, University Of Medicine & Dentistry Of New Jersey, Newark, United States ⁽¹⁾

247 - ACIDOSIS IN THE MOUSE MODEL OF MULTIPLE SCLEROSIS AND IN IN VITRO NEURONAL NETWORKS

Roberta De Ceglia ⁽¹⁾ - Emilia Biffi ⁽²⁾ - Giancarlo Comi ⁽³⁾ - Gianvito Martino ⁽⁴⁾ - Andrea Domenico Menegon ⁽⁵⁾ - Luca Muzio ⁽⁴⁾
Department Of Neuroscience, Neuroimmunology Unit, Institute Of Experimental Neurology (inspe), Ospedale San Raffaele, Milan, Italy ⁽¹⁾ - Neuroengineering And Medical Robotics Laboratory, Bioengineering Department, Politecnico Di Milano, Milan, Italy ⁽²⁾ - Department Of Neurology, Institute Of Experimental Neurology (inspe), Ospedale San Raffaele, Milan, Italy ⁽³⁾ - Department Of Neuroscience, Neuroimmunology Unit, Institute Of Experimental Neurology (inspe), Ospedale San Raffaele, Milan, Italy ⁽⁴⁾ - Advanced Light And Electron Microscopy Bioimaging Center, Core Of Experimental Imaging, R&D, Ospedale San Raffaele, Milan, Italy ⁽⁵⁾

176 - INCREASED RESPONSIVENESS TO LPS IN CD200-DEFICIENT MICE IS ASSOCIATED WITH INCREASED BLOOD BRAIN BARRIER PERMEABILITY AND INFILTRATION OF PERIPHERAL CELLS

Stephanie Denieffe ⁽¹⁾ - Ronan J. Kelly ⁽¹⁾ - Anthony Lyons ⁽¹⁾ - Marina A. Lynch ⁽¹⁾
Trinity College Institute Of Neuroscience, Trinity College Dublin, Dublin, Ireland ⁽¹⁾

163 - MODULATION OF MICROGLIAL PHENOTYPES BY CD200

Stephanie Denieffe ⁽¹⁾ - Marina A. Lynch ⁽¹⁾
Trinity College Institute Of Neuroscience, Trinity College Dublin, Dublin, Ireland ⁽¹⁾

95 - S1P RECEPTOR INTERNALISATION ATTENUATES IL17/TNF α -INDUCED PRODUCTION OF IL6 IN HUMAN ASTROCYTES

Luke M Healy ⁽¹⁾ - Gaelle Elain ⁽²⁾ - Karine Jeanneau ⁽²⁾ - Anis K Mir ⁽²⁾ - **Kumlesh K Dev** ⁽¹⁾
Trinity College Institute Of Neuroscience (tcin), Trinity College Dublin, Dublin, Ireland ⁽¹⁾ - Novartis Institutes For Biomedical Research, Novartis Pharma Ag, Basel, Switzerland ⁽²⁾



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Tuesday, November 6th, 2012

459 - A COMPARATIVE STUDY OF TWO PET RADIOLIGANDS FOR THE IMAGING OF NEUROINFLAMMATION IN AN ANIMAL MODEL OF MULTIPLE SCLEROSIS

Alex M. Dickens ⁽¹⁾ - Susanne Koivisto ⁽²⁾ - Päivi Marjamäki ⁽²⁾ - Elisa Ruittala ⁽²⁾ - Olof Solin ⁽³⁾ - Juha Rinne ⁽⁴⁾ - Merja Haaparanta-solin ⁽²⁾ - Paul Jones ⁽⁵⁾ - William Trigg ⁽⁵⁾ - Daniel Anthony ⁽⁶⁾ - Laura Airas ⁽⁷⁾

Department Of Pharmacology, University Of Turku, Turku, Finland ⁽¹⁾ - Turku Pet Center, Medicity/preclinical Imaging, University Of Turku, Turku, Finland ⁽²⁾ - Turku Pet Center, Radiopharmaceutical Chemistry Laboratory, University Of Turku, Turku, - ⁽³⁾ - Turku Pet Center, Radiopharmaceutical Chemistry Laboratory, University Of Turku, Turku, Finland ⁽⁴⁾ - Ge Healthcare Ltd, The Grove Centre (g/c18), Amersham, United Kingdom ⁽⁵⁾ - Department Of Pharmacology, University Of Oxford, Oxfords, United Kingdom ⁽⁶⁾ - Department Of Neurology, University Of Turku, Turku, Finland ⁽⁷⁾

428 - EFFECTS OF POLARIZED T CELL AND MACROPHAGE SUPERNATANTS ON HUMAN FETAL OPCs

Bryce A. Durafour ⁽¹⁾ - Qiao-ling Cui ⁽¹⁾ - Craig S. Moore ⁽¹⁾ - Nasr Farooqi ⁽¹⁾ - Trina A. Johnson ⁽¹⁾ - Amit Bar-or ⁽¹⁾ - Jack P. Antel ⁽¹⁾
Montreal Neurological Institute, McGill University, Montreal, Canada ⁽¹⁾

180 - ALPHAB-CRYSTALLIN INFLUENCES THE AUTOIMMUNE ROLE OF NEUTROPHILS IN EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS

Trisha Finlay ⁽¹⁾ - Marshal Wolff ⁽¹⁾ - Connie Wong ⁽²⁾ - Paul Kubes ⁽²⁾ - Shalina Ousman ⁽¹⁾

Hotchkiss Brain Institute, University Of Calgary, Calgary, Canada ⁽¹⁾ - Snyder Institute For Chronic Diseases, University Of Calgary, Calgary, Canada ⁽²⁾

253 - THE EFFECT OF CNS INFLAMMATION ON THE ONSET OF INFECTIOUS AND GENETIC PRION DISEASE

Yael Friedman-levi ⁽¹⁾ - Orli Binyamin ⁽¹⁾ - Haim Ovadia ⁽¹⁾ - Ruth Gabizon ⁽¹⁾
Hadassah, University Hospital, Jerusalem, Israel ⁽¹⁾

368 - ADAMTSS AND EXTRACELLULAR MATRIX ALTERATION IN MULTIPLE SCLEROSIS

Gehan Gibrel ⁽¹⁾ - Rowena Bunning ⁽²⁾ - Alison Cross ⁽³⁾ - Gail Haddock ⁽⁴⁾ - David Buttle ⁽⁵⁾

Sheffield Hallam, University, Sheffield, United Kingdom ⁽¹⁾ - Sheffield Hallam, University, Sheffield, United Kingdom ⁽²⁾ - Sheffield Hallam, University, Sheffield, United Kingdom ⁽³⁾ - Sheffield Hallam, University, Sheffield, United Kingdom ⁽⁴⁾ - University Of Sheffield, University, Sheffield, United Kingdom ⁽⁵⁾

373 - ENDOTHELIAL ICAM-1 AND ICAM-2 ARE ESSENTIAL FOR MEDIATING NEUTROPHIL CRAWLING AND FACILITATE PARACELLULAR TRANSMIGRATION ACROSS THE INFLAMED BLOOD-BRAIN BARRIER IN VITRO

Roser Gorina ⁽¹⁾ - Ruth Lyck ⁽¹⁾ - Dietmar Vestweber ⁽²⁾ - Britta Engelhardt ⁽¹⁾

Theodor Kocher Institute, University Of Bern, Bern, Switzerland ⁽¹⁾ - Department Of Vascular Cell Biology, Max-planck-institute Of Molecular Biomedicine, Münster, Germany ⁽²⁾

364 - INTERLEUKIN 26: A Th17 CYTOKINE WHICH IMPACTS ON THE BLOOD BRAIN BARRIER

Lamia Naouel Hachehouche ⁽¹⁾ - Hania Kebir ⁽¹⁾ - Igal Ifergan ⁽¹⁾ - Jorge Ivan Alvarez ⁽¹⁾ - Simone Terouz ⁽¹⁾ - Lyne Bourbonnière ⁽¹⁾ - Alexandre Prat ⁽¹⁾

Center Of Excellence In Neuromics, Crchum, Notre-dame Hospital, Université De Montréal, Montréal, Canada ⁽¹⁾

421 - COMPREHENSIVE MONITORING OF INTRATHECAL IMMUNE CELLS IN PATIENTS WITH MULTIPLE SCLEROSIS BY 12-COLOR FLOW CYTOMETRIC IMMUNOPHENOTYPING

Sungpil Han ⁽¹⁾ - Alan D. Salgado ⁽¹⁾ - Elena Romm ⁽¹⁾ - Bibiana Bielekova ⁽¹⁾

Nih, Ninds/neuroimmunology Branch, Bethesda, United States ⁽¹⁾

261 - ALPHA-SYNUCLEIN INDUCES MHCII DEPENDENT CD4 T CELL PROLIFERATION AND ACTIVATION OF MICROGLIA

Ashley S. Harms ⁽¹⁾ - Shuwen Cao ⁽¹⁾ - Amber L. Rowse ⁽²⁾ - Randy Q. Cron ⁽³⁾ - Chander Raman ⁽⁴⁾ - David G. Standaert ⁽¹⁾

The University Of Alabama At Birmingham, Department Of Neurology, Birmingham, Al, United States ⁽¹⁾ - The University Of Alabama At Birmingham, Department Of Microbiology, Birmingham, Al, United States ⁽²⁾ - Children's Hospital Of Alabama, Department Of Pediatrics, Division Of Rheumatology, Birmingham, Al, United States ⁽³⁾ - The University Of Alabama At Birmingham, Department Of Medicine, Birmingham, Al, United States ⁽⁴⁾



11th International Congress of Neuroimmunology



SCIENTIFIC PROGRAM

Tuesday, November 6th, 2012

238 - INVESTIGATING T CELL – OLIGODENDROCYTE PRECURSOR CELL INTERACTIONS

Rachel Hassan ⁽¹⁾ - Andrew Young ⁽¹⁾ - Emily Baxi ⁽²⁾ - Denise Fitzgerald ⁽¹⁾

Centre For Infection And Immunity, Queen's University Belfast, Belfast, United Kingdom ⁽¹⁾ - Department Of Neurology, Johns Hopkins University, Baltimore, United States Of 'america' ⁽²⁾

340 - ACUTE PERIPHERAL AND CNS IMMUNE RESPONSES IN HYPERCHOLESTEROLEMIC MICE AFTER MILD BRAIN ISCHEMIA

Josephine Herz ⁽¹⁾ - Sabine I. Hagen ⁽¹⁾ - Dirk M. Hermann ⁽¹⁾ - Thorsten R. Doeppner ⁽¹⁾

Department Of Vascular Neurology, Dementia And Ageing, Neurology Clinic, University Hospital Essen, Essen, Germany ⁽¹⁾

424 - IFN γ INDUCED GENE EXPRESSION DURING THE COURSE OF EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS; FOCUS ON MICROGLIA

Luke Heuer ⁽¹⁾ - Athena Soulika ⁽²⁾

Shriners Hospital, Shriners/ Uc Davis, Sacramento, Ca, United States ⁽¹⁾ - Uc Davis, Shriners/ Uc Davis, Sacramento, Ca, United States ⁽²⁾

219 - VITAMIN D SUPPLEMENTATION PROTECTS JUVENILE/ADOLESCENT, BUT NOT ADULT OR 'IN UTERO' TREATED RATS AGAINST MULTIPLE SCLEROSIS- LIKE NEUROINFLAMMATION

Manuel Zeitelhofer ⁽¹⁾ - Sonja Hochmeister ⁽²⁾ - Tomas Olsson ⁽¹⁾ - **Maja Jagodic** ⁽¹⁾ - Milena Z. Adzemovic ⁽¹⁾

Center For Molecular Medicine, Neuroimmunology Unit, Department Of Clinical Neuroscience, Karolinska University Hospital, Stockholm, Sweden ⁽¹⁾ - Department Of General Neurology/ Center For Molecular Medicine, Medical University Of Graz/ Karolinska University Hospital, Graz/ Stockholm, Sweden ⁽²⁾

170 - MULTIVARIATE ANALYSIS OF INFLAMMATORY AND NEURONAL INJURY MARKERS IN CEREBROSPINAL FLUID OF MULTIPLE SCLEROSIS: HIGHER LEVELS ARE ASSOCIATED WITH YOUNGER AGE

Mohsen Khademi ⁽¹⁾ - Ann Dring ⁽²⁾ - Jonathan Gilthorpe ⁽²⁾ - Anna Wuolikainen ⁽³⁾ - Faiez Al Nimer ⁽¹⁾ - Robert Harris ⁽¹⁾ - Magnus Andersson ⁽⁴⁾ - Lou Brundin ⁽⁴⁾ - Fredrik Piehl ⁽¹⁾ - Tomas Olsson ⁽¹⁾ - Anders Svenningsson ⁽⁵⁾

Karolinska Institute, Karolinska University Hospital, Neuroimmunology Unit, Stockholm, Sweden ⁽¹⁾ - Umeå University Hospital, Umeå University Hospital, Department Of Pharmacology And Clinical Neuroscience, Umeå, Sweden ⁽²⁾ - Umeå University Hospital, Umeå University Hospital, Computational Life Science Cluster, Umeå, Sweden ⁽³⁾ - Karolinska Institute, Karolinska University Hospital, Neurology Clinic, Stockholm, Sweden ⁽⁴⁾ - Umeå, University Hospital, Department Of Pharmacology And Clinical Neuroscience, Umeå, Sweden ⁽⁵⁾

317 - ANTIBODIES TO ION CHANNELS IN LIMBIC ENCEPHALITIS

Dmitriy Labunskiy ⁽¹⁾

University Of Northern California, University Of Northern California, Santa Rosa, United States ⁽¹⁾

126 - ANTI-TNF THERAPY IMPROVES BEHAVIOURAL OUTCOMES AFTER FOCAL CEREBRAL ISCHEMIA IN MICE

Kate Lykke Lambertsen ⁽¹⁾ - Daniel Clive Anthony ⁽²⁾ - Yvonne Couch ⁽²⁾ - Nellie Anne Martin ⁽¹⁾ - Maria Ormhøj ⁽¹⁾ - Maria-louise Bergholdt Schmidt ⁽¹⁾ - Tomas Deierborg ⁽³⁾ - Geraldine Petit ⁽⁴⁾ - Leena Karimi ⁽¹⁾ - Cansu Karabiyik ⁽¹⁾ - Chris Gardiner ⁽⁵⁾ - David E. Szymkowski ⁽⁶⁾ - Hanne Birgit Gredahl ⁽⁷⁾ - Bente Finsen ⁽¹⁾ - Bettina Hjelm Clausen ⁽¹⁾

Department Of Neurobiology, Institute Of Molecular Medicine, University Of Southern Denmark, Odense, Denmark ⁽¹⁾ - Department Of Pharmacology, University Of Oxford, Oxford, United Kingdom ⁽²⁾ - Department Of Clinical Sciences, Laboratory For Experimental Brain Research, Lund University, Lund, Sweden ⁽³⁾ - 3department Of Clinical Sciences, Laboratory For Experimental Brain Research, Lund University, Lund, Sweden ⁽⁴⁾ - Nuffield Department Of Obstetrics And Gynaecology, John Radcliffe Hospital, Oxford, United Kingdom ⁽⁵⁾ - Xencor Inc, Xencor Inc, Monrovia, United States ⁽⁶⁾ - Department Of Small Animal Clinical Sciences, University Of Copenhagen, Copenhagen, Denmark ⁽⁷⁾

323 - THE EFFECT OF EXTRACELLULAR SUPEROXIDE DISMUTASE 1 ON MICROGLIA/MACROPHAGE PHENOTYPE IN THE CONTEXT OF AMYOTROPHIC LATERAL SCLEROSIS

Amanda Lanser ⁽¹⁾ - Oleg Butovsky ⁽¹⁾ - Jared Auclair ⁽²⁾ - Howard Weiner ⁽¹⁾

Department Of Neurology, Brigham And Women's Hospital, Harvard Medical School, Boston, United States ⁽¹⁾ - Department Of Chemistry, Brandeis University, Waltham, United States ⁽²⁾

311 - MCAM IS A NOVEL ADHESION MOLECULE EXPRESSED AT THE BBB THAT REGULATES INFLAMMATORY IMMUNE CELL MIGRATION

Catherine Laroche ⁽¹⁾ - Jorge Ivan Alvarez ⁽²⁾ - Hania Kebir ⁽²⁾ - Romain Cayrol ⁽²⁾ - Marc-andré Lécuyer ⁽²⁾ - Olivia Saint-laurent ⁽²⁾ - Josée Poirier ⁽³⁾ - Pierre Duquette ⁽³⁾ - Nathalie Arbour ⁽²⁾ - Alexandre Prat ⁽¹⁾

Centre De Recherche Du Centre Hospitalier De L'université De Montréal, Notre-dame Hospital/ Montreal University, Montreal, Canada ⁽¹⁾ -





SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Tuesday, November 6th, 2012

Centre De Recherche Du Centre Hospitalier De L'université De Montréal, Montreal University, Montreal, Canada ⁽²⁾ - Clinique De Sclérose En Plaques Du Centre Hospitalier De L'université De Montréal, Notre-dame Hospital/ Montreal University, Montreal, Canada ⁽³⁾

181 - ABERRANT EXPRESSION OF INTERLEUKIN-1 BY NEOPLASTIC HUMAN ASTROCYTES: IMPLICATIONS FOR GLIOMA PROGRESSION AND THERAPY

Leonid Tarassishin ⁽¹⁾ - Jihyeon Lim ⁽¹⁾ - **Sunhee Lee** ⁽¹⁾

Albert Einstein College Of Medicine, Yeshiva University, Bronx, United States ⁽¹⁾

179 - COMPARATIVE ANALYSIS OF HUMAN AND MOUSE ASTROCYTES AS COMPONENTS OF THE BRAIN INNATE IMMUNE SYSTEM

Leonid Tarassishin ⁽¹⁾ - **Sunhee Lee** ⁽¹⁾

Albert Einstein College Of Medicine, Yeshiva University, Bronx, New York, United States ⁽¹⁾

266 - TGF-BETA1-INDUCED ASTROCYTIC RELEASE OF INTERLEUKIN-6: A POSSIBLE ROLE IN EPILEPTOGENESIS

Nitzan Levy ⁽¹⁾ - Dan Milikovsky ⁽²⁾ - Yaron David ⁽²⁾ - Maya Ketzef ⁽²⁾ - Shai Abutbul ⁽³⁾ - Itai Weissberg ⁽²⁾ - Alon Friedman ⁽²⁾ - Alon Monsonego ⁽³⁾

The Shraga Segal Dept. Of Microbiology And Immunology, The Dept. Of Physiology And Neurobiology, Faculty Of Health Sciences And The National Institute Of Biotechnology In The Negev, Ben-gurion University Of The Negev, Israel, Beer-sheva, Israel ⁽¹⁾ - The Dept. Of Physiology And Neurobiology, The Zlotowski Center For Neuroscience, Ben-gurion University Of The Negev, Israel, Beer-sheva, Israel ⁽²⁾ - The Shraga Segal Dept. Of Microbiology And Immunology, faculty Of Health Sciences And The National Institute Of Biotechnology In The Negev, Ben-gurion University Of The Negev, Israel, Beer-sheva, Israel ⁽³⁾

41 - TNF- α REGULATION OF CORTICOSTRIATAL SYNAPTIC STRENGTH: A HOMEOSTATIC RESPONSE IN MOVEMENT DISORDERS

Gil Lewitus ⁽¹⁾ - David Stellwagen ⁽¹⁾

Centre For Research In Neuroscience, McGill University, Montreal, Canada ⁽¹⁾

450 - CHANGES IN BECLIN 1 ASSOCIATED WITH ALZHEIMER'S DISEASE NEGATIVELY REGULATE RETROMER AND IMPAIR PHAGOCYTOSIS OF AMYLOID-BETA

Kurt Lucin ⁽¹⁾ - Caitlin O'Brien ⁽¹⁾ - Gregor Bieri ⁽¹⁾ - Eva Czirr ⁽¹⁾ - Kira Mosher ⁽¹⁾ - Diego Mastroeni ⁽²⁾ - Joseph Rogers ⁽²⁾ - Brian Spencer ⁽³⁾ - Eliezer Masliah ⁽³⁾ - Tony Wyss-coray ⁽¹⁾

Stanford University, Va Palo Alto, Palo Alto, United States ⁽¹⁾ - Banner Sun Health Research Institute, L.J. Roberts Center For Alzheimer's Research, Sun City, United States ⁽²⁾ - University Of California At San Diego, University Of California At San Diego, La Jolla, United States ⁽³⁾

87 - ADDITION OF CERIUM OXIDE NANOPARTICLES REVERSES ADVERSE EFFECTS OF DIESEL EXHAUST ON AP-1 TRANSCRIPTION FACTOR ACTIVITY IN THE MOUSE BRAIN

Shyang Lung ⁽¹⁾ - Flemming Cassee ⁽²⁾ - Arezoo Campbell ⁽¹⁾

Department Of Pharmaceutical Sciences, Western University Of Health Sciences, Pomona, United States ⁽¹⁾ - National Institute For Public Health And Environment, University Of Utrecht, Utrecht, Netherlands ⁽²⁾

204 - UNRAVELLING THE NOVEL ROLE OF NEURONAL CELL ADHESION MOLECULAR HEPARAN SULFATE PROTEOGLYCAN N-SYNDECAN IN INFLAMMATORY RESPONSE

Li Ma ⁽¹⁾ - Heikki Rauvala ⁽¹⁾ - Li Tian ⁽¹⁾

Neuroscience Center, University Of Helsinki, Helsinki, Finland ⁽¹⁾

483 - THY1+ SCA1+ INNATE LYMPHOID CELLS INFILTRATE THE CNS DURING AUTOIMMUNE INFLAMMATION, BUT DO NOT CONTRIBUTE TO DISEASE PROGRESSION

Florian Mair ⁽¹⁾ - Burkhard Becher ⁽¹⁾

Institute Of Experimental Immunology, University Of Zurich, Zurich, Switzerland ⁽¹⁾

422 - ELUCIDATING MECHANISMS OF NEUROINFLAMMATION IN A PARKINSON'S DISEASE MODEL

Terina N Martinez ⁽¹⁾ - Collin G. Flanagan ⁽¹⁾ - Xiaoping Hu ⁽¹⁾ - J. Timothy Greenamyre ⁽¹⁾

Pittsburgh Institute For Neurodegenerative Diseases And Department Of Neurology, University Of Pittsburgh, Pittsburgh, United States ⁽¹⁾

51 - Th17 BIAS RENDERS MICE SUSCEPTIBLE TO A VIRAL MODEL FOR MULTIPLE SCLEROSIS

Nicholas E Martinez ⁽¹⁾ - Fumitaka Sato ⁽¹⁾ - Seiichi Omura ⁽¹⁾ - Eiichiro Kawai ⁽¹⁾ - Satoru Takahashi ⁽²⁾ - Keigyou Yoh ⁽³⁾ - Ikuo Tsunoda ⁽¹⁾

Department Of Microbiology And Immunology, Louisiana State University Health Sciences Center-shreveport, Shreveport, United States ⁽¹⁾ -



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Tuesday, November 6th, 2012

Institute Of Basic Medical Sciences, University Of Tsukuba, Tsukuba, United States ⁽²⁾ - Pathophysiology Of Renal Diseases, Doctoral Program In Medical Sciences For Control Of Pathological Processes, University Of Tsukuba, Tsukuba, Japan ⁽³⁾

473 - IN VIVO INDUCTION OF TR1 CELLS, ATTENUATES ANIMAL MODEL OF SECONDARY PROGRESSIVE MS, VIA REGULATION OF THE CNS INNATE SYSTEM

Mayo Lior ⁽¹⁾ - Francisco J. Quintana ⁽¹⁾ - Howard L. Weiner ⁽¹⁾

Harvard Medical School, Brigham And Women's Hospital, Boston, United States ⁽¹⁾

225 - INCREASED EXPRESSION OF THE HYPOXIA RELATED GENES IN PERIPHERAL BLOOD CELLS OF SUBJECTS WITH ACUTE ISCHAEMIC STROKE

Pamela Mccombe ⁽¹⁾ - Jia Liu ⁽²⁾ - Jun Yan ⁽³⁾ - Judith Greer ⁽⁴⁾

The University Of Queensland, Royal Brisbane And Women's Hospital, Brisbane, Australia ⁽¹⁾ - The University Of Queensland, Royal Brisbane And Women's Hospital, Brisbane, Australia ⁽²⁾ - The University Of Queensland, Royal Brisbane And Women's Hospital, Herston, Australia ⁽³⁾ - The University Of Queensland, Royal Brisbane And Women's Hospital, Herston, Australia ⁽⁴⁾

69 - NEUROINFLAMMATION IN SYSTEMIC PARASITIC DISEASES: BRAIN CYTOKINE PROFILE IN CANINE VISCERAL LEISHMANIASIS

Guilherme D. Melo ⁽¹⁾ - Túlio F. Seraguci ⁽¹⁾ - Augusto Schweigert ⁽¹⁾ - Fernanda G. Grano ⁽¹⁾ - José E. S. Silva ⁽¹⁾ - Gisele F. Machado ⁽¹⁾

College Of Veterinary Medicine, Unesp - Univ Estadual Paulista, Araçatuba, Brazil ⁽¹⁾

283 - SPONTANEOUS DEMYELINATING AUTOIMMUNE NEUROPATHY IN ICAM-1 DEFICIENT NOD MICE

Gerd Meyer Zu Horste ⁽¹⁾ - Anne Mausberg ⁽¹⁾ - Steffen Cordes ⁽¹⁾ - Hans-peter Hartung ⁽¹⁾ - Bernd Kieseier ⁽¹⁾

Department Of Neurology, Heinrich-heine-university, Duesseldorf, Germany ⁽¹⁾

235 - IRON OXIDE MAGNETIC NANOPARTICLES HIGHLIGHT EARLY INVOLVEMENT OF THE CHOROID PLEXUS IN CENTRAL NERVOUS SYSTEM INFLAMMATION

Jason Millward ⁽¹⁾ - Joerg Schnorr ⁽²⁾ - Matthias Taupitz ⁽²⁾ - Susanne Wagner ⁽²⁾ - Jens Wuerfel ⁽³⁾ - Carmen Infante-duarte ⁽¹⁾

Experimental Neuroimmunology, Neuroscience Research Center, Charité – Universitätsmedizin Berlin, Berlin, Germany ⁽¹⁾ - Department Of Radiology, Charité – Universitätsmedizin Berlin, Berlin, Germany ⁽²⁾ - Institute Of Neuroradiology, University Medicine Goettingen, Goettingen, Germany ⁽³⁾

230 - MAGNETIC RESONANCE ELASTOGRAPHY REVEALS ALTERED BRAIN VISCOELASTICITY IN EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS

Jason Millward ⁽¹⁾ - Kerstin Riek ⁽²⁾ - Isabell Hamann ⁽¹⁾ - Susanne Mueller ⁽³⁾ - Caspar Pfueller ⁽⁴⁾ - Friedemann Paul ⁽⁴⁾ - Juergen Braun ⁽²⁾ - Ingolf Sack ⁽²⁾ - Carmen Infante-duarte ⁽¹⁾

Experimental Neuroimmunology, Neuroscience Research Center, Charité – Universitätsmedizin Berlin, Berlin, Germany ⁽¹⁾ - Department Of Radiology, Charité – Universitätsmedizin Berlin, Berlin, Germany ⁽²⁾ - Center For Stroke Research, Charité – Universitätsmedizin Berlin, Berlin, Germany ⁽³⁾ - Neurocure Clinical Research Center, Charité – Universitätsmedizin Berlin, Berlin, Germany ⁽⁴⁾

154 - BLOOD BRAIN BARRIER PERMEABILITY IS ENHANCED IN APP/PS1 MICE AND ASSOCIATED WITH NEUROINFLAMMATION

Aedin Minogue ⁽¹⁾ - Raasay Jones ⁽¹⁾ - Ronan Kelly ⁽¹⁾ - Marina Lynch ⁽¹⁾

Trinity College Institute Of Neuroscience, Trinity College, Dublin, Ireland ⁽¹⁾

153 - NLRP3 INFLAMMASOME TARGETING NANOPARTICLES: A POTENTIAL THERAPEUTIC FOR THE TREATMENT OF ISCHEMIA

Niamh Murphy ⁽¹⁾ - Valerie A Gérard ⁽²⁾ - Yurii K Gun'ko ⁽²⁾ - Marina A Lynch ⁽¹⁾

Trinity College Institute Of Neuroscience, Trinity College Dublin, Dublin, Ireland ⁽¹⁾ - School Of Chemistry, Trinity College Dublin, Dublin, Ireland ⁽²⁾





SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Tuesday, November 6th, 2012

152 - FTY720 HAS THE EFFECTS OF ANTI-INFLAMMATION AND NEUROPROTECTION ON MICROGLIA

Hiromi Noda ⁽¹⁾ - Jun Kawanokuchi ⁽¹⁾ - Yukiko Doi ⁽¹⁾ - Yoshifumi Sonobe ⁽¹⁾ - Hideyuki Takeuchi ⁽¹⁾ - Tetsuya Mizuno ⁽¹⁾ - Akio Suzumura ⁽²⁾
Nagoya, University, Nagoya, Japan ⁽¹⁾ - Nagoya, University, Nagoy, Japan ⁽²⁾

490 - TOLL-LIKE RECEPTOR 2 (TLR2) STIMULATION REGULATES THE BALANCE BETWEEN Th17 AND TREG FUNCTION IN MULTIPLE SCLEROSIS: A KEY ROLE FOR IL-6/STAT3 SIGNALLING

Mukanthu Nyirenda ⁽¹⁾ - Cris Constantinescu ⁽¹⁾ - Guilio Podda ⁽¹⁾ - Amit Bar-or ⁽²⁾ - Guang-xiang Zhang ⁽³⁾ - **Bruno Gran** ⁽¹⁾
University Of Nottingham, University, Nottingham, United Kingdom ⁽¹⁾ - McGill University, Montreal Neurological Institute, Montreal, Canada ⁽²⁾ - Jefferson University, University, Philadelphia, United States ⁽³⁾

70 - INTERLEUKIN-1 (IL-1) MAY CONTRIBUTE TO DEVELOP CLASSICAL AND ALTERNATIVE ACTIVATION OF MICROGLIA/MACROPHAGES AFTER SPINAL CORD INJURY

Hirokazu Ohtaki ⁽¹⁾ - Astushi Sato ⁽²⁾ - Tomomi Tsumuraya ⁽²⁾ - Dandan Song ⁽¹⁾ - Kazuyuki Miyamoto ⁽¹⁾ - Kenji Ohara ⁽²⁾ - Masahide Asano ⁽³⁾ - Yoichiro Iwakura ⁽⁴⁾ - Takashi Atsumi ⁽²⁾ - Seiji Shioda ⁽¹⁾
Department Of Anatomy, Showa University School Of Medicine, Tokyo, Japan ⁽¹⁾ - Department Of Orthopedic Surgery, Showa University Fujigaoka Hospital, Yokohama, Japan ⁽²⁾ - Division Of Transgenic Animal Science, Advanced Science Research Center, Kanazawa University, Kanazawa, Japan ⁽³⁾ - Division Of Laboratory Animal, Research Institute For Biomedical Science, Tokyo University Of Science, Noda, Japan ⁽⁴⁾

267 - NEUROPROTECTIVE POTENTIAL OF ESTROGENS AND ESTROGENIC COMPOUNDS AGAINST AMYLOID-BETA AND OXIDATIVE STRESS

Johanna O. Ojala ⁽¹⁾ - Anne Timonen ⁽²⁾ - Elina M. Sutinen ⁽¹⁾ - Tiina Suuronen ⁽³⁾ - Tuula Pirttilä ⁽⁴⁾ - George Anderson ⁽⁵⁾ - Antero Salminen ⁽⁶⁾ - Lauri Kangas ⁽⁷⁾ - Anders Thornell ⁽⁸⁾
Brain Research Centre/institute Of Clinical Medicine, Neurology, University Of Eastern Finland, Kuopio, Finland ⁽¹⁾ - Biomedicine, University Of Turku, Turku, Finland ⁽²⁾ - Institute Of Clinical Medicine, Neurology, University Of Eastern Finland, Kuopio, Finland ⁽³⁾ - -, -, -, ⁽⁴⁾ - Crc, 57 Laurel Street, -, Glasgow, United Kingdom ⁽⁵⁾ - Institute Of Clinical Medicine, Neurology, Kuopio University Hospital/ University Of Eastern Finland, Kuopio, Finland ⁽⁶⁾ - Hormos Medical Oy, -, Turku, Finland ⁽⁷⁾ - Veterinary Medicine, Umea University, Umea, Sweden ⁽⁸⁾

197 - HIGH BODY MASS INDEX BEFORE AGE 20 IS ASSOCIATED WITH INCREASED RISK FOR MS IN BOTH MEN AND WOMEN

Tomas Olsson ⁽¹⁾ - Anna Karin Hedström ⁽²⁾ - Jan Hillert ⁽¹⁾ - Lars Alfredsson ⁽²⁾
Department Of Clinical Neuroscience And Center For Molecular Medicine, Karolinska Institutet, Stockholm, Sweden ⁽¹⁾ - Institute Of Environmental Medicine, Karolinska Institutet, Stockholm, Sweden ⁽²⁾

196 - REVERSED CAUSALITY MIGHT EXPLAIN THE ASSOCIATION BETWEEN REPRODUCTIVE HISTORY AND MS

Tomas Olsson ⁽¹⁾ - Anna Karin Hedström ⁽²⁾ - Jan Hillert ⁽¹⁾ - Lars Alfredsson ⁽²⁾
Department Of Clinical Neuroscience And Center For Molecular Medicine, Karolinska Institutet, Stockholm, Sweden ⁽¹⁾ - Institute Of Environmental Medicine, Karolinska Institutet, Stockholm, Sweden ⁽²⁾

289 - IL-23 ACTIVATED $\gamma\delta$ T CELLS MAY RESTRAIN REGULATORY T CELL RESPONSES DURING AUTOIMMUNE RESPONSES BY LIMITING IL-2 IN THE EXTRACELLULAR ENVIRONMENT

Franziska Petermann ⁽¹⁾ - Thomas Korn ⁽¹⁾
Department Of Neurology, Klinikum Rechts Der Isar, Technische Universität München, Munich, Germany ⁽¹⁾

106 - A POTENT AND COMPARABLE DEGREE OF NEUROINFLAMMATION IN ALS AND PROGRESSIVE MS

Federica Piancone ⁽¹⁾ - Marina Saresella ⁽¹⁾ - Paola Tortorella ⁽²⁾ - Ivana Marventano ⁽¹⁾ - Andrea Gatti ⁽¹⁾ - Domenico Caputo ⁽²⁾ - Christian Lunetta ⁽³⁾ - Massimo Corbo ⁽³⁾ - Marco Rovaris ⁽²⁾ - Mario Clerici ⁽⁴⁾
Laboratory Of Molecular Medicine And Biotechnology Irccs S.m.nascente, Don C. Gnocchi Onlus Foundation, Milan, Italy ⁽¹⁾ - Multiple Sclerosis Unit Irccs S.m.nascente, Don C. Gnocchi Onlus Foundation, Milan, Italy ⁽²⁾ - Centro Nemo, Fondazione Serena, Milan, Italy ⁽³⁾ - Laboratory Of Molecular Medicine And Biotechnology Irccs S.m.nascente/ Department Of Biomedical Sciences And Technologies, Don C. Gnocchi Onlus Foundation/ University Of Milan, Milan, Italy ⁽⁴⁾

53 - INVESTIGATING THE ROLE OF PROSTAGLANDIN E2 MEDIATED NEUROINFLAMMATION IN MODELS OF PARKINSONISM

Suraj Pradhan ⁽¹⁾ - Jenny Johansson ⁽¹⁾ - Qian Wang ⁽¹⁾ - Novie Ko ⁽²⁾ - Amy Manning-bog ⁽²⁾ - Katrin Andreasson ⁽¹⁾
Stanford University, Stanford, Stanford, United States ⁽¹⁾ - Sri International, Sri, Menlo Park, United States ⁽²⁾



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Tuesday, November 6th, 2012

399 - IMMUNE ADAPTATION IN THE CENTRAL NERVOUS SYSTEM IN RESPONSE TO SYSTEMIC INFECTIONS

Ursula Püntener⁽¹⁾ - Steven G Booth⁽¹⁾ - V Hugh Perry⁽¹⁾ - Jessica L Teeling⁽¹⁾

Centre For Biological Sciences, University Of Southampton, Southampton, United Kingdom⁽¹⁾

113 - TAKING NEUTROPHILS OUT OF PLAY IN DEVELOPING SECONDARY NEURONAL DAMAGE AFTER STROKE BY ANTI-VLA-4 TREATMENT?

Monika Riek-burchardt⁽¹⁾ - Jens Neumann⁽²⁾ - Rebecca König⁽³⁾ - Klaus G. Reymann⁽³⁾ - Matthias Gunzer⁽⁴⁾

Project Group Neuropharmacology, Leibniz-institute For Neurobiology, Magdeburg, Germany⁽¹⁾ - Clinic For Neurology, Otto-von-guericke University, Magdeburg, Germany⁽²⁾ - Research Group Reymann, German Center For Neurodegenerative Diseases (dzne), Magdeburg, Germany⁽³⁾ - Institute For Experimental Immunology And Imaging, University Duisburg-essen, Essen, Germany⁽⁴⁾

318 - INTERLEUKIN-17 INHIBITS OLIGODENDROCYTE PROGENITOR CELL PROLIFERATION AND MATURATION

Jane M. Rodgers⁽¹⁾ - Stephen D. Miller⁽¹⁾

Northwestern University Feinberg School Of Medicine, Northwestern University, Chicago, United States⁽¹⁾

270 - IL-23/GM-CSF AXIS IN IFN- β -TREATED RELAPSING-REMITTING MULTIPLE SCLEROSIS PATIENTS

Emina Savic⁽¹⁾ - Milos Markovic⁽¹⁾ - Jelena Drulovic⁽²⁾ - Vera Pravica⁽¹⁾ - Zorica Ramic⁽¹⁾ - Dusan Popadic⁽¹⁾ - Marija Mostarica - Stojkovic⁽¹⁾

Institute Of Microbiology And Immunology, School Of Medicine, University Of Belgrade, Belgrade, Serbia⁽¹⁾ - Institute Of Neurology, Clinical Centre Of Serbia, School Of Medicine, University Of Belgrade, Belgrade, Serbia⁽²⁾

287 - TNF-ALPHA INDUCED UPREGULATION OF T-TYPE CALCIUM CHANNELS VIA ZINC INCREASE THROUGH GLUR2 LACKING AMPA RECEPTORS

Christina Schaub⁽¹⁾ - Karen Van Loo⁽²⁾ - Heinz Beck⁽³⁾ - Albert J Becker⁽²⁾ - Thoralf Opitz⁽³⁾

Department Of Neurology, University Hospital, Bonn, Germany⁽¹⁾ - Department Of Neuropathology, University Hospital, Bonn, Germany⁽²⁾ - Department Of Epileptology, University Hospital, Bonn, Germany⁽³⁾

327 - LAQUINIMOD'S EFFECTS ON INNATE IMMUNITY DIRECTS ADAPTIVE T CELL MODULATION

Ulf Schulze-topphoff⁽¹⁾ - Michel Varrin-doyer⁽¹⁾ - Aparna Shetty⁽¹⁾ - Patricia Nelson⁽¹⁾ - Scott S. Zamvil⁽¹⁾

University Of California, San Francisco, Ucsf, San Francisco, United States⁽¹⁾

487 - OXIDATIVE STRESS, CYTOKINE/CHEMOKINE AND DISRUPTION OF BLOOD-BRAIN BARRIER IN NEONATE RATS AFTER MENINGITIS BY STREPTOCOCCUS AGALACTIAE

Jaqueline Silva Generoso⁽¹⁾ - Joelson Carmono Lemos⁽¹⁾ - Andreza Laurindo Cipriano⁽¹⁾ - Grazielle Lodetti Milioli⁽¹⁾ - Danielle Marcelino⁽¹⁾ - Francieli Vuolo⁽²⁾ - Fabricia Petronilho⁽³⁾ - Felipe Dal-pizzol⁽²⁾ - Marcia Carvalho Vilela⁽⁴⁾ - Antonio Lucio Teixeira⁽⁵⁾ - Tatiana Barichello⁽¹⁾

Laboratory Of Experimental Microbiology, University Of Southern Santa Catarina, Criciúma, Brazil⁽¹⁾ - Laboratory Of Experimental Pathophysiology, University Of Southern Santa Catarina, Criciúma, Brazil⁽²⁾ - Postgraduate Program In Health Sciences, University Santa Catarina, Tubarão, Brazil⁽³⁾ - Department, Federal University Minas Gerais, Criciúma, Brazil⁽⁴⁾ - Laboratory Of Immunopharmacology, Federal University Minas Gerais, Criciúma, Brazil⁽⁵⁾

528 - IL-17 SIGNALING IN THE BRAIN VERSUS SPINAL CORD DURING CNS AUTOIMMUNITY

Sarah Simmons⁽¹⁾ - Denny Liggitt⁽²⁾ - Joan Goverman⁽¹⁾

Department Of Immunology, University Of Washington, Seattle, United States Of 'america⁽¹⁾ - Department Of Comparative Medicine, University Of Washington, Seattle, United States Of 'america⁽²⁾

110 - DIFFERENTIAL REGULATION OF HLA AND IP-10 IN ADULT HUMAN GLIA

Amy M Smith⁽¹⁾ - E. Scott Graham⁽²⁾ - Mike Dragunow⁽¹⁾

Department Of Pharmacology And Clinical Pharmacology, National Research Centre For Growth And Development, Centre For Brain Research, University Of Auckland, Auckland, New Zealand⁽¹⁾ - Department Of Pharmacology And Clinical Pharmacology, Centre For Brain Research, University Of Auckland, Auckland, New Zealand⁽²⁾

237 - SPERM-ASSOCIATED ANTIGEN 16 (SPAG16): A NOVEL ANTIGENIC TARGET THAT IS INCREASED IN ASTROCYTES IN MULTIPLE SCLEROSIS LESIONS

Laura De Bock⁽¹⁾ - Klaartje Somers⁽¹⁾ - Judith Fraussen⁽¹⁾ - Jerome Hendriks⁽¹⁾ - Raymond Hupperts⁽²⁾ - Brigit De Jong⁽³⁾ - Marcel Verbeek⁽⁴⁾ - Marie D'hooghe⁽⁵⁾ - Bart Van Wijmeersch⁽⁶⁾ - Jack Van Horssen⁽⁷⁾ - Piet Stinissen⁽¹⁾ - **Veerle Somers**⁽¹⁾





SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Tuesday, November 6th, 2012

Biomedical Research Institute, Hasselt University, Diepenbeek, Belgium ⁽¹⁾ - School Of Mental Health And Neuroscience, Maastricht University, Maastricht, Netherlands ⁽²⁾ - Multiple Sclerosis Center Nijmegen, University Nijmegen, Nijmegen, Netherlands ⁽³⁾ - Laboratory Of Pediatrics And Neurology, University Nijmegen Medical Center, Nijmegen, Netherlands ⁽⁴⁾ - National Ms Center, National Ms Center, Melsbroek, Belgium ⁽⁵⁾ - Multiple Sclerosis And Rehabilitation Center, Hasselt University, Overpelt, Belgium ⁽⁶⁾ - Department Of Molecular Cell Biology And Immunology, Vu University Medical Center, Amsterdam, Netherlands ⁽⁷⁾

516 - A PROTECTIVE ROLE FOR INTERFERON-GAMMA IN EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS

Rebecca Sosa ⁽¹⁾ - Astrid Cardona ⁽¹⁾ - Thomas Forsthuber ⁽¹⁾

Dept Of Biology, University Of Texas At San Antonio, San Antonio, United States ⁽¹⁾

485 - INVESTIGATING THE FUNCTION OF GM-CSF IN AUTOIMMUNE INFLAMMATION USING A NOVEL REPORTER/FATE-MAPPING SYSTEM

Sabine Spath ⁽¹⁾ - Stefan Haak ⁽²⁾ - Ortstädt Birthe ⁽¹⁾ - Burkhard Becher ⁽¹⁾

Institute Of Experimental Immunology, University Of Zurich, Zurich, Switzerland ⁽¹⁾ - Department Of Microbiology And Immunology, Columbia University, New York, United States ⁽²⁾

375 - GALECTIN-9 IS UP-REGULATED IN ASTROCYTES BY TNF AND PROMOTES ENCEPHALITOGENIC T-CELL APOPTOSIS.

Andrew Steelman ⁽¹⁾ - Roger Smith 3rd ⁽²⁾ - C. Jane Welsh ⁽¹⁾ - Jianrong Li ⁽¹⁾

Veterinary Integrative Biosciences, Texas A&m University, College Station, United States ⁽¹⁾ - Veterinary Pathobiology, Texas A&m University, College Station, United States ⁽²⁾

348 - INTERLEUKIN 17 IMPEDES MYELINATION IN THE PERIPHERAL NERVOUS SYSTEM

Mark Stettner ⁽¹⁾ - Birthe Ortstädt ⁽¹⁾ - Kathleen Wolfram ⁽¹⁾ - Anne K. Mausberg ⁽¹⁾ - Angelika Derksen ⁽¹⁾ - Thomas Dehmel ⁽¹⁾ - Bernd C. Kieseier ⁽¹⁾

Group For Clinical And Experimental Neuroimmunology, Department Of Neurology, Heinrich-heine-university, Duesseldorf, Germany ⁽¹⁾

246 - REGULATION OF THE EXPRESSION OF GROWTH FACTORS BY HUMAN MICROGLIA

Hyeon-sook Suh ⁽¹⁾ - Meng-liang Zhao ⁽¹⁾ - Yungtai Lo ⁽¹⁾ - Namjong Choi ⁽¹⁾ - Sunhee C. Lee ⁽¹⁾

Albert Einstein College Of Medicine, Yeshiva University, Bronx, United States ⁽¹⁾

265 - INTERLEUKIN-18, INVOLVED IN ALZHEIMER'S DISEASE, ALTERS PROTEIN LEVELS OF PEROXIREDOXINS AND BILIVERDIN REDUCTASE IN NEURON-LIKE SH-SY5Y CELLS

Elina M. Sutinen ⁽¹⁾ - Minna A. Korolainen ⁽²⁾ - Jukka Häyrynen ⁽³⁾ - Antero Salminen ⁽⁴⁾ - Tuula Pirttilä ⁽⁵⁾ - Johanna O. Ojala ⁽⁶⁾

Institute Of Clinical Medicine/neurology, University Of Eastern Finland, Kuopio, Finland ⁽¹⁾ - Institute Of Biotechnology, Protein Chemistry Research Group, University Of Helsinki, Helsinki, Finland ⁽²⁾ - Department Of Biosciences, University Of Eastern Finland, Kuopio, Finland ⁽³⁾ - Neurology, Kuopio University Hospital, Kuopio, Finland ⁽⁴⁾ - -, -, -, - ⁽⁵⁾ - Clinical Research Centre/brain Research Unit, University Of Eastern Finland, Kuopio, Finland ⁽⁶⁾

223 - EFFECTS OF ANTI-NMDA RECEPTOR ANTIBODIES FROM THE PATIENTS WITH NMDA RECEPTOR ENCEPHALITIS ON THE NEURONS

Keiko Tanaka ⁽¹⁾ - Yongzhi Li ⁽¹⁾ - Yasuto Ishigaki ⁽²⁾ - Tsutomu Takagami ⁽²⁾ - Masami Tanaka ⁽³⁾ - Makoto Matsui ⁽¹⁾ - Nobuo Kato ⁽⁴⁾

Department Of Neurology, Kanazawa Medical University, Ishikawa, Japan ⁽¹⁾ - Department Of Life Science, Medical Research Institute, Kanazawa Medical University, Ishikawa, Japan ⁽²⁾ - Department Of Neurology, Utano National Hospital, Kyoto, Japan ⁽³⁾ - Department Of Physiology, Kanazawa Medical University, Ishikawa, Japan ⁽⁴⁾

262 - TYPE-I INTERFERON SIGNALING IS PRO-INFLAMMATORY IN MODELS OF PARKINSON'S DISEASE

Bevan Main ⁽¹⁾ - Moses Zhang ⁽¹⁾ - Scott Ayton ⁽²⁾ - David Finkelstein ⁽²⁾ - Peter Crack ⁽¹⁾ - **Juliet Taylor** ⁽¹⁾

Department Of Pharmacology, University Of Melbourne, Melbourne, Australia ⁽¹⁾ - Mental Health Research Institute, University Of Melbourne, Melbourne, Australia ⁽²⁾

513 - UPREGULATION OF TNF, TNFRSF1A, TNFRSF1B AND NFKB1 GENES IN TEMPORAL LOBE EPILEPSY PATIENTS

Marcelo Ananias Teocchi ⁽¹⁾ - Evandro Pinto Da Luz De Oliveria ⁽²⁾ - Helder Tedeschi ⁽²⁾ - Fernando Cendes ⁽²⁾ - Lília Freire Rodrigues De Souza Li ⁽¹⁾

Center For Investigation In Pediatrics, University Of Campinas, Campinas, Brazil ⁽¹⁾ - Department Of Neurology, University Of Campinas, Campinas, Brazil ⁽²⁾



11th International Congress of Neuroimmunology



SCIENTIFIC PROGRAM

Tuesday, November 6th, 2012

254 - FRACTALKINE SIGNALING MODULATES THE INFLAMMATORY RESPONSE TO ALPHA-SYNUCLEIN IN MODELS OF PARKINSON DISEASE

Aaron Thome ⁽¹⁾ - Ashley Harms ⁽¹⁾ - David Standaert ⁽¹⁾

University Of Alabama At Birmingham, University Of Alabama At Birmingham, Department Of Neurology, Birmingham, Al, United States ⁽¹⁾

380 - CENTRAL NERVOUS SYSTEM RESPONSES TO SYSTEMIC INFLAMMATION

Carolyn Thomson ⁽¹⁾ - Gerard Graham ⁽¹⁾ - Jonathan Cavanagh ⁽²⁾

Institute Of Immunology, Infection & Inflammation, University Of Glasgow, Glasgow, United Kingdom ⁽¹⁾ - Institute Of Health & Wellbeing, University Of Glasgow, Glasgow, United Kingdom ⁽²⁾

397 - INCREASED SEVERITY OF EAE DISEASE IN MK2-DEFICIENT MICE

Silvia Tietz ⁽¹⁾ - Maxime Viard ⁽¹⁾ - Tobias Thomas ⁽¹⁾ - Bjoern Tackenberg ⁽²⁾ - Matthias Gaestel ⁽³⁾ - Martin Berghoff ⁽¹⁾

Institut Of Neurology, Justus-liebig-university, Giessen, Germany ⁽¹⁾ - Institut Of Neurology, Philipps-university, Marburg, Germany ⁽²⁾ - Institut Of Biochemistry, Hannover Medical School, Hannover, Germany ⁽³⁾

466 - CCL2 IN THE HIPPOCAMPUS OF MULTIPLE SCLEROSIS PATIENTS AND ITS CUPRIZONE MODEL

Anne-marie Van Dam ⁽¹⁾ - Ranja Dutta ⁽²⁾ - Trapp Bruce ⁽²⁾ - Oliver Stiedl ⁽³⁾ - Elga De Vries ⁽⁴⁾ - Taco De Vries ⁽¹⁾ - Benjamin Drukarch ⁽¹⁾ - Marloes Prins ⁽¹⁾

Vu University Medical Center, Neuroscience Campus Amsterdam, Dept. Anatomy And Neurosciences, Amsterdam, Netherlands ⁽¹⁾ - Cleveland Clinic, Lerner Research Institute, Dept. Neurosciences, Cleveland, United States ⁽²⁾ - Vu University, Cnrc, Behavioural Neuroscience Group, Amsterdam, Netherlands ⁽³⁾ - Vu University Medical Center, Neuroscience Campus Amsterdam, Dept. Molecular Cell Biology And Immunology, Amsterdam, Netherlands ⁽⁴⁾

299 - AQUAPORIN-4-SPECIFIC T CELLS IN NEUROMYELITIS OPTICA EXHIBIT A Th17 BIAS AND RECOGNIZE CLOSTRIDIUM ABC TRANSPORTER

Michel Varrin-doyer ⁽¹⁾ - Collin M. Spencer ⁽¹⁾ - Ulf Schulze-topphoff ⁽¹⁾ - Patricia A. Nelson ⁽¹⁾ - Robert M. Stroud ⁽¹⁾ - Bruce A.c. Cree ⁽¹⁾ - Scott S. Zamvil ⁽¹⁾

University Of California, San Francisco, Ucsf, San Francisco, United States ⁽¹⁾

338 - ASTROCYTE ELEVATED GENE-1, A NOVEL MODULATOR OF NEUROINFLAMMATION: IMPLICATIONS FOR HIV-1 ASSOCIATED NEURODEGENERATION

Neha Vartak ⁽¹⁾ - Anuja Ghorpade ⁽¹⁾

University Of North Texas Health Science Center, University Of North Texas Health Science Center, Fort Worth, United States ⁽¹⁾

303 - UPREGULATION OF SUBSTANCE P AND ITS RECEPTOR IN HUMAN NT2 NEURONS VIA FUNCTIONAL IL-17 RECEPTOR

Jane Vilisaar ⁽¹⁾

University Of Nottingham, Queen's Medical Centre, Nottingham, United Kingdom ⁽¹⁾

521 - ASTROCYTE-TARGETED IL-10 PRODUCTION HAS A BENEFICIAL EFFECT ON SHORT-TERM ASTROCYTE-TARGETED IL-10 PRODUCTION HAS A BENEFICIAL EFFECT ON SHORT-TERM NEURONAL SURVIVAL AFTER FACIAL NERVE AXOTOMY

Nàdia Villacampa-pèrez ⁽¹⁾ - Beatriz Almolda ⁽²⁾ - Markus Hofer ⁽³⁾ - Iain Campbell ⁽³⁾ - Berta González ⁽²⁾ - Bernardo Castellano ⁽²⁾

Institut De Neurociències, Universitat Autònoma De Barcelona, Bellaterra ⁽¹⁾ - Institut De Neurociències, Universitat Autònoma De Barcelona, Bellaterra, Spain ⁽²⁾ - School Of Molecular Bioscience, University Of Sydney, Sydney, Australia ⁽³⁾

255 - THE EFFECT OF CLASSICAL OR ALTERNATIVE ACTIVATION ON MACROPHAGE MOTILITY IN THE CNS

Daphne Vogel ⁽¹⁾ - Priscilla Heijnen ⁽²⁾ - Tool Anton ⁽³⁾ - Elga De Vries ⁽²⁾ - Sandra Amor ⁽²⁾ - Christine Dijkstra ⁽²⁾

Vu University Medical Center, Vu University Medical Center, Amsterdam, Netherlands ⁽¹⁾ - Vu University Medical Center, Vu University Medical Center, Amsterdam, Netherlands ⁽²⁾ - Sanquin, Sanquin, Amsterdam, Netherlands ⁽³⁾

257 - THE ROLE OF TAU-TUBULIN KINASE 1 IN INFLAMMATORY MONONUCLEAR PHAGOCYTE POLARIZATION

Maya Woodbury ⁽¹⁾ - Hirohide Asai ⁽²⁾ - Tsuneya Ikezu ⁽²⁾

Graduate Program In Neuroscience/ Biomolecular Pharmacology Training Program, Boston University School Of Medicine, Boston, Ma, United States ⁽¹⁾ - Department Of Pharmacology And Experimental Therapeutics, Boston University School Of Medicine, Boston, Ma, United States ⁽²⁾





SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Tuesday, November 6th, 2012

455 - BLOCKING OF NMDA RECEPTORS INHIBITS INFLAMMATORY ACTIVATION OF MICROGLIA

Simone Wörtge⁽¹⁾ - Julia Huppert⁽¹⁾ - Tommy Regen⁽¹⁾ - Julia Bruttger⁽²⁾ - Christoph Kuhlmann⁽³⁾ - Heiko Luhmann⁽³⁾ - Ari Waisman⁽¹⁾

Institute For Molecular Medicine, University Medical Center Of The Johannes Gutenberg-university Mainz, Mainz, Germany⁽¹⁾ - Institute For Molecular Medicine, University Medical Center Of The Johannes Gutenberg-university Mainz, Mainz, Germany⁽²⁾ - Institute Of Physiology And Pathophysiology, University Medical Center Of The Johannes Gutenberg University, Mainz, Germany⁽³⁾

447 - EFFECTS OF DAILY IN VITRO FTY720 EXPOSURES ON HUMAN ASTROCYTES SIGNALING AND NEUROINFLAMMATION-RELEVANT FUNCTIONAL RESPONSES

Celina L. Wu⁽¹⁾ - Soo Yuen Leong⁽¹⁾ - Louis Philippe Bernier⁽¹⁾ - Craig S. Moore⁽¹⁾ - Trina A. Johnson⁽²⁾ - Philippe Séguéla⁽¹⁾ - Amit Bar-or⁽¹⁾ - Jack P. Antel⁽¹⁾

Mcgill University, Montreal Neurological Institute, Montreal, Canada⁽¹⁾ - Experimental Therapeutics Program, Mcgill University, Montreal, Canada⁽²⁾

38 - CHARACTERIZATION OF THE NEUROPROTECTIVE ASPECTS OF THE IMMUNE RESPONSE AFTER PERIPHERAL NERVE INJURY

Elke Ydens⁽¹⁾ - Sofie Goethals⁽¹⁾ - Martin Guillems⁽²⁾ - Vincent Timmerman⁽¹⁾ - Sophie Janssens⁽²⁾

Vib - Molecular Genetics, University Of Antwerp, Antwerpen, Belgium⁽¹⁾ - Vib - Molecular Biomedical Research, University Of Ghent, Ghent, Belgium⁽²⁾

156 - Th17 CELLS ARE A NEURITOGENIC T HELPER CELL SUBSET IN GUILLAIN-BARRÉ SYNDROME

Hongliang Zhang⁽¹⁾ - Xu Wang⁽¹⁾ - Shujuan Li⁽²⁾ - Jie Zhu⁽¹⁾

Department Of Neurobiology, Care Sciences And Society, Karolinska Institute, Stockholm, Sweden⁽¹⁾ - Department Of Neurology, First Hospital, Jilin University, Changchun, China⁽²⁾



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Wednesday, November 7th, 2012

Protein-Glycan interactions in neuroimmune diseases8.30am - 9.15am Plenary Symposium 5 (America Ballroom)

541 - TOLEROGENIC CIRCUITS MEDIATED BY GALECTIN-GLYCAN INTERACTIONS IN THE RESOLUTION OF AUTOIMMUNE INFLAMMATION

Gabriel Rabinovich ⁽¹⁾08:30

Instituto De Biología Y Medicina Experimental, Conicet/ Universidad De Buenos Aires, Buenos Aires, Argentina ⁽¹⁾

Microbiome9.15am - 10.00am Plenary Symposium 6 (America Ballroom)

BASELINE FOR A HEALTHY HUMAN MICROBIOME;

Dirk Gevers09:15

COFFEE BREAK 10:00 - 10:30

The microbiome10.30am - 12pm - Room A (Concurrent Symposia 7)

Chair: L. Kasper, H. Wekerle

556 - INFLUENCE OF THE MICROBIOME ON IMMUNE DEVELOPMENT

Dennis Kasper ⁽¹⁾10:30

Department Of Microbiology And Immunobiology, Harvard Medical School, Boston, United States ⁽¹⁾

574 - ROLE OF COMMENSAL BACTERIA IN THE CONTROL OF CENTRAL NERVOUS SYSTEM DISEASE

Lloyd Kasper ⁽¹⁾11:00

Gesisel School of Medicine, Dartmouth College, Hanover, NH, United States ⁽¹⁾

558 - REMOTE CONTROL: ON THE INTESTINAL ORIGIN OF DEMYELINATING AUTOIMMUNE DISEASE

Hartmut Wekerle ⁽¹⁾11:30

Max Planck Institute Of Neurobiology, Neuroimmunology, Hertie Professorship, Planegg-martinsried, Germany ⁽¹⁾

What makes T cells encephalitogenic10.30am - 12pm - Room B (Concurrent Symposia 8)

Chair: B. Becher, V. Kuchroo

Daniel Cua10:30

545 - CYTOKINE-MEDIATED REGULATION OF NEUROINFLAMMATORY PATTERNS IN EAE

Sarah Simmons ⁽¹⁾ - **Joan Goverman**11:15

Dept. Immunology, University Of Washington, Seattle, United States ⁽¹⁾ - ⁽²⁾

Innate immunity in neuroinflammation and brain development

.....10.30am - 12pm - Room C (Concurrent Symposia 9)

Chair: S. Rivest, F. Zipp

575 - MOLECULAR MECHANISMS OF AXO-GLIAL INJURY;

Peter Stys10:30

—
Frederic Geissmann11:00



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Wednesday, November 7th, 2012

555 - INFLAMMATORY NEURONAL INJURY IN THE CENTRAL NERVOUS SYSTEM

Frauke Zipp ⁽¹⁾11:30

Focus Program Translational Neuroscience (ftn), Rhine Main Neuroscience Network (rmn2), Department Of Neurology, University Medical Center Mainz, Mainz, Germany ⁽¹⁾

LUNCH BREAK 12:00 - 13:00

The Immunology Lecture.....1.00pm - 2.00pm - Plenary Lecture 3 (America Ballroom)

537 - T CELLS IN EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS AND MULTIPLE SCLEROSIS

Kingston Mills ⁽¹⁾13:00

Trinity College Dublin, Trinity College Dublin, Dublin, Ireland ⁽¹⁾

Mechanisms of CNS disease2.00pm - 3.30pm - Room A (Oral Presentations 7)

Chair: R. Hohlfeld, R. Hintzen

45 - A FOREBRAIN IMMUNE CELLULAR PATHWAY FOR THE PREVENTION OF CNS AUTOIMMUNITY

Mohammad G Mohammad ⁽¹⁾ - Vicky Ww Tsai ⁽¹⁾ - Masoud Hassanpour ⁽¹⁾ - Hui Li ⁽¹⁾ - Samuel N Breit ⁽¹⁾ - Prue H Hart ⁽²⁾ - Paul E Sawchenko ⁽³⁾ -

David Alexander Brown ⁽¹⁾14:00

St Vincent's Centre For Applied Medical Research, University Of New South Wales, Sydney, Australia ⁽¹⁾ - Telethon Institute For Child Research, University Of Western Australia, Perth, Australia ⁽²⁾ - Laboratory For Neuronal Structure And Function, Salk Institute For Biological Studies, La Jolla, United States ⁽³⁾

329 - MITOCHONDRIAL FRAGMENTATION AND LOSS OF FUNCTION AT THE ONSET OF NEUROLOGICAL DEFICIT IN A NEUROINFLAMMATORY MODEL OF MULTIPLE SCLEROSIS (MS) STUDIED BY IN VIVO IMAGING

Mona Sadeghian ⁽¹⁾ - Angelina Mosely ⁽¹⁾ - Vincenzo Mastrolia ⁽¹⁾ - Gizem Mullali ⁽¹⁾ - Setephanie Bowen ⁽¹⁾ - Marija Sajic ⁽¹⁾ - Michael Duchon ⁽²⁾

- Kenneth Smith ⁽¹⁾14:15

Institute Of Neurology, Ucl, London, United Kingdom ⁽¹⁾ - University College London, Ucl, London, United Kingdom ⁽²⁾

50 - MOLECULAR MECHANISMS OF IMMUNE-MEDIATED NEURODEGENERATION - AN IN VIVO TWO-PHOTON IMAGING APPROACH

René Gollan ⁽¹⁾ - Magdalena Paterka ⁽¹⁾ - Jerome Birkenstock ⁽¹⁾ - Frauke Zipp ⁽¹⁾14:30

Department Of Neurology, University Medical Center Mainz; Johannes Gutenberg University Mainz, Mainz, Germany ⁽¹⁾

191 - TRPM4 CATION CHANNEL MEDIATES NEURO-AXONAL DEGENERATION IN CENTRAL NERVOUS SYSTEM INFLAMMATION

Benjamin Schattling ⁽¹⁾ - Karin Steinbach ⁽²⁾ - Edda Thies ⁽³⁾ - Martin Kruse ⁽⁴⁾ - Aurélie Menigoz ⁽⁵⁾ - Friederike Ufer ⁽¹⁾ - Veit Flockerzi ⁽⁶⁾ - Wolfgang Brück ⁽⁷⁾ - Olaf Pongs ⁽⁴⁾ - Rudi Vennekens ⁽⁵⁾ - Matthias Kneussel ⁽³⁾ - Marc Freichel ⁽⁸⁾ - Doron Merkler ⁽²⁾ - Manuel A. Fries ⁽¹⁾14:45

Forschergruppe Neuroimmunologie, Zentrum Für Molekulare Neurobiologie, Universitätsklinikum Hamburg-eppendorf, Hamburg, Germany ⁽¹⁾ - Division Of Clinical Pathology, Department Of Pathology And Immunology, Geneva University Hospital, Geneva, Switzerland ⁽²⁾ - Institut Für Molekulare Neurogenetik, Zentrum Für Molekulare Neurobiologie, Universitätsklinikum Hamburg-eppendorf, Hamburg, Germany ⁽³⁾ - Institut Für Neurale Signalverarbeitung, Zentrum Für Molekulare Neurobiologie, Universitätsklinikum Hamburg-eppendorf, Hamburg, Germany ⁽⁴⁾ - Department Of Molecular And Cellular Biology, Laboratory Of Ion Channel Research, Katholieke Universiteit Leuven, Leuven, Belgium ⁽⁵⁾ - Experimentelle Und Klinische Pharmakologie Und Toxikologie, Universität Des Saarlandes, Homburg, Germany ⁽⁶⁾ - Institut Für Neuropathologie, Georg-August-Universität, Göttingen, Germany ⁽⁷⁾ - Pharmakologisches Institut, Universitätsklinikum Heidelberg, Heidelberg, Germany ⁽⁸⁾

394 - Kif21b AND Kif5a EXPRESSION IS ASSOCIATED WITH ACCELERATED NEURODEGENERATION IN MULTIPLE SCLEROSIS AND ALZHEIMER'S DISEASE

Karim Kreft ⁽¹⁾ - Marjan Van Meurs ⁽²⁾ - Annet Wierenga-wolf ⁽²⁾ - Ben Oostra ⁽³⁾ - Jon Laman ⁽²⁾ - Rogier Hintzen ⁽⁴⁾15:00

Neurology And Immunology, Erasmus Mc, University Medical Center, Rotterdam, Netherlands ⁽¹⁾ - Immunology, Erasmus Mc, University Medical Center, Rotterdam, Netherlands ⁽²⁾ - Clinical Genetics, Erasmus Mc, University Medical Center, Rotterdam, Netherlands ⁽³⁾ - Neurology, Erasmus Mc, University Medical Center, Rotterdam, Netherlands ⁽⁴⁾



11th International Congress of Neuroimmunology



SCIENTIFIC PROGRAM

Wednesday, November 7th, 2012

427 - TARGETING GRANZYME B: A POTENTIALLY NOVEL NEUROPROTECTIVE STRATEGY FOR INFLAMMATORY-MEDIATED NEURODEGENERATIVE DISEASES

Yohannes Haile ⁽¹⁾ - Katia Carmine-simmen ⁽²⁾ - Bradley Kerr ⁽³⁾ - Chris Bleackley ⁽²⁾ - Fabrizio Giuliani ⁽¹⁾15:15
University Of Alberta, Department Of Medicine, Edmonton, Canada ⁽¹⁾ - University Of Alberta, Department Of Biochemistry, Edmonton, Canada ⁽²⁾ - University Of Alberta, Department Of Anaesthesiology And Pain Medicine, Edmonton, Canada ⁽³⁾

Stem cells2.00pm - 3.30pm - Room B (Oral Presentations 8)

Chair: D. Karussis, S. Pluchino

108 - ABLATION OF ENDOGENOUS NEURAL PRECURSOR CELLS OF THE PERIVENTRICULAR ZONE WORSENS ACUTE CEREBRAL ISCHEMIA

Marco Bacigaluppi ⁽¹⁾ - Mario Amatruda ⁽²⁾ - Luca Peruzzotti-jametti ⁽³⁾ - Erica Butti ⁽²⁾ - Mattia Gallizioli ⁽³⁾ - Giancarlo Comi ⁽⁴⁾ - Maria Sessa ⁽⁴⁾ - Gianvito Martino ⁽²⁾14:00
Neuroimmunology Unit, Institute Of Experimental Neurology, Vita-salute University, Milan, Italy ⁽¹⁾ - Neuroimmunology Unit, Institute Of Experimental Neurology, San Raffaele Hospital, Milan, Italy ⁽²⁾ - Neuroimmunology Unit, Institute Of Experimental Neurology, Vita- Salute University, Milan, Italy ⁽³⁾ - Institute Of Experimental Neurology, San Raffaele Hospital, Milan, Italy ⁽⁴⁾

136 - NEURAL STEM CELLS DERIVED FROM iPSCS REPRESENT A SAFE AND EFFECTIVE SOURCE FOR STEM CELL THERAPY IN EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS

Cecilia Laterza ⁽¹⁾ - Arianna Merlini ⁽¹⁾ - Donatella De Feo ⁽¹⁾ - Marco Onorati ⁽²⁾ - Angelo Lombardo ⁽³⁾ - Evelien Fredrickx ⁽⁴⁾ - Giorgia Dina ⁽⁵⁾ - Francesca Ruffini ⁽¹⁾ - Elena Brambilla ⁽¹⁾ - Elena Cattaneo ⁽²⁾ - Angelo Quattrini ⁽⁶⁾ - Carla Taveggia ⁽⁴⁾ - Gianvito Martino ⁽⁷⁾14:15
Neuroimmunology Unit, Inspe, Ospedale San Raffaele, Milano, Italia ⁽¹⁾ - Department Of Pharmacological Sciences And Centre For Stem Cell Research, University Of Milano, Milano, Italia ⁽²⁾ - Gene Transfer Technologies And New Gene Therapy Strategies Unit, San Raffaele-telethon Institute For Gene Therapy (hsr-tiget), Milano, Italia ⁽³⁾ - Axo-glial Interaction Unit, Ospedale San Raffaele, Milano, Italia ⁽⁴⁾ - Neuropathology Unit, Ospedale San Raffaele, Milano, Italia ⁽⁵⁾ - Neuropathology Unit, Ospedale San Raffaele, Milano, Italia ⁽⁶⁾ - Neuroimmunology Unit, Ospedale San Raffaele, Milano, Italia ⁽⁷⁾

252 - NEURAL STEM CELLS SORT PROTEIN AND RNA CARGOES FOR EXPORT WITH EXOSOMES IN RESPONSE TO INFLAMMATION

Chiara Cossetti ⁽¹⁾ - Tim R. Mercer ⁽²⁾ - Emanuele Alpi ⁽³⁾ - Tommaso Leonardi ⁽¹⁾ - Denise Drago ⁽³⁾ - Nunzio Iraci ⁽¹⁾ - Clara Alfaro-cervello ⁽¹⁾ - Marcel E. Dinger ⁽²⁾ - Sabine Dietmann ⁽⁴⁾ - Joanna Crawford ⁽²⁾ - Carla Caddeo ⁽⁵⁾ - Manuel Garcia Verdugo ⁽⁶⁾ - Angela Bachi ⁽³⁾ - John S. Mattick ⁽²⁾ - Stefano Pluchino ⁽¹⁾14:30
Cambridge Centre For Brain Repair, University Of Cambridge, Cambridge, United Kingdom ⁽¹⁾ - Institute For Molecular Bioscience, University Of Queensland, Brisbane, Australia ⁽²⁾ - Biomolecular Mass Spectrometry Unit, San Raffaele Scientific Institute, Milan, Italy ⁽³⁾ - Wellcome Trust Center For Stem Cell Research, University Of Cambridge, Cambridge, United Kingdom ⁽⁴⁾ - Department Of Pharmaco-chemical Technology, University Of Cagliari, Cagliari, Italy ⁽⁵⁾ - Departamento De Neurobiología Comparada, Instituto Cavanilles, Universidad De Valencia, Valencia, Spain ⁽⁶⁾

195 - SUBVENTRICULAR ZONE NEURAL PROGENITORS PROTECT STRIATAL NEURONS FROM GLUTAMATERGIC EXCITOTOXICITY

Erica Butti ⁽¹⁾ - Marco Bacigaluppi ⁽¹⁾ - Silvia Rossi ⁽²⁾ - Marco Cambiaghi ⁽³⁾ - Monica Bari ⁽⁴⁾ - Arantxa Cebrian Silla ⁽⁵⁾ - Elena Brambilla ⁽¹⁾ - Alessandra Musella ⁽⁶⁾ - Luis Teneud ⁽³⁾ - Valentina De Chiara ⁽²⁾ - Jose Manuel Garcia-verdugo ⁽⁵⁾ - Giancarlo Comi ⁽³⁾ - Letizia Leocani ⁽³⁾ - Mauro Maccarrone ⁽⁷⁾ - Diego Centonze ⁽²⁾ - Gianvito Martino ⁽¹⁾14:45
Neuroimmunology Unit, Division Of Neuroscience, Inspe, San Rafael Hospital, Milan, Italy ⁽¹⁾ - Neurologic Clinic, Department Of Neuroscience, Tor Vergata University, Rome, Italy ⁽²⁾ - Department Of Neurology And Neurophysiology, Inspe, San Rafael Hospital, Milan, Italy ⁽³⁾ - Department Of Experimental Medicine And Biochemical Sciences, Tor Vergata University, Rome, Italy ⁽⁴⁾ - Department Comparative Neurobiology, Instituto Cavanilles, University Of Valencia, Valencia, Spain ⁽⁵⁾ - European Center For Brain Research, Santa Lucia Foundation, Rome, Italy ⁽⁶⁾ - Department Of Biomedical Sciences, University Of Teramo, Teramo, Italy ⁽⁷⁾

260 - THERAPEUTIC POTENTIAL OF AMNION EPITHELIAL CELLS FOR THE TREATMENT OF AUTOIMMUNE-MEDIATED DEMYELINATION

Courtney Mcdonald ⁽¹⁾ - Natalie Payne ⁽¹⁾ - Guizhi Sun ⁽¹⁾ - Leon Moussa ⁽¹⁾ - Christopher Siatskas ⁽¹⁾ - Euan Wallace ⁽²⁾ - Graham Jenkin ⁽²⁾ - **Claude C.a. Bernard** ⁽¹⁾15:00
Monash Immunology And Stem Cell Laboratories, Monash University, Clayton/melbourne, Australia ⁽¹⁾ - The Ritchie Centre, Mimr,, Monash University, Clayton/melbourne, Australia ⁽²⁾





SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Wednesday, November 7th, 2012

362 - THE SMALL HEAT SHOCK PROTEIN ALPHA B-CRYSTALLIN RESCUES OLIGODENDROCYTE PROGENITORS FROM CUPRIZONE-INDUCED DEMYELINATION AND PROMOTES REMYELINATION

Hedwich F Kuipers ⁽¹⁾ - Jane Yoon ⁽¹⁾ - Jeroen Vister ⁽¹⁾ - Theo D Palmer ⁽²⁾ - Lawrence Steinman ⁽¹⁾15:15
Stanford University, Dept. Of Neurology, Stanford, Ca, United States ⁽¹⁾ - Stanford University, Dept. Of Neurosurgery, Stanford, Ca, United States ⁽²⁾

T cells2.00pm - 3.30pm - Room C (Oral Presentations 9)

Chair: A. Waisman, P. Villoslada

168 - INTERFERON GAMMA SIGNALING IN T CELLS ATTENUATES AUTOIMMUNITY, BUT IS NOT ESSENTIAL FOR Th17 PLASTICITY IN VIVO

Florian Wanke ⁽¹⁾ - Werner Müller ⁽²⁾ - Ari Waisman ⁽¹⁾ - **Florian Kurschus** ⁽¹⁾14:00
Institute For Molecular Medicine, University Medical Center Of The Johannes Gutenberg-university, Mainz, Germany ⁽¹⁾ - Faculty For Life Sciences, University Of Manchester, Manchester, United Kingdom ⁽²⁾

331 - INHIBITION OF CD4+ T CELL-MEDIATED TISSUE INFLAMMATION BY PODOPLANIN

Anneli Peters ⁽¹⁾ - Patrick Burkett ⁽¹⁾ - Raymond Sobel ⁽²⁾ - Estelle Bettelli ⁽³⁾ - Vijay Kuchroo ⁽¹⁾14:15
Center For Neurologic Diseases, Brigham And Women's Hospital / Harvard Medical School, Boston, United States ⁽¹⁾ - Palo Alto Veteran's Administration Health Care System And Department Of Pathology, Stanford University School Of Medicine, Stanford, United States ⁽²⁾ - Benaroya Research Institute, University Of Washington, Seattle, United States ⁽³⁾

439 - ROLE OF ATF3/Id1 AXIS IN THE RESISTANCE OF MEMORY CD4 T CELLS TO SUPPRESSION IN AUTOIMMUNE ENCEPHALOMYELITIS

Wassim Elyaman ⁽¹⁾ - Ribal Bassil ⁽¹⁾ - Elizabeth Bradshaw ⁽¹⁾ - William Orent ⁽¹⁾ - Samia Khoury ⁽¹⁾14:30
Brigham And Women's Hospital, Harvard Medical School, Boston, United States ⁽¹⁾

335 - POLYCLONAL AUTOREACTIVE T CELLS THAT CO-RECOGNIZE A MYELIN AND A NEURONAL ANTIGEN: A NATURAL COMPONENT OF THE T-CELL COMPARTMENT OF C57BL6 MICE

Liliana E. Lucca ⁽¹⁾14:45
Centre De Physiopathologie De Toulouse Purpan Inserm U1043, Purpan Hospital/paul Sabatier University, Toulouse, France ⁽¹⁾

354 - T CELL INVASION OF THE CNS: THE LUNG PATHS THE WAY

Francesca Odoardi ⁽¹⁾ - Christopher Sie ⁽¹⁾ - Christian Schläger ⁽¹⁾ - Dmitri Lodygin ⁽¹⁾ - Cassandra Flügel-koch ⁽²⁾ - Alexander Flügel ⁽¹⁾15:00
Institute For Multiple Sclerosis Research, Department Of Neuroimmunology, Gemeinnützige Hertie-stiftung And University Medical Centre, Göttingen, Germany ⁽¹⁾ - Institute For Anatomy II, Friedrich-alexander-university, Erlangen, Germany ⁽²⁾

359 - DIRECT IMAGING OF T CELL ACTIVATION DURING EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS

Dmitri Lodygin ⁽¹⁾ - Francesca Odoardi ⁽¹⁾ - Christian Schläger ⁽¹⁾ - Henrike Körner ⁽¹⁾ - Jens Van Den Brandt ⁽²⁾ - Holger Reichardt ⁽³⁾ - Alexandra Kitz ⁽¹⁾ - Michail Nosov ⁽⁴⁾ - Michael Haberl ⁽¹⁾ - Alexander Flügel ⁽⁵⁾15:15
Intitute For Multiple Sclerosis Research, University Medical Centre Göttingen, Göttingen, Germany ⁽¹⁾ - Central Core And Research Facility Of Laboratory Animals, University Of Greifswald Medical School, Greifswald, Germany ⁽²⁾ - Department Of Cellular And Molecular Immunology, University Medical Centre Göttingen, Göttingen, Germany ⁽³⁾ - Regenerative Medicine Institute, National University Of Ireland, Galway, Ireland ⁽⁴⁾ - Institute For Multiple Sclerosis Research, University Medical Centre Göttingen, Göttingen, Germany ⁽⁵⁾

Technology Talk 3Plenary Talk 3 (America Ballroom)

GENERATION OF MONOCLONAL TRANSGENIC MICE BY NUCLEAR TRANSFER;

Hidde Ploegh15:30



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Wednesday, November 7th, 2012

PS 15: Brain tumors and paraneoplastic.....16:30 - 17:30 Poster & Coffee Breaks (Staffordshire and St. George)

279 - CHARACTERIZATION OF YO ANTIBODIES

Tilo Wolf Eichler ⁽¹⁾ - Cecilie Totland ⁽¹⁾ - Mette Haugen ⁽²⁾ - Tor H. Qvale ⁽¹⁾ - Kibret Mazengia ⁽¹⁾ - Anette Storstein ⁽²⁾ - Bjørn Ivar Haukanes ⁽³⁾ - Christian A. Vedeler ⁽¹⁾

Department Of Clinical Medicine, University Of Bergen, Bergen, Norway ⁽¹⁾ - Neurology Department, Haukeland Universityhospital, Bergen, Norway ⁽²⁾ - Centre For Medical Genetics And Molecular Medicine, Haukeland Universityhospital, Bergen, Norway ⁽³⁾

395 - ON THE ROLE OF NUCLEOLIN IN GLIOMA PROGRESSION

Murat Yilmaz ⁽¹⁾ - Oguzkan Sürücü ⁽¹⁾ - **Karl Frei** ⁽¹⁾

Department Of Neurosurgery, University Hospital Zurich, Zurich, Switzerland ⁽¹⁾

293 - MODULATION OF INNATE IMMUNITY IN GLIOBLASTOMA

Galina Gabriely ⁽¹⁾ - Howard Weiner ⁽¹⁾

Center For Neurologic Diseases, Brigham And Women's Hospital/harvard Medical School, Boston, United States ⁽¹⁾

363 - A SET OF TARGET ANTIGENS OF AUTOANTIBODIES ASSOCIATED WITH PARANEOPLASTIC NEUROLOGICAL SYNDROMES IS EXPRESSED IN SMALL-CELL LUNG CANCER CELL LINES

Ramona Bahtz ⁽¹⁾ - Stephan Tiede ⁽¹⁾ - Christian Probst ⁽¹⁾ - Wolfgang Meyer ⁽¹⁾ - Winfried Stöcker ⁽¹⁾ - **Lars Komorowski** ⁽¹⁾

Immunobiochemical Research, Institute Of Experimental Immunology, Lübeck, Germany ⁽¹⁾

140 - PARANEOPLASTIC NEUROLOGICAL MANIFESTATIONS IN PATIENTS WITH LUNG CANCER WITHOUT ONCONEURAL ANTIBODIES

Margrethe Raspotnig ⁽¹⁾ - Mette Haugen ⁽²⁾ - Christian Vedeler ⁽¹⁾ - Anette Storstein ⁽¹⁾

Department Of Neurology, Haukeland University Hospital, Bergen, Norway ⁽¹⁾ - Department Of Clinical Medicine, University Of Bergen, Bergen, Norway ⁽²⁾

62 - ANTIBODY REPERTOIRE IN PARANEOPLASTIC CEREBELLAR DEGENERATION ASSOCIATED WITH SMALL CELL LUNG CANCER

Lidia Sabater ⁽¹⁾ - Romana Höftberger ⁽²⁾ - Anna Boronat ⁽³⁾ - Albert Saiz ⁽⁴⁾ - Josep Dalmau ⁽⁵⁾ - Francesc Graus ⁽⁴⁾

Idibaps/fundació Clinic, Hospital Clinic, Barcelona, Spain ⁽¹⁾ - Institute Of Neurology, Medical University Of Vienna, Vienna, Austria ⁽²⁾ - Idibaps/fundació Clinic, Hospital Clinic/universitat De Barcelona, Barcelona, Spain ⁽³⁾ - Neurology, Hospital Clinic, Barcelona, Spain ⁽⁴⁾ - Department Of Neurology, University Of Pennsylvania, Philadelphia, United States ⁽⁵⁾

PS 16: Infections.....16:30 - 17:30 Poster & Coffee Break (Staffordshire and St. George)

458 - IMPAIRED INFLUENZA IMMUNITY IN SPINAL CORD INJURED MICE

Valerie Bracchi-ricard ⁽¹⁾ - Ji Zha ⁽¹⁾ - Samita Andreansky ⁽²⁾ - John R. Bethea ⁽¹⁾

The Miami Project To Cure Paralysis, University Of Miami Miller School Of Medicine, Miami, United States ⁽¹⁾ - Department Of Pediatric Hematology, University Of Miami Miller School Of Medicine, Miami, United States ⁽²⁾

171 - HERPES SIMPLEX ENCEPHALITIS LEADS TO ACUTE LATERAL VENTRICULAR ENLARGEMENT IN MICE AND MAN

Christopher Conrady ⁽¹⁾ - Douglas Drevets ⁽²⁾ - Anthony Alleman ⁽³⁾ - **Daniel Carr** ⁽⁴⁾

Department Of Microbiology/immunology, University Of Oklahoma Health Sciences Center, Oklahoma City, United States ⁽¹⁾ - Department Of Internal Medicine, University Of Oklahoma Health Sciences Center, Oklahoma City, United States ⁽²⁾ - Department Of Radiological Sciences, University Of Oklahoma Health Sciences Center, Oklahoma City, United States ⁽³⁾ - Department Of Ophthalmology, University Of Oklahoma Health Sciences Center, Oklahoma City, United States ⁽⁴⁾

476 - NON-REDUNDANT IN VIVO FUNCTIONS OF IFN-BETA PROTECT AGAINST VIRUS INFECTIONS WITHIN THE CENTRAL NERVOUS SYSTEM

Claudia N. Detje ⁽¹⁾ - Stefan Lienenklaus ⁽²⁾ - Claudia Soldner ⁽¹⁾ - Michael Tovey ⁽³⁾ - Julia Heinrich ⁽¹⁾ - Siegfried Weiss ⁽²⁾ - Ulrich Kalinke ⁽¹⁾

Institute For Experimental Infection Research, Twincore, Centre For Experimental And Clinical Infection Research, Hannover, Germany ⁽¹⁾ - Department Of Molecular Immunology, Helmholtz Centre For Infection Research, Braunschweig, Germany ⁽²⁾ - Laboratory Of Biotechnology And Applied Pharmacology, Ecole Normale Supérieure De Cachan, Cachan, France ⁽³⁾





SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Wednesday, November 7th, 2012

167 - DYNAMICS OF MEMORY T CELLS CLEARING A PERSISTENT CNS INFECTION IN THE ABSENCE OF SEVERE TISSUE INJURY

Jasmin Herz ⁽¹⁾ - Dorian B. McGavern ⁽²⁾

National Institute Of Neurological Disorders And Stroke, National Institutes Of Health, Bethesda, United States ⁽¹⁾ - National Institute Of Neurological Disorders And Stroke, National Institutes Of Health, Bethesda, Md 20892, United States ⁽²⁾

12 - A NK COMPLEX-LINKED LOCUS RESTRICTS THE SPREAD OF HERPES SIMPLEX VIRUS TYPE 1 (HSV-1) IN THE CENTRAL NERVOUS SYSTEM (CNS)

Lorne Kastrukoff ⁽¹⁾ - Allen Lau ⁽¹⁾ - Fumio Takei ⁽²⁾ - Anthony Scalzo ⁽³⁾ - Francis Carbone ⁽⁴⁾

Department Of Medicine, University Of British Columbia, Vancouver, Canada ⁽¹⁾ - British Columbia Cancer Research Centre, University Of British Columbia, Vancouver, Canada ⁽²⁾ - Lions Eye Institute, University Of Western Australia, Perth, Australia ⁽³⁾ - Department Of Microbiology And Immunology, University Of Melbourne, Melbourne, Australia ⁽⁴⁾

119 - THE ROLE OF IL-10 IN MODULATING FATAL ALPHAVIRUS ENCEPHALOMYELITIS

Kirsten Kulcsar ⁽¹⁾ - Diane Griffin ⁽²⁾

Johns Hopkins School Of Medicine, Johns Hopkins University, Baltimore, Md, United States ⁽¹⁾ - Bloomberg School Of Public Health, Johns Hopkins University, Baltimore, Md, United States ⁽²⁾

215 - ABSENCE OF A ROBUST INNATE IMMUNE RESPONSE IN RAT NEURONS FACILITATES PERSISTENT INFECTION OF BORNA DISEASE VIRUS IN THE CENTRAL NERVOUS SYSTEM

Chia-ching Lin ⁽¹⁾ - Yuan-ju Wu ⁽¹⁾ - Sonja Schmid ⁽²⁾ - Bernd Heimrich ⁽³⁾ - Martin Schwemmle ⁽¹⁾

Department Of Virology, Institute For Medical Microbiology And Hygiene, University Of Freiburg, Freiburg Im Breisgau, Germany ⁽¹⁾ - Department Of Microbiology, Mount Sinai School Of Medicine, New York, United States ⁽²⁾ - Institute Of Anatomy And Cell Biology, University Of Freiburg, Freiburg Im Breisgau, Germany ⁽³⁾

124 - TREATMENT OF HELICOBACTER PYLORI INFECTION AND RISK OF PARKINSON'S DISEASE IN DENMARK

Helle H Nielsen ⁽¹⁾ - Jiaheng Qiu ⁽²⁾ - Søren Friis ⁽³⁾ - Lene Wermuth ⁽¹⁾ - Beate Ritz ⁽⁴⁾

Department Of Neurology, Odense University Hospital, Odense, Denmark ⁽¹⁾ - Department Of Biostatistics, UCLA School Of Public Health, Los Angeles, United States ⁽²⁾ - Institute Of Cancer Epidemiology, Danish Cancer Society, Copenhagen, Denmark ⁽³⁾ - Department Of Epidemiology, UCLA School Of Public Health, Los Angeles, United States ⁽⁴⁾

442 - LIPOCALIN 2 EXPRESSION AND FUNCTION IN THE CENTRAL NERVOUS SYSTEM HOST IMMUNE RESPONSE TO WEST NILE VIRUS INFECTION

Aline L. Noçon ⁽¹⁾ - Jacque Ip ⁽¹⁾ - Sue Ling Lim ⁽¹⁾ - Rachael Terry ⁽²⁾ - Daniel Getts ⁽²⁾ - Marcus Müller ⁽¹⁾ - Markus J. Hofer ⁽¹⁾ - Nicholas J.c. King ⁽²⁾ - Iain L. Campbell ⁽¹⁾

School Of Molecular Bioscience & Bosch Institute, University Of Sydney, Sydney, Australia ⁽¹⁾ - Department Of Pathology & Bosch Institute, University Of Sydney, Sydney, Australia ⁽²⁾

381 - CHARACTERIZATION OF EPSTEIN-BARR VIRUS GENOTYPES IN MULTIPLE SCLEROSIS

Claudia Policano ⁽¹⁾

Dipartimento Di Neuroscienze, Salute Mentale E Organi Di Senso, Centro Neurologico Terapie Sperimentali (centers), Sapienza Università Di Rome, Rome, Italy ⁽¹⁾

436 - ALPHA-PROTEOBACTERIA PREDOMINATE IN THE HUMAN BRAIN MICROBIOME INDEPENDENT OF HOST IMMUNE STATUS

William Branton ⁽¹⁾ - Kristofor K. Ellestad ⁽²⁾ - Ferdinand Maingat ⁽¹⁾ - B. Matt Wheatley ⁽³⁾ - Erling Rud ⁽⁴⁾ - René L. Warren ⁽⁵⁾ - Robert A. Holt ⁽⁵⁾ - Michael G. Surette ⁽⁶⁾ - **Christopher Power** ⁽¹⁾

Department Of Medicine, University Of Alberta, Edmonton, Canada ⁽¹⁾ - Medical Microbiology & Immunology, University Of Alberta, Edmonton, Canada ⁽²⁾ - Surgery, University Of Alberta, Edmonton, Canada ⁽³⁾ - National Laboratory For HIV Pathogenesis, Health Canada, Ottawa, Canada ⁽⁴⁾ - British Columbia Cancer Agency, Genome Sciences Centre, Vancouver, Canada ⁽⁵⁾ - Department Of Medicine, McMaster University, Hamilton, Canada ⁽⁶⁾



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Wednesday, November 7th, 2012

352 - Th17 CELLS MEDIATE PROTECTION AGAINST ACUTE VIRAL INFECTION OF THE CNS

Veit Rothhammer ⁽¹⁾ - Andreas Muschaweckh ⁽²⁾ - Franziska Petermann ⁽¹⁾ - Sylvia Heink ⁽¹⁾ - Bernhard Hemmer ⁽¹⁾ - Ingo Drexler ⁽³⁾ - Thomas Korn ⁽¹⁾

Department Of Neurology, Technical University, Munich, Germany ⁽¹⁾ - Institute Of Virology, Technial University, Munich, Germany ⁽²⁾ - Institute Of Virology, Heinrich Heine Universitaet, Duesseldorf, Germany ⁽³⁾

115 - ANTIVIRAL PRIMING DURING DIFFERENTIATION OF NEURONS RESTRICTS ALPHAVIRUS REPLICATION

Kimberly Schultz ⁽¹⁾ - Patty Vernon ⁽¹⁾ - Diane Griffin ⁽¹⁾

Bloomberg School Of Public Health, Johns Hopkins University, Baltimore, United States ⁽¹⁾

165 - VARICELLA ZOSTER VIRUS IgG TITERS CORRELATE WITH MULTIPLE SCLEROSIS

Emilie Sundqvist ⁽¹⁾ - Tomas Bergström ⁽²⁾ - Hadi Daialhosein ⁽²⁾ - Peter Sundström ⁽³⁾ - Jan Hillert ⁽¹⁾ - Lars Alfredsson ⁽⁴⁾ - Ingrid Kockum ⁽¹⁾ - Tomas Olsson ⁽¹⁾

Department Of Clinical Neuroscience, Karolinska Institutet, Stockholm, Sweden ⁽¹⁾ - Institute Of Biomedicine, Gothenburg University, Gothenburg, Sweden ⁽²⁾ - Department Of Neurology, Umeå University Hospital, Umeå, Sweden ⁽³⁾ - Institute For Environmental Medicine, Karolinska Institutet, Stockholm, Sweden ⁽⁴⁾

471 - IFN-g RESPONSE AGAINST MEASLES VIRUS PEPTIDES IN SUBACUTE SCLEROSING PANENCEPHALITIS PATIENTS

Sibel P. Yentur ⁽¹⁾ - Semih Ayta ⁽²⁾ - Veysi Demirbilek ⁽³⁾ - Candan Gurses ⁽⁴⁾ - Serap Uysal ⁽⁵⁾ - Zuhail Yapici ⁽⁴⁾ - Safa Baris ⁽⁶⁾ - Umit Kuru ⁽⁷⁾ - Ozlem Cokar ⁽⁸⁾ - Guher Saruhan-direskeneli ⁽⁹⁾

Department Of Physiology, I.u. Istanbul Medical Faculty, Istanbul, Turkey ⁽¹⁾ - Department Of Pediatrics, Haseki Hospital, Istanbul, Turkey ⁽²⁾ - Department Of Neurology, I.u. Cerrahpasa Medical Faculty, Istanbul, Turkey ⁽³⁾ - Department Of Neurology, I.u. Istanbul Medical Faculty, Istanbul, Turkey ⁽⁴⁾ - Department Of Pediatrics, I.u. Cerrahpasa Medical Faculty, Istanbul, Turkey ⁽⁵⁾ - Department Of Pediatrics, Marmara Medical Faculty, Istanbul, Turkey ⁽⁶⁾ - Department Of Pediatrics, Bayrampasa Hospital, Istanbul, Turkey ⁽⁷⁾ - Department Of Neurology, Haseki; Hospital, Istanbul, Turkey ⁽⁸⁾ - Departments Of Physiology, I.u. Istanbul Medical Faculty, Istanbul, Turkey ⁽⁹⁾

PS 17: Mechanisms of CNS disease.16:30 - 17:30 Poster & Coffee Break (Staffordshire and St. George)

40 - ROLE OF OLIGODENDROCYTES IN EXCITOTOXIC AXONAL INJURY

Elif Ayse Akyol ⁽¹⁾ - Ari Waisman ⁽²⁾ - David Pitt ⁽³⁾

Department Of Neurology, University Medical Center Jgu Mainz, Mainz, Germany ⁽¹⁾ - Institute For Molecular Medicine Mainz, University Medical Center Jgu Mainz, Mainz, Germany ⁽²⁾ - Department Of Neurology, Ohio State University Medical Center, Columbus, United States ⁽³⁾

525 - ANTI-CD20 THERAPY REDUCES MICROGLIAL ACTIVATION AND LESION VOLUME IN FOCAL MODELS OF PATTERN I AND PATTERN II MULTIPLE SCLEROSIS

Daniel Anthony ⁽¹⁾ - Sandra Campbell ⁽¹⁾ - Alex Dickens ⁽¹⁾ - Begona Checa ⁽¹⁾ - Veerle Kersemans ⁽¹⁾ - Nicholas Seneca ⁽²⁾ - Mercedes Balazs ⁽³⁾ - David Leppert ⁽²⁾

University Of Oxford, University, Oxford, United Kingdom ⁽¹⁾ - Roche, Pharma, Basel, Switzerland ⁽²⁾ - Genentech, Pharma, San Francisco, United States ⁽³⁾

344 - OLIGODENDROCYTE CELL DEATH IN PROGRESSIVE MULTIFOCAL LEUKOENCEPHALOPATHY: VIRUS-INDUCED RATHER THAN CYTOTOXIC-T CELL MEDIATED.

Suzanne Laukoter ⁽¹⁾ - Helmut Rauschka ⁽²⁾ - Kurt Jellinger ⁽³⁾ - Hans Lassmann ⁽¹⁾ - **Jan Bauer** ⁽¹⁾

Center For Brain Research, Medical University Of Vienna, Vienna, Austria ⁽¹⁾ - Dept Of Neurology, Hospital Smz Ost, Vienna, Austria ⁽²⁾ - Institute Of Clinical Neurobiology, Medical University Of Vienna, Vienna, Austria ⁽³⁾

460 - THE MAO INHIBITOR PHENELZINE IMPROVES MOTOR AND NON-MOTOR OUTCOMES IN EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS (EAE)

Curtis Benson ⁽¹⁾ - Yohannes Haile ⁽²⁾ - Grace Wong ⁽³⁾ - Gustavo Tenorio ⁽³⁾ - Gail Rauw ⁽⁴⁾ - Fabrizio Guiliani ⁽⁵⁾ - Glen B. Baker ⁽⁶⁾ - Bradley J. Kerr ⁽³⁾

University Of Alberta, Centre For Neuroscience, Edmonton, Ab, Canada ⁽¹⁾ - University Of Alberta, Centre For Neuroscience, Edmonton, Ab, Canada ⁽²⁾ - University Of Alberta, Department Of Anesthesiology And Pain Medicine, Edmonton, Ab, Canada ⁽³⁾ - University Of Alberta, Department Of Psychiatry, Edmonton, Ab, Canada ⁽⁴⁾ - University Of Alberta, Centre For Neuroscience, Edmonton, Ab, Canada ⁽⁵⁾ - University Of Alberta, Department Of Psychiatry, Edmonton, Ab, Canada ⁽⁶⁾





SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Wednesday, November 7th, 2012

404 - REDUCED HIPPOCAMPAL NOS ACTIVITY AND BEHAVIORAL CHANGES IN RESTRAINT STRESSED RATS

Berenice Burdet ⁽¹⁾ - Damian G Maur ⁽¹⁾ - Andrea De Laurentiis ⁽¹⁾ - Valeria Rettori ⁽¹⁾ - Maria A Zorrilla Zubilete ⁽¹⁾

School Of Medicine, Cefybo-conicet, University Of Buenos Aires, Buenos Aires, Argentina ⁽¹⁾

519 - Nkx2.2 TRANSCRIPTION FACTOR PROMOTES EXPRESSION OF GENES INVOLVED IN MYELIN PRODUCTION IN MURINE CENTRAL NERVOUS SYSTEM

Bente Finsen ⁽¹⁾ - Mads Thomassen ⁽²⁾ - Ben Emery ⁽³⁾ - Tanja Kuhlmann ⁽⁴⁾ - Thomas Blicher ⁽⁵⁾ - Torben Kruse ⁽²⁾ - Christina Fenger ⁽¹⁾

Neurobiology Research, Institute Of Molecular Medicine, University Of Southern Denmark, Odense, Denmark ⁽¹⁾ - Human Microarray Centre, Clinical Genetics, Odense University Hospital, Odense, Denmark ⁽²⁾ - Centre For Neuroscience And Florey Neuroscience Institutes, University Of Melbourne, Melbourne, Australia ⁽³⁾ - Department Of Neuropathology, University Hospital Münster, Münster, Germany ⁽⁴⁾ - Nnf Center For Protein Research, University Of Copenhagen, Copenhagen, Denmark ⁽⁵⁾

346 - CONSISTENT PATTERNS OF CLINICAL AND LABORATORY FINDINGS IN PATIENTS WITH CO-EXISTENT AUTOIMMUNE THYROID DISEASE AND AUTOIMMUNE DEMYELINATING DISEASE IN THE CENTRAL NERVOUS SYSTEM

Judith Greer ⁽¹⁾ - Michael Pender ⁽²⁾

Uq Centre For Clinical Research, The University Of Queensland, Brisbane, Australia ⁽¹⁾ - School Of Medicine, The University Of Queensland, Brisbane, Australia ⁽²⁾

99 - INTERLEUKIN-6 CLASS CYTOKINES REGULATE THE DEVELOPMENT OF INFLAMMATORY CNS LESIONS

Kris Janssens ⁽¹⁾ - Helena Slaets ⁽¹⁾ - Jerome Ja Hendriks ⁽¹⁾ - Helga De Vries ⁽²⁾ - Bart Vanwijmeersch ⁽¹⁾ - Bert Eijnde ⁽¹⁾ - Chris Van Den Haute ⁽³⁾ - Veerle Baekelandt ⁽³⁾ - Piet Stinissen ⁽¹⁾ - **Niels Hellings** ⁽¹⁾

Biomedical Research Institute, Hasselt University, Diepenbeek, Belgium ⁽¹⁾ - Vu Medical Center, Vu Amsterdam, Amsterdam, Netherlands ⁽²⁾ - Laboratory Of Neurobiology And Gene Therapy, Kuleuven, Leuven, Belgium ⁽³⁾

319 - EXPRESSIONAL REGULATION OF Na⁺, K⁺-ATPASES IN THE MOUSE BRAIN AND THE ASSOCIATION TO NEUROLOGICAL DISORDERS

Thomas H Holm ⁽¹⁾ - Karin Lykke-hartmann ⁽¹⁾

Department Of Biomedicine, University, Århus, Denmark ⁽¹⁾

68 - CHANGES AND FUNCTIONS OF CHONDROITIN SULFATE PROTEOGLYCANS FOLLOWING FOCAL DEMYELINATION AND REMYELINATION

Michael Keough ⁽¹⁾ - Lorraine Lau ⁽¹⁾ - Laura Craig ⁽¹⁾ - Axinia Doering ⁽¹⁾ - V. Wee Yong ⁽¹⁾

Hotchkiss Brain Institute, University Of Calgary, Calgary, Canada ⁽¹⁾

81 - INTERLEUKIN-1 BETA: A DRIVER OF THE LESION FORMATION IN NEUROMYELITIS OPTICA?

Maja Kitic ⁽¹⁾ - Sonja Hochmeister ⁽²⁾ - Maria Pohl ⁽¹⁾ - Isabella Wimmer ⁽¹⁾ - Jan Bauer ⁽¹⁾ - Tatsuro Misu ⁽³⁾ - Simone Mader ⁽⁴⁾ - Markus Reindl ⁽⁴⁾ - Kazuo Fujihara ⁽³⁾ - Hans Lassmann ⁽¹⁾ - Monika Bradl ⁽¹⁾

Department Of Neuroimmunology, Center For Brain Research, Medical University Of Vienna, Vienna, Austria ⁽¹⁾ - Department Of Neurology, Medical University Of Graz, Graz, Austria ⁽²⁾ - Departments Of Neurology And Multiple Sclerosis Therapeutics, Tohoku University Graduate School Of Medicine, Sendai, Japan ⁽³⁾ - Clinical Department Of Neurology, Innsbruck Medical University, Innsbruck, Austria ⁽⁴⁾

258 - CEREBROSPINAL FLUID CYTOKINE LEVELS IN NARCOLEPSY WITH CATAPLEXY PATIENTS CLOSE TO ONSET

Birgitte R Kornum ⁽¹⁾ - Ofir Goldenberger ⁽²⁾ - Poul Jennum ⁽¹⁾ - Emmanuel Mignot ⁽³⁾

Danish Center For Sleep Medicine, Glostrup Hospital, Glostrup, Denmark ⁽¹⁾ - Department Of Microbiology And Immunology, Stanford University, Palo Alto, United States ⁽²⁾ - Center For Sleep Sciences, Department Of Psychiatry, Stanford University, Palo Alto, United States ⁽³⁾

520 - ROLE OF MICROGLIAL/MACROPHAGE IKKBETA IN EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS

Vasiliki Kyrargyri ⁽¹⁾ - Mary Emmanouil ⁽¹⁾ - Maria Evangelidou ⁽¹⁾ - Maria Karamita ⁽¹⁾ - Lesley Probert ⁽¹⁾

Laboratory Of Molecular Genetics, Hellenic Pasteur Institute, Athens, Greece ⁽¹⁾

294 - THE INFLUENCE OF INTERLEUKIN-22 RECEPTOR ALPHA 2 ON EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS

Hannes Laaksonen ⁽¹⁾ - André Ortlieb Guerreiro Cacaïs ⁽¹⁾ - Magdalena Linden ⁽¹⁾ - Sahl Khalid Bedri ⁽¹⁾ - Maja Jagodic ⁽¹⁾ - Ingrid Skelton Kockum

⁽¹⁾ - Tomas Olsson ⁽¹⁾

Department Of Clinical Neuroscience, Karolinska Institutet, Stockholm, Sweden ⁽¹⁾



11th International Congress of Neuroimmunology



SCIENTIFIC PROGRAM

Wednesday, November 7th, 2012

78 - DYNAMICS AND ROLES OF MONOCYTOID CELLS IN AN ANIMAL MODEL OF MS

Manoj Mishra ⁽¹⁾ - Claudia Silva ⁽¹⁾ - V. Wee Yong ⁽¹⁾

Hotchkiss Brain Institute, University Of Calgary, Calgary, Canada ⁽¹⁾

71 - THE ROLE OF CHEMOKINE RECEPTORS CCR6/CCR4 IN THE PATHOGENESIS OF EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS

Katsuichi Miyamoto ⁽¹⁾ - Kota Moriguchi ⁽²⁾ - Noriko Tanaka ⁽¹⁾ - Susumu Kusunoki ⁽¹⁾

Department Of Neurology, Kinki University School Of Medicine, Osaka-sayama, Japan ⁽¹⁾ - Department Of Internal Medicine 3, National Defense Medical College, Tokorozawa, Japan ⁽²⁾

408 - ACUTE MECHANISMS UNDERLYING ANTIBODY EFFECTS IN ANTI-NMDA RECEPTOR ENCEPHALITIS

Emilia Moscato ⁽¹⁾ - Xiaoyu Peng ⁽¹⁾ - Thomas Parsons ⁽²⁾ - Josep Dalmau ⁽³⁾ - Rita Balice-gordon ⁽¹⁾

University Of Pennsylvania, University Of Pennsylvania, Philadelphia, United States ⁽¹⁾ - University Of Pennsylvania, University Of Pennsylvania, Philadelphia, United States ⁽²⁾ - University Of Barcelona, University Of Barcelona, Barcelona, Spain ⁽³⁾

509 - FETAL MICROCHIMERISM AND THE RESPONSE TO ISCHEMIC INJURY IN THE MATERNAL MOUSE BRAIN

Rodney Ritzel ⁽¹⁾ - **Anita Patel** ⁽¹⁾ - Louise Mccullough ⁽¹⁾

Department Of Neuroscience, University Of Connecticut Health Center, Farmington, Ct, United States ⁽¹⁾

151 - DOPAMINE RECEPTOR D5 EXPRESSED ON DENDRITIC CELLS PROMOTES CD4+ T-CELL-MEDIATED AUTOIMMUNITY

Carolina Prado ⁽¹⁾ - Francisco Contreras ⁽¹⁾ - Hugo Gonzalez ⁽¹⁾ - Rodrigo Pacheco ⁽²⁾

Fundación Ciencia & Vida, Universidad Andrés Bello, Santiago, Chile ⁽¹⁾ - Fundación Ciencia & Vida, ., Santiago, Chile ⁽²⁾

376 - PRECONDITIONING OF MICROGLIA WITH PARKINSON-LINKED ALPHA-SYNUCLEIN AFFECTS THE RESPONSE INDUCED BY TOLL-LIKE RECEPTOR (TLR) STIMULATION

Cintia Roodveldt ⁽¹⁾ - Adahir Labrador-garrido ⁽¹⁾ - Elena Gonzalez-rey ⁽²⁾ - Christian C. Lachaud ⁽³⁾ - Tim Guilliams ⁽⁴⁾ - Rafael Fernandez-montesinos ⁽¹⁾ - Abdelkrim Hmadcha ⁽³⁾ - Mario Delgado ⁽²⁾ - Christopher M. Dobson ⁽⁵⁾ - David Pozo ⁽⁶⁾

Cabimer-andalusian Center For Molecular Biology And Regenerative Medicine (csic, University Of Seville, Upo, Consejería De Salud De Andalucía), Department Of Medical Biochemistry, Molecular Biology And Immunology, School Of Medicine. University Of Seville, Seville, Spain ⁽¹⁾ - Csic (spanish National Research Council), Institute Of Parasitology And Biomedicine 'lopez-neyra', Granada, Spain ⁽²⁾ - Cabimer-andalusian Center For Molecular Biology And Regenerative Medicine (csic, University Of Seville, Upo, Consejería De Salud De Andalucía), Cabimer, Seville, Spain ⁽³⁾ - University Of Cambridge, Department Of Chemistry, Cambridge, United Kingdom ⁽⁴⁾ - University Of Cambridge, Department Of Chemistry, Cambridge, United Kingdom ⁽⁵⁾ - Cabimer-andalusian Center For Molecular Biology And Regenerative Medicine (csic, University Of Seville, Upo, Consejería De Salud De Andalucía), Department Of Medical Biochemistry, Molecular Biology And Immunology, School Of Medicine. University Of Seville, Seville, Spain ⁽⁶⁾

441 - NOVEL DOMINANT AND SUBDOMINANT T CELL EPITOPES OF THE CNS AUTOANTIGEN, MYELIN OLIGODENDROCYTE GLYCOPROTEIN, IN MICE AND MS PATIENTS

Aparna Shetty ⁽¹⁾ - Sheena Gupta ⁽¹⁾ - Michel Varrin-doyer ⁽¹⁾ - Martin Weber ⁽²⁾ - Niannian Ji ⁽³⁾ - Nicolas Molnarfi ⁽⁴⁾ - Patsi Nelson ⁽¹⁾ - Sharon Sagan ⁽¹⁾ - Thomas Forstuber ⁽³⁾ - Claude Bernard ⁽⁵⁾ - Anthony Slavin ⁽⁶⁾ - Rymond Sobel ⁽⁷⁾ - Scott Zamvil ⁽¹⁾

Ucsf, Ucsf, San Francisco, United States ⁽¹⁾ - Technical University Munich, Technical University Munich, Munich, Germany ⁽²⁾ - University Of Texas, San Antonio, University Of Texas, San Antonio, San Antonio, United States ⁽³⁾ - University Of Geneva, University Of Geneva, Geneva, Switzerland ⁽⁴⁾ - Immunology And Stem Cell Laboratories, Monash University, Melbourne, Australia ⁽⁵⁾ - Boehringer Ingellheim, Boehringer Ingellheim, Ridgefield, United States ⁽⁶⁾ - Stanford University, Stanford University, Palo Alto, United States ⁽⁷⁾

366 - MICROGLIA/MACROPHAGE POLARIZATION TO M2 PHENOTYPE IS INFLUENCED BY CD200R EXPRESSION IN THE DEVELOPING C57BL/6 MICE BRAIN FOLLOWING HYPOXIA/ISCHEMIA

Kalpna Shrivastava ⁽¹⁾ - Mariela Chertoff ⁽¹⁾ - Gemma Llovera ⁽¹⁾ - Lydia Gimenez-Ilort ⁽²⁾ - Berta Gonzalez ⁽¹⁾ - Laia Acarin ⁽¹⁾

Institute Of Neurosciences, Medical Histology, Universitat Autònoma Barcelona, Barcelona, Spain ⁽¹⁾ - Institute Of Neurosciences, Universitat Autònoma Barcelona, Barcelona, Spain ⁽²⁾

259 - IRF8 REGULATES THE MICROGLIAL RESPONSE TO NEURONAL INJURY

Rui Dan Xie ⁽¹⁾ - Nadia Villacampa ⁽²⁾ - Carsten Minten ⁽¹⁾ - Rachael Terry ⁽³⁾ - Nicholas J. C. King ⁽³⁾ - Beatriz Almolda ⁽²⁾ - Berta González ⁽²⁾ - Bernardo Castellano ⁽²⁾ - Iain L. Campbell ⁽¹⁾

School Of Molecular Bioscience & Bosch Institute, University Of Sydney, Sydney, Australia ⁽¹⁾ - Medical Histology, Institut De Neurociències, Universitat Autònoma De Barcelona, Barcelona, Spain ⁽²⁾ - Discipline Of Pathology & Bosch Institute, University Of Sydney, Sydney, Australia ⁽³⁾



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Wednesday, November 7th, 2012

PS 18: Neurodegeneration16:30 - 17:30 Poster & Coffee Break (Staffordshire and St. George)

328 - CCL17 DEFICIENCY PROMOTES BENEFICIAL NEUROINFLAMMATORY RESPONSES AND PROTECTS FROM COGNITIVE DECLINE IN A MOUSE MODEL OF ALZHEIMER'S DISEASE

Kim Neitzert ⁽¹⁾ - Önder Albayram ⁽¹⁾ - Ramona Göhrs ⁽¹⁾ - Christina Müller ⁽¹⁾ - Ilker Karaca ⁽²⁾ - Sathish Kumar ⁽²⁾ - Mira Cron ⁽³⁾ - Jochen Walter ⁽²⁾ - Irmgard Förster ⁽⁴⁾ - Andras Bilkei-gorzo ⁽¹⁾ - Wolfgang Maier ⁽⁵⁾ - Andreas Zimmer ⁽¹⁾ - **Judith Alferink** ⁽⁶⁾

Institute Of Molecular Psychiatry, University Of Bonn, Bonn, Germany ⁽¹⁾ - Department Of Neurology, Laboratory Of Molecular Cell Biology, University Of Bonn, Bonn, Germany ⁽²⁾ - Institute Of Molecular Psychiatry And Department Of Dermatology, University Of Bonn, Bonn, Germany ⁽³⁾ - Immunology And Environment, Life & Medical Sciences (limes) Institute, University Of Bonn, Bonn, Germany ⁽⁴⁾ - Department Of Psychiatry, University Of Bonn, Bonn, Germany ⁽⁵⁾ - Institute Of Molecular Psychiatry And Department Of Psychiatry, University Of Bonn, Bonn, Germany ⁽⁶⁾

461 - CHARACTERISTIC FEATURES OF INFLAMMATORY DEMYELINATION AND NEURODEGENERATION IN NEUROMYELITIS OPTICA SPECTRUM DISORDER

Musashi Arakawa ⁽¹⁾ - Yasuko Toyoshima ⁽²⁾ - Etsuji Saji ⁽¹⁾ - Kaori Yanagawa ⁽¹⁾ - Akiko Yokoseki ⁽¹⁾ - Akiyoshi Kakita ⁽²⁾ - Hitoshi Takahashi ⁽²⁾ - Masatoyo Nishizawa ⁽¹⁾ - Izumi Kawachi ⁽¹⁾

Department Of Neurology, Brain Research Institute, Niigata University, Niigata, Japan ⁽¹⁾ - Department Of Pathology, Brain Research Institute, Niigata University, Niigata, Japan ⁽²⁾

357 - THE MORPHOLOGY OF MICROGLIA IS ALTERED IN AGING AND IN A MOUSE MODEL OF ALZHEIMER'S DISEASE

Rona Baron ⁽¹⁾ - Alon Monsonego ⁽²⁾

Ben-gurion University Of The Negev, University, Beer-sheva, Israel ⁽¹⁾ - The Shraga Segal Department Of Microbiology And Immunology, Faculty Of Health Sciences, And The National Institute Of Biotechnology In The Negev, University, Beer Sheva, Israel ⁽²⁾

244 - IMMUNE PRIMING OF MICROGLIA IN A DNA REPAIR DEFICIENT MODEL OF ACCELERATED AGING

Divia Raj ⁽¹⁾

Department Of Neuroscience, University Of Groningen, University Medical Center Groningen, Groningen, Netherlands ⁽¹⁾

281 - ASTROCYTES TRIGGER NEURODEGENERATION THROUGH NITRIC OXIDE RELEASE AFTER TrkB ENGAGEMENT: IMPLICATIONS FOR MULTIPLE SCLEROSIS

Emanuela Colombo ⁽¹⁾ - Chiara Cordiglieri ⁽¹⁾ - Giorgia Melli ⁽²⁾ - Jia Newcombe ⁽³⁾ - Markus Krumbholz ⁽⁴⁾ - Luis F. Parada ⁽⁵⁾ - Enzo Medico ⁽⁶⁾ - Reinhard Hohlfeld ⁽⁴⁾ - Edgar Meinl ⁽⁴⁾ - Cinthia Farina ⁽¹⁾

Institute Of Experimental Neurology (inspe), San Raffaele Scientific Institute, Milan, Italy ⁽¹⁾ - Unit Of Genetics Of Neurodegenerative And Metabolic Diseases, Foundation Irccs-neurological Institute Carlo Besta, Milan, Italy ⁽²⁾ - Neuroresource, Ucl Institute Of Neurology, London, United Kingdom ⁽³⁾ - Institute For Clinical Neuroimmunology, Ludwig-maximilians University, Munich, Germany ⁽⁴⁾ - Center For Developmental Biology, University Of Texas, Dallas, United States ⁽⁵⁾ - Institute For Cancer Research And Treatment, University Of Turin, Turin, Italy ⁽⁶⁾

495 - REGULATORY T CELLS MODULATE DISEASE PROGRESSION IN A MURINE MODEL OF ALZHEIMER'S DISEASE

Cecile Toly-ndour ⁽¹⁾ - Dylla Ait-ahmed ⁽¹⁾ - Saba Aid ⁽²⁾ - Cira Dansokho ⁽¹⁾ - Thomas Chaigneau ⁽¹⁾ - Martin Holzenberger ⁽²⁾ - Pierre Aucouturier ⁽¹⁾ - **Guillaume Dorothee** ⁽¹⁾

Upmc/inserm Umrs 938, "immune System And Conformational Diseases", Hopital Saint-antoine, Paris, France ⁽¹⁾ - Upmc/inserm Umrs 938, "pathophysiology Of Igf-1 Signaling In Development, Aging And Regeneration", Hopital Saint-antoine, Paris, France ⁽²⁾

9 - BENEFICIAL EFFECTS OF FUMARATES IN AXON GROWTH AND REGENERATION: CROSSTALK OF IMMUNE AND DEGENERATIVE MECHANISMS

Gisa Ellrichmann ⁽¹⁾ - Christiane Reick ⁽²⁾ - Ralf Gold ⁽³⁾ - Robert Nitsch ⁽⁴⁾ - Carsten Saft ⁽³⁾ - Ralf A Linker ⁽⁵⁾ - Christina F Vogelaar ⁽⁴⁾

St. Josef Hospital, University Of Bochum, Bochum, Germany ⁽¹⁾ - International Graduate School Of Neuroscience, University Of Bochum, Bochum, Germany ⁽²⁾ - Department Of Neurology, St. Josef Hospital / University Of Bochum, Bochum, Germany ⁽³⁾ - Institute Of Microanatomy And Neurobiology, Johannes Gutenberg-university, Mainz, Germany ⁽⁴⁾ - Department Of Neurology, Friedrich-alexander-university, Erlangen, Germany ⁽⁵⁾



Wednesday, November 7th, 2012

158 - TNFR2-INDUCED SECRETION OF LIF IN ASTROCYTES PROMOTES OLIGODENDROCYTE DIFFERENTIATION

Roman Fischer ⁽¹⁾ - Olaf Maier ⁽¹⁾ - Harald Wajant ⁽²⁾ - Peter Scheurich ⁽¹⁾ - Klaus Pfizenmaier ⁽¹⁾

Institute Of Cell Biology And Immunology, University Stuttgart, Stuttgart, Germany ⁽¹⁾ - Division Of Molecular Internal Medicine, Department Of Internal Medicine II, University Hospital Würzburg, Würzburg, Germany ⁽²⁾

61 - HIGH LEVELS OF INTERLEUKIN-17 IN THE CEREBROSPINAL FLUID OF PATIENTS WITH CREUTZFELDT-JAKOB DISEASE

Koji Fujita ⁽¹⁾ - Naoko Matsui ⁽¹⁾ - Yukitoshi Takahashi ⁽²⁾ - Yasushi Iwasaki ⁽³⁾ - Tatsuhiko Yuasa ⁽⁴⁾ - Yuishin Izumi ⁽¹⁾ - Ryuji Kaji ⁽¹⁾

Department Of Clinical Neuroscience, The University Of Tokushima Graduate School, Tokushima, Japan ⁽¹⁾ - National Epilepsy Center, Shizuoka Institute Of Epilepsy And Neurological Disorders, Shizuoka, Japan ⁽²⁾ - Department Of Neuropathology, Institute For Medical Science Of Aging, Aichi Medical University, Nagakute, Japan ⁽³⁾ - Department Of Neurology, Kamagaya-chiba Medical Center For Intractable Neurological Disease, Kamagaya General Hospital, Kamagaya, Japan ⁽⁴⁾

523 - STUDY OF THE EFFECT OF NEURONAL IKK β UPON THE EXPRESSION OF INFLAMMATORY, MYELIN AND NEURONAL GENES DURING CUPRIZONE-INDUCED CNS DEMYELINATION.

Maria Karamita ⁽¹⁾ - Sotiris-spyros Vamvakas ⁽¹⁾ - Hans Lassmann ⁽²⁾ - Lesley Probert ⁽¹⁾

Laboratory Of Molecular Genetics, Hellenic Pasteur Institute, Athens, Greece ⁽¹⁾ - Center For Brain Research, Division Of Neuroimmunology, Medical University Of Vienna, Vienna, Austria ⁽²⁾

178 - IMMUNE RESPONSES IN RAPID DEMENTIA - A COMPARATIVE STUDY ON NEUROINFLAMMATORY MARKERS IN CJD, AD, RPAD AND MS PATIENTS

Katharina Stoeck ⁽¹⁾ - Matthias Schmitz ⁽¹⁾ - Christian Schmidt ⁽¹⁾ - Inga Zerr ⁽¹⁾

Department Of Neurology, University Hospital Göttingen, Göttingen, Ger ⁽¹⁾

284 - TELOMERE DYSFUNCTION LEADS TO CHANGES IN MICROGLIAL NUMBERS AND MORPHOLOGY IN A MOUSE MODEL OF PREMATURE AGING

Asif Manzoor Khan ⁽¹⁾ - Alicia A Babcock ⁽¹⁾ - Hamid Saeed ⁽²⁾ - Moustapha Kassem ⁽²⁾ - Bente Finsen ⁽¹⁾

Neurobiology Research, Institute Of Molecular Medicine, University Of Southern Denmark, Odense, Denmark ⁽¹⁾ - Department Of Endocrinology And Metabolism, Odense University Hospital & University Of Southern Denmark, Odense, Denmark ⁽²⁾

89 - OVERCOMING CHONDROITIN SULFATE PROTEOGLYCAN INHIBITION OF OLIGODENDROCYTE-LINEAGE CELLS AND REMYELINATION

Lorraine W Lau ⁽¹⁾ - Michael B Keough ⁽²⁾ - V Wee Yong ⁽²⁾

Hotchkiss Brain Institute And The Department Of Clinical Neurosciences, University Of Calgary, Calgary, Canada ⁽¹⁾ - Hotchkiss Brain Institute And The Department Of Clinical Neurosciences, University Of Calgary, Calgary, Canada ⁽²⁾

125 - THE NEUROPROTECTIVE ROLE OF MICROGLIA TREATED WITH MILK FAT GLOBULE-EGF FACTOR 8

Tetsuya Mizuno ⁽¹⁾ - Mariko Noda ⁽¹⁾ - Endong Li ⁽¹⁾ - Yukiko Doi ⁽¹⁾ - Bijay Parajuli ⁽¹⁾ - Jun Kawanokuchi ⁽¹⁾ - Yoshifumi Sonobe ⁽²⁾ - Hideyuki Takeuchi ⁽¹⁾ - Akio Suzumura ⁽¹⁾

Department Of Neuroimmunology, Research Institute Of Environmental Medicine, Nagoya University, Nagoya, Japan ⁽¹⁾ - Department Of Neuroimmunology, Research Institute Of Environmental Medicine, Nagoya University, Nagoya, - ⁽²⁾

77 - DIMETHYL FUMARATE PROTECTS THE CENTRAL NERVOUS SYSTEM AGAINST EXCITOTOXICITY

Haiyan Peng ⁽¹⁾

The Ohio State University, The Ohio State University, Columbus, United States ⁽¹⁾

313 - NEUROPROTECTIVE EFFECT OF SILYMARIN IN A MOUSE MODEL OF PARKINSON'S DISEASE.

Jose De Jesus Perez-h ⁽¹⁾ - Carlos Carrillo-salgado ⁽¹⁾ - Esperanza Garcia ⁽²⁾ - Gabriela Ruiz-mar ⁽¹⁾ - **Espiridion Ramos** ⁽¹⁾ - Ruy Perez-tamayo ⁽¹⁾ - Anahi Chavarria ⁽¹⁾

Medicina Experimental, Facultad De Medicina, Universidad Nacional Autonoma De Mexico, Mexico City, Mexico ⁽¹⁾ - Laboratorio De Neuroinmunología, Instituto Nacional De Neurología Y Neurocirugía Ssa, Mexico City, Mexico ⁽²⁾





SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Wednesday, November 7th, 2012

302 - PHOSPHORYLATION OF PPAR-GAMMA IN ALS

Elisabet Reyes-irisarri ⁽¹⁾ - Francesco Santarelli ⁽²⁾ - Michael T Heneka ⁽¹⁾

Clinic And Policlinic For Neurology, Uniklinik Bonn (ukb)/university Of Bonn, Bonn, Germany ⁽¹⁾ - German Centre For Neurodegenerative Diseases (dzne), University Of Bonn, Bonn, Germany ⁽²⁾

8 - A-SYNUCLEIN VACCINATION PREVENTS PATHOLOGICAL INCLUSIONS ACCUMULATION IN STRIATUM VIA TREG RECRUITMENT

Vanesa Sanchez-guajardo ⁽¹⁾

Department Of Biomedicine, Institute Of Health Science, Aarhus University, Aarhus, Denmark ⁽¹⁾

103 - BRAIN MARKERS OF NEURODEGENERATION IN SEPSIS SURVIVOR RATS

Francieli Silva Vuolo ⁽¹⁾ - Matheus Pasquali ⁽²⁾ - Samantha Pereira Miguel ⁽³⁾ - Daniel Pens Gelain ⁽²⁾ - Fabricia Petronilho ⁽³⁾ - João Quevedo ⁽¹⁾ - José Cláudio Fonseca Moreira ⁽⁴⁾ - Felipe Dal Pizzol ⁽¹⁾

Unesc, University Of The Extreme-south Catarinense, Criciúma, Brazil ⁽¹⁾ - Ufrgs, University Of The Rio Grande Do Sul, Porto Alegre, Brazil ⁽²⁾ - Unisul, University Of Southern Santa Catarina, Tubarão, Brazil ⁽³⁾ - Ufrgs, University Of The Rio Grande Do Sul, Porto Alegre, Brazil ⁽⁴⁾

79 - THE PARK18 SNP IS ASSOCIATED WITH ALTERED EXPRESSION AND REGULATION OF MAJOR HISTOCOMPATIBILITY COMPLEX II GENES IN PARKINSON'S DISEASE PATIENTS

George Kannarkat ⁽¹⁾ - Nancy Choi ⁽¹⁾ - Jae-kyung Lee ⁽¹⁾ - Jeremy Boss ⁽¹⁾ - **Malu Tansey** ⁽¹⁾

Emory University, School Of Medicine, Atlanta, United States ⁽¹⁾

291 - NEURONAL SPECIFIC T CELLS ARE PATHOGENIC IN BIOZZI MICE - IMPLICATIONS FOR MS

Baukje Van Der Star ⁽¹⁾ - Fabiola Puentes ⁽²⁾ - Wouter Gerritsen ⁽¹⁾ - Ruth Huizinga ⁽³⁾ - Arie Reijerkerk ⁽¹⁾ - Paul Van Der Valk ⁽¹⁾ - David Baker ⁽²⁾ - Sandra Amor ⁽¹⁾

Vu Medical Center, Vu Medical Center, Amsterdam, Netherlands ⁽¹⁾ - Blizzard Institute, Barts And The London School Of Medicine And Dentistry, Queen Mary University Of London, London, United Kingdom ⁽²⁾ - Erasmus Mc, University Medical Center Rotterdam, Rotterdam, Netherlands ⁽³⁾

285 - AAV2/1-MEDIATED HIPPOCAMPAL GENE DELIVERY OF NEURONAL ANTI-INFLAMMATORY MOLECULE CD200 ENHANCES NEUROGENESIS AND AMYLOID CLEARANCE IN ALZHEIMER'S DISEASE MOUSE MODEL

Megan M Varnum ⁽¹⁾ - Tomomi Kiyota ⁽²⁾ - Kaitlin Ingraham ⁽¹⁾ - Seiko Ikezu ⁽¹⁾ - Tsuneya Ikezu ⁽³⁾

Department Of Pharmacology And Experimental Therapeutics, Boston University School Of Medicine, Boston, United States ⁽¹⁾ - Department Of Pharmacology And Experimental Neuroscience, University Of Nebraska Medical Center, Omaha, United States ⁽²⁾ - Department Of Pharmacology And Experimental Therapeutics, Department Of Neurology, Boston University School Of Medicine, Boston, United States ⁽³⁾

94 - REDUCING ALZHEIMER'S DISEASE β -AMYLOID PATHOLOGY BY MANIPULATING IL-12/IL-23 SIGNALING

Johannes Vom Berg ⁽¹⁾

Experimental Immunology, University Of Zurich, Zurich, Switzerland ⁽¹⁾

PS 19: Stem cells16:30 - 17:30 Poster & Coffee Break (Staffordshire and St. George)

392 - CAN MSCS USE THE CHOLINERGIC SYSTEM TO CARRY OUT THEIR IMMUNOMODULATORY FUNCTIONS?

Simona Casazza ⁽¹⁾ - Claudia Kusmic ⁽²⁾ - Michela Massollo ⁽³⁾ - Kevin Tracey ⁽⁴⁾ - Giammario Sambuceti ⁽³⁾ - Antonio Uccelli ⁽⁵⁾

Department Of Neuroscience, ophthalmology And Genetics, University Of Genoa, Genoa, Italy ⁽¹⁾ - Cnr Institute Of Clinical Physiology, Cnr, Pisa, Italy ⁽²⁾ - Department Of Nuclear Medicine, University Of Genoa, Genoa, Italy ⁽³⁾ - Feinstein Institute For Medical Research, Feinstein Institute For Medical Research, Manhasset, United States ⁽⁴⁾ - Department Of Neuroscience, Ophthalmology And Genetics, University Of Genoa, Genoa, Italy ⁽⁵⁾

527 - HERPES SIMPLEX VIRUS TYPE 1 ALTERS NEURONAL PRECURSOR DIFFERENTIATION FROM NEURAL STEM CELLS

Ana Chucair-elliott ⁽¹⁾ - Tom Lane ⁽²⁾ - Daniel Carr ⁽³⁾

Ouhsc, Dept Of Ophthalmology, Oklahoma City, United States ⁽¹⁾ - University Of California-irvine, Dept. Of Biochemistry And Molecular Biology, Irvine, United States ⁽²⁾ - Ouhsc, Dept. Of Ophthalmology, Oklahoma City, United States ⁽³⁾



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Wednesday, November 7th, 2012

138 - INTRATHECAL TRANSPLANTATION OF ADULT NEURAL STEM/PRECURSOR CELLS DAMPENS CNS-RESTRICTED INFLAMMATION OF EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS

Donatella De Feo ⁽¹⁾ - Cecilia Laterza ⁽¹⁾ - Arianna Merlini ⁽¹⁾ - Elena Brambilla ⁽²⁾ - Francesca Ruffini ⁽²⁾ - Giancarlo Comi ⁽³⁾ - Gianvito Martino ⁽¹⁾
Neuroimmunology Unit, Institute Of Experimental Neurology, San Raffaele Hospital And University Vita-salute San Raffaele, Milan, Italy ⁽¹⁾ -
Neuroimmunology Unit, Institute Of Experimental Neurology, San Raffaele Hospital, Milan, Italy ⁽²⁾ - Institute Of Experimental Neurology, San
Raffaele Hospital And University Vita-salute San Raffaele, Milan, Italy ⁽³⁾

186 - THREE CHEMOKINES, SDF1 α , MCP-1 AND HEPATOCYTE GROWTH FACTOR ATTRACT TRANSPLANTED NEURAL STEM CELLS DURING NEUROINFLAMMATION

Mikhal E. Cohen ⁽¹⁾ - **Nina Fainstein** ⁽¹⁾ - Iris Lavon ⁽²⁾ - Tamir Ben Hur ⁽¹⁾
Department Of Neurology, The Agnes Ginges Center For Human Neurogenetics, Hadassah – Hebrew University Medical Center, Jerusalem,
Israel ⁽¹⁾ - Leslie And Michael Gaffin Centre For Neuro-oncology, Hadassah – Hebrew University Medical Center, Jerusalem, Israel ⁽²⁾

185 - TIME ASSOCIATED DECLINE IN NEUROTROPHIC PROPERTIES OF NEURAL STEM CELL GRAFTS RENDER THEM DEPENDENT ON BRAIN REGION-SPECIFIC ENVIRONMENTAL SUPPORT

Nina Fainstein ⁽¹⁾ - Mikhal E. Cohen ⁽¹⁾ - Tamir Ben Hur ⁽¹⁾
Department Of Neurology, The Agnes Ginges Center For Human Neurogenetics, Hadassah – Hebrew University Medical Center, Jerusalem,
Israel ⁽¹⁾

184 - TIME LIMITED IMMUNOMODULATORY FUNCTIONS OF TRANSPLANTED NEURAL PRECURSOR CELLS

Nina Fainstein ⁽¹⁾ - Ofira Einstein ⁽¹⁾ - Mikhal E. Cohen ⁽¹⁾ - Livnat Brill ⁽¹⁾ - Iris Lavon ⁽²⁾ - Tamir Ben Hur ⁽¹⁾
Department Of Neurology, The Agnes Ginges Center For Human Neurogenetics, Hadassah – Hebrew University Medical Center, Jerusalem,
Israel ⁽¹⁾ - Leslie And Michael Gaffin Centre For Neuro-oncology, Hadassah – Hebrew University Medical Center, Jerusalem, Israel ⁽²⁾

206 - THE INFLAMMATORY FINGERPRINT OF NEURAL STEM CELLS

Tommaso Leonardi ⁽¹⁾ - Chiara Cossetti ⁽¹⁾ - Nunzio Iraci ⁽²⁾ - Tim Mercer ⁽³⁾ - John Mattick ⁽⁴⁾ - Stefano Pluchino ⁽¹⁾
University Of Cambridge, Brain Repair Centre, Cambridge, United Kingdom ⁽¹⁾ - University Of Cambridge, Brain Repair Centre, Cambridge, - ⁽²⁾ -
Institute For Molecular Bioscience, University Of Queensland, Brisbane, Australia ⁽³⁾ - The Garvan Institute, Garvan Institute, Sydney, Australia ⁽⁴⁾

365 - COMPARATIVE STUDY ON HUMAN MESENCHYMAL CELLS TREATMENT IN A MURINE MODEL OF MULTIPLE SCLEROSIS

Laura Román Vega ⁽¹⁾ - Antonio José Sánchez ⁽¹⁾ - Lucía Campos ⁽¹⁾ - Elvira Ramil ⁽¹⁾ - Rodrigo Fernández-periáñez ⁽²⁾ - Juan Antonio García Merino ⁽¹⁾
Neuroimmunology Unit, Puerta De Hierro University Hospital, Majadahonda - Madrid, Spain ⁽¹⁾ - Molecular Immunology Unit, Puerta De
Hierro University Hospital, Majadahonda - Madrid, Spain ⁽²⁾

157 - β 2-MICROGLOBULIN REGULATES THE AGE-RELATED DECLINE IN ADULT NEUROGENESIS AND COGNITIVE FUNCTION

Saul Villeda ⁽¹⁾ - Jeong-soo Park ⁽²⁾ - Ying-bo He ⁽²⁾ - Rafael Wabl ⁽²⁾ - Gregor Bieri ⁽²⁾ - Jian Luo ⁽²⁾ - Jaqueline Grant ⁽²⁾ - Tony Wyss-coray ⁽²⁾
Eli And Edythe Broad Center Of Regeneration Medicine And Stem Cell Research, University Of California San Francisco (ucsf), San Francisco,
United States ⁽¹⁾ - Department Of Neurology And Neurological Sciences, Stanford University, Stanford, United States ⁽²⁾

PS 20: T cells16:30 - 17:30 Poster & Coffee Break (Staffordshire and St. George)

501 - CHARACTERIZATION AND BEHAVIOR OF T REGULATORY CELLS IN HTLV-1 ASSOCIATED MYELOPATHY/ TROPICAL SPASTIC PARAPARESIS

Monique Anderson ⁽¹⁾ - Yoshimi Akahata ⁽¹⁾ - Raya Massoud ⁽¹⁾ - Dragan Maric ⁽²⁾ - Unsong Oh ⁽³⁾ - Matt McCormick ⁽¹⁾ - Steven Jacobson ⁽¹⁾
National Institute Of Neurological Disorders And Stroke, National Institutes Of Health, Bethesda, United States ⁽¹⁾ - National Institute Of
Neurological Disorders And Stroke, National Institutes Of Health, Bethesda, Md, United States ⁽²⁾ - Department Of Neurology, Virginia
Commonwealth University, Richmond, United States ⁽³⁾

102 - DEFINING THE T-CELL EFFECT OF THE MS ASSOCIATED SNP, rs6897932, ON IL7/IL7R α SIGNALING.

Laura Bergamaschi ⁽¹⁾ - Josh Beaver ⁽¹⁾ - Mark Skeen ⁽²⁾ - Motanari Kondo ⁽³⁾ - Simon Gregory ⁽¹⁾
Center For Human Genetics, Duke University Medical Center, Durham, Nc, United States ⁽¹⁾ - Department Of Medicine-neurology, Duke
University, Durham, Nc, United States ⁽²⁾ - Department Of Immunology, Toho University School Of Medicine, Tokyo, Japan ⁽³⁾





SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Wednesday, November 7th, 2012

35 - INTERLEUKIN-15 AMPLIFIES THE PATHOGENIC ACTIVITY OF CD4+CD28- T CELLS IN MULTIPLE SCLEROSIS PATIENTS

Bieke Broux ⁽¹⁾ - Bart Van Wijmeersch ⁽¹⁾ - Piet Stinissen ⁽¹⁾ - Niels Hellings ⁽¹⁾

Biomedical Research Institute, Hasselt University, Diepenbeek, Belgium ⁽¹⁾

282 - CD8+ EFFECTOR AND MEMORY T CELL SUBSETS IN RELAPSING-ONSET MULTIPLE SCLEROSIS

Raffaele Iorio ⁽¹⁾ - Domenico Plantone ⁽¹⁾ - Giovanni Frisullo ⁽¹⁾ - Alessandro Marti ⁽¹⁾ - Valentina Damato ⁽¹⁾ - Viviana Nociti ⁽²⁾ - Agata Katia Patanella ⁽²⁾ - Anna Paola Batocchi ⁽¹⁾

Department Of Neurosciences, Institute Of Neurology, Catholic University, Rome, Italy ⁽¹⁾ - Neurology, Don Carlo Gnocchi Foundation, Rome, Italy ⁽²⁾

134 - TERMISARTAN INHIBITS HUMAN Th17 DIFFERENTIATION.

Kiyokazu Kawabe ⁽¹⁾ - Osamu Kano ⁽¹⁾ - Ken Miura ⁽²⁾ - Yuichi Ishikawa ⁽¹⁾ - Takehisa Hirayama ⁽¹⁾ - Tetsuro Nagaoka ⁽³⁾ - Takanori Takazawa ⁽¹⁾ - Kiyoko Murata ⁽¹⁾ - Konosuke Iwamoto ⁽¹⁾ - Hirono Ito ⁽¹⁾ - Ken Ikeda ⁽¹⁾ - Yasuo Iwasaki ⁽⁴⁾

Department Of Neurology, Toho University Omori Medical Centre, Tokyo, Japan ⁽¹⁾ - Department Of Neurology, Toho University Medical Centre, Tokyo, Japan ⁽²⁾ - Departmen Of Neurology, Toho University Omori Medical Centre, Tokyo, Japan ⁽³⁾ - Department Of Neurology, Toho University Omori Medical Centre, Tokyo, Japan ⁽⁴⁾

497 - THE INHIBITORY EFFECT OF TIM-3 SIGNALING IN TH1 CELLS AND ACTIVATED CD8+ T CELLS IN EAE

Sarah Lee ⁽¹⁾ - Joan Goverman ⁽¹⁾

Department Of Immunology, University Of Washington, Seattle, United States ⁽¹⁾

169 - IMMUNE REGULATORY FUNCTIONS OF NEURONAL ADHESION MOLECULE AMIGO2 AND ITS ROLE IN IMMUNE DISEASES

Zhilin Li ⁽¹⁾ - Juha Kuja-panula ⁽¹⁾ - Heikki Rauvala ⁽¹⁾ - Li Tian ⁽¹⁾

Neuroscience Center, University Of Helsinki, Helsinki, Finland ⁽¹⁾

377 - RECOVERY OF THE T CELL REPERTOIRE IN CHRONIC INFLAMMATORY NEUROPATHIES DURING TREATMENT WITH INTRAVENOUS IMMUNOGLOBULINS

Anne K. Mausberg ⁽¹⁾ - Mareike Dorok ⁽¹⁾ - Mark Stettner ⁽¹⁾ - Matthias Müller ⁽²⁾ - Hans Peter Hartung ⁽¹⁾ - Thomas Dehmel ⁽¹⁾ - Clemens Warnke ⁽¹⁾ - Gerd Meyer Zu Hörste ⁽¹⁾ - Bernd C. Kieseier ⁽¹⁾

Department Of Neurology, Heinrich-heine-university, Duesseldorf, Germany ⁽¹⁾ - Faculty Of Mathematics And Computer Science, Friedrich-schiller-university, Jena, Germany ⁽²⁾

164 - POSTTRANSLATIONAL MODIFICATIONS OF MYELIN ANTIGENS AND THEIR ROLE IN MS PATHOLOGY

Patrick Merky ⁽¹⁾ - Mohsen Khademi ⁽¹⁾ - Sabrina Haag ⁽²⁾ - Tomas Olsson ⁽¹⁾

Karolinska Institute, Karolinska University Hospital, Dept. Of Clinical Neuroscience, Neuroimmunology Unit, Stockholm, Sweden ⁽¹⁾ - Karolinska Institute, Karolinska Institute, Dept. Of Molecular Biochemistry And Biophysics, Medical Inflammation Research, Stockholm, Sweden ⁽²⁾

242 - AUTOREACTIVE T CELL MATURATION PREVENTED IN CCL2-EXPRESSING THYMUS

Oriane Cédile ⁽¹⁾ - Morten Løbner ⁽²⁾ - Henrik Toft-hansen ⁽²⁾ - Trevor Owens ⁽²⁾

Institute Of Molecular Medicine, University Of Southern Denmark, Odens ⁽¹⁾ - Institute Of Molecular Medicine, University Of Southern Denmark, Odense, Denmark ⁽²⁾

500 - MAIT CELLS DISPLAY PROINFLAMMATORY CHARACTERISTICS IN MULTIPLE SCLEROSIS

Eleonora Piras ⁽¹⁾ - Viviana Annibali ⁽²⁾ - Rosella Mechelli ⁽³⁾ - Claudio Gasperini ⁽⁴⁾ - Serena Ruggieri ⁽⁴⁾ - Maria Grazia Grasso ⁽⁵⁾ - Diego Centonze ⁽⁶⁾ - Giovanni Ristori ⁽³⁾ - Marco Salvetti ⁽³⁾ - Giovanna Bolsellino ⁽¹⁾ - Olivier Lantz ⁽⁷⁾ - Luca Battistini ⁽¹⁾ - Daniela F. Angelini ⁽¹⁾

Neuroimmunology Unit, Santa Lucia Foundation, Rome, Italy ⁽¹⁾ - Neurology And Centre For Experimental Neurological Therapies (centers, S. Andrea Hospital, sapienza University, Rome, Italy ⁽²⁾ - Neurology And Centre For Experimental Neurological Therapies (centers), S. Andrea Hospital, sapienza University, Rome, Italy ⁽³⁾ - Department Of Neuroscience "Iancisi", San Camillo Hospital, Rome, Italy ⁽⁴⁾ - Multiple Sclerosis Centre, Santa Lucia Foundation, Rome, Italy ⁽⁵⁾ - Neurological Clinic, Neuroscience Dipartment, Tor Vergata University, Rome, Italy ⁽⁶⁾ - Laboratoire D'immunologie And Inserm U520, Institut Curie, Paris 75005, France ⁽⁷⁾



Wednesday, November 7th, 2012

462 - TH17-MEDIATED AUTOIMMUNITY INVOLVES SEPARATE PHASES OF INFLAMMATION DRIVEN BY DISTINCT POPULATIONS OF IL-17-PRODUCING T CELLS

Ben Raveney⁽¹⁾ - Shinji Oki⁽¹⁾ - Takashi Yamamura⁽¹⁾

National Institute Of Neuroscience, National Center Of Neurology And Psychiatry, Kodaira, Tokyo, Japan⁽¹⁾

271 - MULTIPARAMETRIC ANALYSIS OF Th17 AND TH22 CELLS DISCLOSES THEIR PHATOGENICITY IN HUMAN MULTIPLE SCLEROSIS

Simona Rolla⁽¹⁾ - Valentina Bardina⁽¹⁾ - Marinella Clerico⁽²⁾ - Luca Durelli⁽²⁾ - Francesco Novelli⁽¹⁾

Center For Experimental Research And Medical Studies, University Of Turin, Turin, Italy⁽¹⁾ - Division Of Neurology, San Luigi Gonzaga Hospital, Orbassano, Turin, Italy⁽²⁾

481 - TCR-MEDIATED CELL DEATH IS DIFFERENTIALLY REGULATED IN T HELPER 1 VERSUS T HELPER 17 CELLS

Gabriella Ruocco⁽¹⁾

Santa Lucia Foundation, Neuroimmunology Unit, Rome, Italy⁽¹⁾

66 - THE IDH1 MUTATION AS A POTENTIAL TARGET FOR IMMUNOTHERAPY OF MALIGNANT GLIOMA

Theresa Schumacher⁽¹⁾ - Felix Sahm⁽²⁾ - Stefan Pusch⁽²⁾ - Andreas Von Deimling⁽²⁾ - Wolfgang Wick⁽³⁾ - Michael Platten⁽⁴⁾

German Cancer Research Center (dkfz), Experimental Neuroimmunology Unit, Ruprecht-karls University, Heidelberg, Germany⁽¹⁾ - German Cancer Research Center (dkfz), Clinical Cooperation Unit Neuropathology, University Hospital Heidelberg, Department Of Neuropathology, Heidelberg, Germany⁽²⁾ - German Cancer Research Center (dkfz), Clinical Cooperation Unit Neurooncology, University Hospital Heidelberg, Department Of Neurooncology, Heidelberg, Germany⁽³⁾ - German Cancer Research Center (dkfz), Experimental Neuroimmunology Unit, University Hospital Heidelberg, Department Of Neurooncology, Heidelberg, Germany⁽⁴⁾

306 - IMMUNE-REGULATION OF CD39 ON REGULATORY T CELLS

Shafiuddin Siddiqui⁽¹⁾ - Andre Pires Cunha⁽¹⁾ - Howard L. Weiner⁽¹⁾

Brigham And Women's Hospital, Harvard University, Boston, United States⁽¹⁾

240 - DIFFERENTIAL EXPRESSION OF CHEMOKINE RECEPTORS AND T CELL LOCALIZATION IN THE CNS IN EAE

Jyothi Thyagabhavan Mony⁽¹⁾ - Reza M. Khorrooshi⁽¹⁾ - Trevor Owens⁽¹⁾

Institute Of Molecular Medicine, University Of Southern Denmark, Odense, Denmark⁽¹⁾

205 - T-CELL RESPONSES TO DISTINCT AQP4 PEPTIDES IN NEUROMYELITIS OPTICA (NMO)

Adi Vaknin-dembinsky⁽¹⁾ - Livnat Brill⁽¹⁾ - Ibrahim Kassis⁽¹⁾ - Panayiota Petrou⁽¹⁾ - Haim Ovadia⁽¹⁾ - Tamir Ben-hur⁽¹⁾ - Oded Abramsky⁽¹⁾ - Dimitrios Karussis⁽¹⁾

Hadassah University Hospital, Ein Kerem, Hadassah University Hospital, Ein Kerem, Jerusalem, Israel⁽¹⁾

201 - A DYNAMICS ANALYSIS OF ANTIGEN SPECIFIC T CELLS DURING BRAIN AUTOIMMUNITY SUPPORTS THE ROLE OF REGULATORY T CELLS IN DISEASE OUTCOME

Sara Martinez-pasamar⁽¹⁾ - Elena Abad⁽²⁾ - Beatriz Moreno⁽¹⁾ - Nieves Velez De Mendizabal⁽³⁾ - Ivan Martinez-forero⁽⁴⁾ - Jordi Garcia-ojalvo⁽⁵⁾ - **Pablo Villoslada**⁽¹⁾

Institute Of Biomedical Research August Pi Sunyer (idibaps), Hospital Clinic Of Barcelona, Barcelona, Spain⁽¹⁾ - Universitat Politecnica De Catalunya, Universitat Politecnica De Catalunya, Terrasa, Spain⁽²⁾ - Indiana University, Indiana University, Indianapolis, United States⁽³⁾ - Hospital Pablo Tobón Uribe, Hospital Pablo Tobón Uribe, Medellin, Colombia⁽⁴⁾ - Universitat Politecnica De Ctaalunya, Universitat Politecnica De Catalunya, Terrasa, Spain⁽⁵⁾

175 - CHARACTERIZING IL-17-PRODUCING CD8+ T CELLS IN MULTIPLE SCLEROSIS

Anne Willing⁽¹⁾ - Karin Steinbach⁽¹⁾ - Friederike Ufer⁽¹⁾ - Manuel A. Frieze⁽¹⁾

Forschergruppe Neuroimmunologie, Zentrum Für Molekulare Neurobiologie, Universitätsklinikum Hamburg-ependorf, 20251 Hamburg, Germany⁽¹⁾

469 - CYTOKINE LEVELS IN PERIPHERAL CELL CULTURE WITHOUT B CELL IN MYASTHENIA GRAVIS PATIENTS

Vuslat Yilmaz⁽¹⁾ - Piraye Oflazer⁽²⁾ - Fikret Aysal⁽³⁾ - Yesim G. Parman⁽²⁾ - Feza Deymeer⁽²⁾ - Guher Saruhan-direskeneli⁽¹⁾

Department Of Physiology, I.u. Istanbul Medical Faculty, Istanbul, Turkey⁽¹⁾ - Department Of Neurology, I.u. Istanbul Medical Faculty, Istanbul, Turkey⁽²⁾ - Department Of Neurology, Bakirkoy Research And Training Hospital For Psychiatric And Neurological Diseases, Istanbul, Turkey⁽³⁾





SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Wednesday, November 7th, 2012

PS 21: Therapies17:45 - 18:00 Poster & Coffee Breaks (Staffordshire and St. George)

56 - GLATIRAMER ACETATE PROMOTES MYELIN DEVELOPMENT IN THE SPINAL CORD OF NEW BORN MICE

Rina Aharoni ⁽¹⁾ - Renana From ⁽¹⁾ - Raya Eilam ⁽²⁾ - Patrizia Lopresti ⁽³⁾ - Michael Sela ⁽¹⁾ - Ruth Arnon ⁽¹⁾

The Department Of Immunology, The Weizmann Institute Of Science, Rehovot, Israel ⁽¹⁾ - The Department Of Veterinary Resources, The Weizmann Institute Of Science, Rehovot, Israel ⁽²⁾ - Department Of Physiology And Biophysics, University Of Illinois At Chicago, Chicago, United States ⁽³⁾

343 - TARGETING OF PERIPHERAL MONOCYTES BY NASAL PROTEASOME BASED VACCINE, TO INDUCE AMYLOID BETA CLEARANCE IN AN ANIMAL MODEL OF ALZHEIMER'S DISEASE.

Ron Cialic ⁽¹⁾ - Oleg Butovsky ⁽¹⁾ - Howard Weiner ⁽¹⁾

Brigham And Women's Hospital, Harvard Medical School, Boston, United States ⁽¹⁾

114 - LOW IMMUNOGENICITY BUT REDUCED BIOAVAILABILITY OF AN INTERFERON BETA-1A BIOSIMILAR: RESULTS OF MATRIX, A CROSS-SECTIONAL, MULTICENTER PHASE 4 STUDY

Florian Deisenhammer ⁽¹⁾ - Carlos Cuevas ⁽²⁾ - Xiaojun You ⁽³⁾ - Mariano Scolnik ⁽³⁾ - Regine Buffels ⁽⁴⁾ - Bjørn Sperling ⁽³⁾

Department Of Neurology, Innsbruck Medical University, Innsbruck, Austria ⁽¹⁾ - Hospital De Especialidades, Centro Medico Nacional Siglo Xxi, Instituto Mexicano Del Seguro Social, Mexico City, Mexico ⁽²⁾ - Biogen Idec Inc., Weston, Ma, United States ⁽³⁾ - Biogen Idec Inc. (former Employee), Weston, Ma, United States ⁽⁴⁾

440 - TREGITOPE PEPTIDES ENHANCE REGULATORY T CELL DEVELOPMENT AND ATTENUATE THE AUTOIMMUNE RESPONSES IN A MURINE MODEL OF MULTIPLE SCLEROSIS

Wassim Elyaman ⁽¹⁾ - Ribal Bassil ⁽¹⁾ - Timothy Messit ⁽²⁾ - Elizabeth McClaine ⁽²⁾ - Leslie Cousens ⁽²⁾ - Anne De Groot ⁽²⁾ - Samia Khoury ⁽¹⁾

Brigham And Women's Hospital, Harvard Medical School, Boston, United States ⁽¹⁾ - Epivax, Inc., Providence, United States ⁽²⁾

522 - A GENE PANEL FOR SCREENING CNS PATHOLOGIES DURING MOG35-55 -EAE IN MICE FOR USE IN MONITORING THE EFFECTIVENESS OF NOVEL MS THERAPIES

Maria Evangelidou ⁽¹⁾ - Sotiris-Spyros Vamvakas ⁽¹⁾ - Maria Karamita ⁽¹⁾ - Lesley Probert ⁽¹⁾

Laboratory Of Molecular Genetics, Hellenic Pasteur Institute, Athens, Greece ⁽¹⁾

342 - IMPROVING EFFICACY OF ANTIGEN-SPECIFIC THERAPEUTIC AGENTS IN AN ANIMAL MODEL OF MULTIPLE SCLEROSIS

Judith Greer ⁽¹⁾ - Nancy Moxey ⁽¹⁾ - Wissam Beaino ⁽²⁾ - Elisabeth Trifilieff ⁽²⁾

The University Of Queensland, Uq Centre For Clinical Research, Royal Brisbane & Women's Hospital, Brisbane, Australia ⁽¹⁾ - Institut De Physique Biologique, Université De Strasbourg, Strasbourg, France ⁽²⁾

80 - EFFICACY OF LOW DOSE, SINGLE ADMINISTRATION OF TACROLIMUS FOR OCULAR MYASTHENIA GRAVIS, A RETROSPECTIVE STUDY OF 8 CASES.

Keiichi Himuro ⁽¹⁾ - Naoki Kawaguchi ⁽¹⁾ - Yuko Nemoto ⁽¹⁾ - Tetsuya Kanai ⁽¹⁾ - Satoshi Kuwabara ⁽¹⁾

Department Of Neurology, Chiba University Faculty Of Medicine, Chiba, Japan ⁽¹⁾

146 - TARGETING B-CELL SURVIVAL MOLECULES IN THE COMMON MARMOSET EAE WITH ANTI-BLyS AND ANTI-APRIL

Anwar Jagessar ⁽¹⁾ - Nicole Heijmans ⁽¹⁾ - Erwin Blezer ⁽²⁾ - Jan Bauer ⁽³⁾ - Jon Laman ⁽⁴⁾ - Luke Oh ⁽⁵⁾ - Thi-sau Migone ⁽⁵⁾ - Matt Devalaraja ⁽⁵⁾ - Bert 't Hart ⁽⁶⁾

Dept. Immunobiology, Biomedical Primate Research Centre, Rijswijk, Netherlands ⁽¹⁾ - Image Science Institute, University Medical Center Utrecht, Utrecht, Netherlands ⁽²⁾ - Dept. Of Neuroimmunology, Medical University Of Vienna, Vienna, Austria ⁽³⁾ - Dept. Immunology, Erasmus Mc, Rotterdam, Netherlands ⁽⁴⁾ - Human Genome Sciences, Human Genome Sciences, Rockville, Md, United States ⁽⁵⁾ - Dept. Immunobiology, Biomedical Primate Research Centre, Rijswijk, Netherlands ⁽⁶⁾

310 - CHARACTERIZATION OF PROTECTIVE VITAMIN D EFFECTS IN MULTIPLE SCLEROSIS-LIKE NEUROINFLAMMATION

Manuel Zeitelhofer* ⁽¹⁾ - Milena Z. Adzemovic* ⁽¹⁾ - Petra Bergman ⁽¹⁾ - David Gomez-cabrero ⁽²⁾ - Sonja Hochmeister ⁽³⁾ - Tomas Olsson ⁽¹⁾ - **Maja Jagodic** ⁽¹⁾

Department Of Clinical Neuroscience, Center For Molecular Medicine, Karolinska Institutet, Stockholm, Sweden ⁽¹⁾ - Department Of Medicine, Center For Molecular Medicine, Karolinska Institutet, Stockholm, Sweden ⁽²⁾ - Department Of General Neurology, Medical University Of Graz, Graz, Austria ⁽³⁾



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Wednesday, November 7th, 2012

123 - THE EFFECTS OF METHADONE ON FUNCTION OF IMMUNE CELLS IN EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS

Laya Kafami ⁽¹⁾ - Ifa Etesami ⁽²⁾ - Mina Felfeli ⁽²⁾ - Neda Enayati ⁽³⁾ - Roya Ghiaghi ⁽³⁾ - Atefeh Aminian ⁽⁴⁾ - Ahmadrza Dehpour ⁽⁵⁾

Pathobiology Department, School Of Medicine, Alborz University Of Medical Sciences, Karaj, Iran ⁽¹⁾ - Students' Scientific Research Center, Tehran University Of Medical Sciences, Tehran, Iran ⁽²⁾ - Students' Scientific Research Center,, Tehran University Of Medical Sciences, Tehran, Iran ⁽³⁾ - Pharmacology Department, School Of Medicine,, Tehran University Of Medical Sciences,, Tehran,, Iran ⁽⁴⁾ - Pharmacology Department, School Of Medicine,, Tehran University Of Medical Sciences,, Tehran, Iran ⁽⁵⁾

82 - EPIDERMAL GROWTH FACTOR BLOCKADE AMELIORATE THE SEVERITY OF RELAPSING EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS

Yifat Amir-levi ⁽¹⁾ - Karin Mausner-fainberg ⁽¹⁾ - **Arnon Karni** ⁽¹⁾

Department Of Neurology, Tel Aviv Sourasky Medical Center, Sackler's Medical School, Tel Aviv University, Tel Aviv, Israel ⁽¹⁾

414 - MELATONIN REGULATES LUNG ASSOCIATED IMMUNITY OF A TROPICAL BIRD PERDICULA ASIATICA

Rajesh Kumar Kharwar ⁽¹⁾ - Chandana Haldar ⁽²⁾

Dept. Of Zoology, Kuteer P.g. College, Chakkey,jaunpur, Purvanchal University, Jaunpur, India ⁽¹⁾ - Dept. Of Zoology, Banaras Hindu University, Varanasi, India ⁽²⁾

286 - LAQUINIMOD REDUCES ASTROCYTIC NFκB ACTIVATION IN VITRO AND IN VIVO

Nadine Kramann ⁽¹⁾ - Ramona Pförtner ⁽¹⁾ - Wolfgang Brück ⁽¹⁾ - Christiane Wegner ⁽¹⁾

Department Of Neuropathology, University Medical Center, Göttingen, Germany ⁽¹⁾

498 - HUMAN GUT-DERIVED COMMENSAL BACTERIA AS THERAPY FOR AUTOIMMUNE DISEASES

David Luckey ⁽¹⁾ - Ningling Luo ⁽¹⁾ - Melissa Karau ⁽²⁾ - Robin Patel ⁽²⁾ - Moses Rodriguez ⁽³⁾ - Joseph Murray ⁽⁴⁾ - Chella David ⁽¹⁾ - Veena Taneja ⁽¹⁾ - **Ashutosh Mangalam** ⁽¹⁾

Immunology, Mayo Clinic, Rochester, United States ⁽¹⁾ - Clinical Microbiology, Mayo Clinic, Rochester, United States ⁽²⁾ - Neurology And Immunology, Mayo Clinic, Rochester, United States ⁽³⁾ - Gastroenterology, Mayo Clinic, Rochester, United States ⁽⁴⁾

22 - AMELIORATION OF EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS WITH ORAL ADMINISTRATION OF TRADITIONAL JAPANESE HERBAL MEDICINE

Makoto Matsui ⁽¹⁾ - Shin-ichi Araya ⁽¹⁾ - Fukoko Hoashi ⁽¹⁾ - Megumi Nakanishi ⁽¹⁾ - Shigemi Nagayama ⁽¹⁾

Department Of Neurology, Kanazawa Medical University, Uchinada, Ishikawa Prefecture, Japan ⁽¹⁾

446 - PREVENTION AND TREATMENT OF TOXICITY IN THE HOLISTIC APPROACH: POPULATION-BASED OBSERVATIONS AMONG THE RESIDENTS OF BARGUNA DISTRICT IN BANGLADESH

Md. Ariful Haque Mollik ⁽¹⁾

Biological Sciences, Peoples Integrated Alliance, Dhaka, Bangladesh ⁽¹⁾

30 - METHYLTHIOADENOSINE PROMOTES NEUROPROTECTION FOR INFLAMMATORY AND EXCITOTOXIC BRAIN DISEASES

Beatriz Moreno ⁽¹⁾ - Di Penta Alessandra ⁽²⁾ - Begoña Fernández ⁽³⁾ - Oihana Errea ⁽¹⁾ - Ion Agirrezabal ⁽¹⁾ - Nagore Escala ⁽¹⁾ - Carlos Matute ⁽⁴⁾ - Maria Victoria Sanchez ⁽⁵⁾ - Maria Domercq ⁽⁵⁾ - Miroslav Gottlieb ⁽⁶⁾ - Valentín Ceña ⁽⁷⁾ - Inmaculada Posadas ⁽⁸⁾ - Iciar López ⁽⁹⁾ - Jordi Alberch ⁽¹⁰⁾ - Albert Giral ⁽¹⁰⁾ - Jack M Parent ⁽¹¹⁾ - Helen Zhang ⁽¹¹⁾ - Meritxell Teixido ⁽¹²⁾ - Ernest Giral ⁽¹³⁾ - Pablo Villoslada ⁽¹⁾

Idibaps, Hospital Clinic, Barcelona, Spain ⁽¹⁾ - Neurogenomiks, University Of Basque Country, Bilbao, Spain ⁽²⁾ - Idibaps, Hospital Clinic, Barcelona, Spain ⁽³⁾ - Cibernet-neurosciences Department, University Of Basque Country, Bilbao, Spain ⁽⁴⁾ - Cibernet-neurosciences Department, University Of The Basque Country, Bilbao, Spain ⁽⁵⁾ - Institute Of Neurobiologie, Slovak Academy Of Sciences, Kosice, Slovakia ⁽⁶⁾ - University Of Castilla La Mancha, University Of Castilla La Mancha, Albacete, Spain ⁽⁷⁾ - University Of Castilla La Mancha, University Of Castilla La Mancha, Albacete, Spain ⁽⁸⁾ - Center Fox Applied Medical Research (cima), University Of Navarra, Pamplona, Spain ⁽⁹⁾ - University Of Barcelona, University Of Barcelona, Barcelona, Spain ⁽¹⁰⁾ - University Of Michigan, University Of Michigan, Detroit, United States ⁽¹¹⁾ - Institute For Research In Biomedicine, University Of Barcelona, Barcelona, Spain ⁽¹²⁾ - Institute For Research In Biomedicine, University Of Barcelona, Barcelona, Spain ⁽¹³⁾

173 - PREVENTIVE TREATMENT WITH LAQUINIMOD REDUCES MYELOID DENDRITIC CELLS AND SHIFTS PRO-INFLAMMATORY TO REGULATORY T CELLS IN EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS

Martina Ott ⁽¹⁾ - Christiane Wegner ⁽¹⁾ - Stefan Nessler ⁽¹⁾ - Wolfgang Brück ⁽¹⁾

Department Of Neuropathology, University Medical Center Goettingen, Goettingen, Germany ⁽¹⁾





SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Wednesday, November 7th, 2012

10 - DIMETHYL FUMARATE INHIBITS DENDRITIC CELL MATURATION VIA NF- κ B AND ERK1/2-MSK1 SIGNALING

Haiyan Peng ⁽¹⁾ - Mireia Guerau-de-arellano ⁽²⁾ - Veela Mehta ⁽²⁾ - Yuhong Yang ⁽²⁾ - David Huss ⁽³⁾ - Tracey Papenfuss ⁽⁴⁾ - Amy Lovett-racke ⁽⁵⁾ - Michael Racke ⁽²⁾

Neuroscience Graduate Studies Program, The Ohio State University, Columbus, United States ⁽¹⁾ - Department Of Neurology, The Ohio State University, Columbus, United States ⁽²⁾ - Molecular Cellular And Developmental Biology, The Ohio State University, Columbus, United States ⁽³⁾ - Department Of Veterinary Biosciences, The Ohio State University, Columbus, United States ⁽⁴⁾ - Department Of Microbial Infection And Immunity, The Ohio State University, Columbus, United States ⁽⁵⁾

505 - IMPROVED DRUGABILITY OF VASOACTIVE INTESTINAL PEPTIDE (VIP) BY NANOTECHNOLOGY FOR THERAPEUTIC SELECTIVE TARGETING AND IMMUNOMODULATION

David Pozo ⁽¹⁾ - Soledad Lopez-enriquez ⁽¹⁾ - Rebecca Klippstein ⁽¹⁾

Cabimer-andalusian Center For Molecular Biology & Regenerative Medicine, University Of Seville, Seville, Spain ⁽¹⁾

54 - CANNABINOID AFFECT MITOCHONDRIAL TARGETS IN BV-2 MICROGLIAL CELLS.

Neta Rimmerman ⁽¹⁾ - Ana Juknat ⁽¹⁾ - Ewa Kozela ⁽¹⁾ - Ziv Porat ⁽²⁾ - Danya Ben-hail ⁽³⁾ - Varda Shoshan-barmatz ⁽³⁾ - Mathew Daniels ⁽⁴⁾ - Zvi Vogel ⁽¹⁾
School Of Medicine, Tel Aviv University, Tel Aviv, Israel ⁽¹⁾ - Flow Cytometry Unit, Weizmann Institute Of Science, Rehovot, Israel ⁽²⁾ - Department Of Life Sciences, Ben Gurion University Of The Negev, Beer Sheva, Israel ⁽³⁾ - Nhlbi, Nih, Bethesda, United States ⁽⁴⁾

507 - CHARACTERIZING THE ROLE OF CD200R1-EXPRESSING LEUKOCYTE POPULATIONS IN THE INFLAMMATORY RESPONSE TO STROKE: DEFINING A CELLULAR TARGET FOR IMMUNE INHIBITORY-BASED THERAPIES

Rodney Ritzel ⁽¹⁾ - Anita Patel ⁽¹⁾ - Victoria Scranton ⁽¹⁾ - Louise Mccullough ⁽¹⁾

Department Of Neuroscience, University Of Connecticut Health Center, Farmington, Ct, United States ⁽¹⁾

127 - DEFICIENCY OF NATURAL KILLER CELLS IN PATIENTS WITH MULTIPLE SCLEROSIS IS ASSOCIATED WITH ABERRANCE OF INTERLEUKIN-7.

Samuel Shi ⁽¹⁾ - Gan Yan ⁽¹⁾ - Soha Ghanian ⁽¹⁾

Barrow Neurological Institute, St. Joseph's Hospital An Medical Center, Phoenix, United States ⁽¹⁾

524 - IMMUNOTHERAPY OF EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS USING APC-TARGETED MYELIN PEPTIDES IN PROPHYLACTIC AND THERAPEUTIC VACCINES

Vivian Tseveleki ⁽¹⁾

Laboratory Of Molecular Genetics, Hellenic Pasteur Institute, Athens, Greece ⁽¹⁾

42 - THERAPEUTIC TREATMENT WITH AN ANTI-MOUSE CD52 ANTIBODY REVERSES DISEASE SYMPTOMS IN A MURINE EAE MODEL OF MULTIPLE SCLEROSIS

Michael J. Turner ⁽¹⁾ - Nathalie Chretien ⁽¹⁾ - Evis Havari ⁽¹⁾ - Michael Lamorte ⁽¹⁾ - Bruce Roberts ⁽¹⁾ - Johanne Kaplan ⁽¹⁾ - William Siders ⁽¹⁾

Genzyme, A Sanofi Company, N/a, Framingham, United States ⁽¹⁾

515 - SUPPRESSION OF EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS WITH NANOPARTICLES CARRYING A CENTRAL NERVOUS SYSTEM ANTIGEN AND A NON-TOXIC ARYL HYDROCARBON RECEPTOR LIGAND

Ada Yeste ⁽¹⁾ - Meghan Nadeau ⁽²⁾ - Evan Burns ⁽²⁾ - Howard Weiner ⁽²⁾ - Francisco J. Quintana ⁽²⁾

Center For Neurologic Diseases, Brigham And Women's Hospital, Harvard Medical School, Boston, United States ⁽¹⁾ - Center For Neurologic Diseases,, Brigham And Women's Hospital, Harvard Medical School, Boston, United States ⁽²⁾

482 - STAT6 AND RAR β SIGNALING SYNERGISTICALLY INDUCES TOLEROGENTICITY IN INFLAMMATORY DENDRITIC CELLS

Bing Zhu ⁽¹⁾ - Thomas Buttrick ⁽¹⁾ - Ribal Bassil ⁽¹⁾ - Chen Zhu ⁽¹⁾ - Chuan Wu ⁽¹⁾ - Sheng Xiao ⁽¹⁾ - Marta Olah ⁽¹⁾ - Wassim Elyaman ⁽¹⁾ - Samia J. Khoury ⁽¹⁾

Center For Neurologic Diseases, Brigham And Women's Hospital, Harvard Medical School, Boston, United States ⁽¹⁾

92 - HUMAN IgG BUT NOT LIPOSOMAL PREDNISOLONE IMPROVES THE EARLY CLINICAL COURSE OF MDX MICE AS MODEL FOR DUCHENNE MUSCULAR DYSTROPHY

Jana Zschuentzsch ⁽¹⁾ - Charlotte Weller ⁽¹⁾ - Yaxin Zhang ⁽²⁾ - Florian Klinker ⁽³⁾ - Gregor Makosch ⁽⁴⁾ - Lars Klinge ⁽⁵⁾ - Josbert M. Metselaar ⁽⁶⁾ - David Liebetanz ⁽³⁾ - Heinrich Brinkmeier ⁽²⁾ - Jens Schmidt ⁽¹⁾

Dept. Of Neurology, University Medical Centre Goettingen, Goettingen, Germany ⁽¹⁾ - Institute Of Pathophysiology, University Of Greifswald, Greifswald, Germany ⁽²⁾ - Dept. Of Clinical Neurophysiology, University Medical Centre Goettingen, Goettingen, Germany ⁽³⁾ - Dept. Of Neuroimmunology And Hertie Institute, University Medical Centre Goettingen, Goettingen, Germany ⁽⁴⁾ - Dept. Of Pediatrics, University Medical Centre Goettingen, Goettingen, Germany ⁽⁵⁾ - Enceladus Pharmaceuticals, Enceladus Pharmaceuticals, Amsterdam, Netherlands ⁽⁶⁾



12th International Congress of Neuroimmunology



14th ESNI COURSE
European School of Neuroimmunology

Johannes Gutenberg University



Germany **October 2014**





SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Thursday, November 8th, 2012

Stem cells in immunity and Disease.....8.30am - 9.15am - Plenary Symposium 7 (America Ballroom)

529 - STEM CELLS IN IMMUNITY AND DISEASE

Gianvito Martino ⁽¹⁾08:30

San Raffaele Scientific Institute/division Of Neuroscience, San Raffaele Hospital, Milano, Italy ⁽¹⁾

Can transplanted stem cells cause cancer9.15am - 10.30am - Plenary Symposium 8 (America Ballroom)

Evan Snyder09:15

565 - MESENCHYMAL STEM CELLS EXERT A REMARKABLE NEUROPROTECTIVE EFFECT REQUIRING MINIMAL CNS INTEGRATION

Antonio Uccelli ⁽¹⁾09:40

Department Of Neurosciences, University Of Genoa, Genoa, Italia ⁽¹⁾

COFFEE BREAK 10:00 - 10:30

Stem cells and immunity10.30am - 12.00pm - Room A (Concurrent Symposia 10)

Chair: D. Karussis, S. Pluchino

535 - PROFESSIONAL AND NON-PROFESSIONAL NEURAL PHAGOCYTES IN BRAIN MAINTENANCE

Jonathan Kipnis ⁽¹⁾10:30

University Of Virginia, University Of Virginia, Charlottesville, United States ⁽¹⁾

533 - HORIZONTAL CELL-TO-CELL COMMUNICATION PROGRAMS AND IMMUNE REGULATORY NEURAL STEM CELL THERAPIES

Stefano Pluchino ⁽¹⁾10:55

Cambridge Centre For Brain Repair And Stem Cell Institute, University Of Cambridge, Cambridge, United Kingdom ⁽¹⁾

REJUVENATION OF THE AGED SYSTEMIC MILIEU SUPPORTS ADULT HIPPOCAMPAL NEUROGENESIS

Tony Wyss-Coray11:15

538 - THE IN VITRO AND IN VIVO IMMUNOLOGICAL EFFECTS OF MSC IN MULTIPLE SCLEROSIS

Dimitrios Karussis ⁽¹⁾11:40

Hadassah Medical Center, Hadassah Hebrew University Hospital, Jerusalem, Israel ⁽¹⁾

Paraneoplastic and Non-paraneoplastic diseases.....10.30am - 12.00pm - Room B (Concurrent Symposia 11)

Chair: A. Vincent, J. Dalmau

539 - ANTIBODY RECOGNITION OF GLYCOLIPID DOMAINS IN AUTOIMMUNE NEUROPATHY

Hugh Willison ⁽¹⁾10:30

Institute Of Infection, Immunity And Inflammation, University Of Glasgow, Glasgow, United Kingdom ⁽¹⁾

567 - ANTIBODIES TO COMPONENTS OF VGKC-COMPLEXES ASSOCIATED WITH DIVERSE IMMUNOTHERAPY-RESPONSIVE CLINICAL SYNDROMES

Angela Vincent ⁽¹⁾ - Sarosh Irani ⁽¹⁾ - Bethan Lang ⁽¹⁾11:00

Nuffield Department Of Clinical Neurosciences, John Radcliffe Hospital, Oxford, United Kingdom ⁽¹⁾

554 - PARANEOPLASTIC AND IDIOPATHIC AUTOIMMUNE NEUROLOGICAL DISEASE

Vanda Lennon ⁽¹⁾11:30



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Thursday, November 8th, 2012

Mayo Clinic, College Of Medicine, Rochester, Mn, United States ⁽¹⁾

New Treatments in MS- what do we learn about disease pathogenesis

.....10.30am - 12.00pm - Room C (Concurrent Symposia 12)

Chair: H. Hartung, T. Derfuss

544 - ANTIGEN DIRECTED THERAPIES IN MULTIPLE SCLEROSIS (MS)

Jack Antel ⁽¹⁾10:30

Montreal Neurological Institution/hospital, McGill University, Montreal, Canada ⁽¹⁾

560 - PERSPECTIVES OF INDIVIDUALIZED MS THERAPIES

Manuel Comabella ⁽¹⁾10:55

Centre d'Esclerosi Multiple de Catalunya (CEM-Cat), Hospital VALL Hebron, Barcelona, Spain

559 - MONOCLONAL ANTIBODIES IN MS - THE LONG EXPECTED MAGIC BULLETS?

Tobias Derfuss ⁽¹⁾11:15

Department Of Neurology, University Hospital, Basel, Switzerland ⁽¹⁾

MONOCLONAL ANTIBODIES - HIGHLY SELECTIVE ?;

Hans- Peter Hartung11:35

LUNCH BREAK 12:00 - 13:00

The Neurobiology Lecture.....1.00pm - 2.00pm - Plenary Lecture 4 (America Ballroom)

142 - CHANGING VIEW OF WHITE MATTER FUNCTION AND PLASTICITY

Douglas Fields ⁽¹⁾13:00

National Institutes Of Health, Hichd, Bethesda, Md, United States ⁽¹⁾

Closing Remarks.....2.pm - Plenary Hall (America Ballroom)



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Index of Abstracts' Authors

A

Abad Elena	70	Almolda Beatriz	54; 64	Ates Robert	46
Abdelmagid Nada	35; 42	Alpi Emanuele	58	Atsumi Takashi	51
Abou-Hamdan Mhamad	46	Alter Galit	27	Auclair Jared	48
Abou-Hamdan Mohamad	43	Altintas Ayse	22; 23; 26	AUCOUTURIER Pierre	65
Abramsky Oded	70	Alvarez Enrique	19	Avezza Federica	28
Abutbul Shai	49	Alvarez Jorge	17	Avidan Nili	21
ACARIN LAIA	64	Alvarez Jorge Ivan	22; 47; 48	AYSAL FIKRET	42; 70
Acharjee Shaona	32	Álvarez-Cermeño José C	22	AYTA SEMIH	62
Ackermann Friederike	28	Amatruda Mario	58	Ayton Scott	53
Adams Robert	29	Aminian Atefeh	72	Azpiroz Arantza	33
Aeinehband Shahin	26	Amir-Levi Yifat	38; 72	B	
Agirrezabal Ion	72	Amor Sandra	17; 40; 44; 54; 67	Babcock Alicia	46
Agosta Federica	20	Anderson George	51	Babcock Alicia A	66
Agrawal Smriti	37	Anderson Monique	68	Babcock Alicia A.	44
Aguirre Florencia	18; 19; 23	Andersson Magnus	48	Babiuk-Henry Tanya	32
Aharoni Rina	71	Andolfo Annapaola	31	Bach Søndergaard Helle	18
Ahn Jeeyoon Jennifer	38	Andreansky Samita	60	Bachi Angela	31; 58
Ai Youxi	29; 30	Andreasson Katrin	51	Bacigaluppi Marco	58
AID Saba	65	Angelini Daniela F.	69	Baekelandt Veerle	63
Airas Laura	47	Annese Anita	18	Bahtz Ramona	60
AIT-AHMED Dylla	65	Annibali Viviana	18; 69	Bajramovic Jeffrey	17; 26; 44
Akahata Yoshimi	68	Antel Jack	76	Baker David	16; 67
Akman-Demir Gulsen	25	Antel Jack P.	43; 47; 55	Baker Glen B.	40; 62
AKMAN-DEMIR Gulsen	18; 20	Anthony Daniel	47; 62	Baker Stuart	18
Akrivou Sofia	18	Anthony Daniel Clive	48	Bakke Per S.	21
Aktas Orhan	43	Anton Tool	54	Bakshi, MD, MA Rohit	25
Akyol Elif Ayse	62	Antonius van Lokven	25	Bala Manju	38
Al Nimer Faiez	27; 42; 48	Apiwattanakul Metha	23	Balabanov Roumen	37; 44
ALAHGHOLI HAJIBEHZAD MAHDI	42	Arakawa Musashi	41; 65	Balazs Mercedesz	62
Albayram Önder	65	ARAYA Shin-ichi	72	Balboni Gianfranco	43
Alberch Jordi	72	Arbour Nathalie	41; 48	Baldi Eleonora	40
Albino Simone	31	Archambault Angela	19	Balice-Gordon Rita	25; 64
Alessandra Di Penta	72	Arends Hannah	28	Ballarini Elisa	28
Alexopoulos Harry	18	Arigoni Maddalena	36	Ballestrero Alberto	39
Alfaro-Cervello Clara	58	Armagan Haydar	30	Ballif Bryan A.	42
Alferink Judith	28; 43; 65	Armangue Thais	25	Barakat David	45
Alfredsson Lars	51; 62	Armentani Eric	27	Bardina Valentina	70
Alleman Anthony	60	Arnon Ruth	71	Bari Monica	58
Allen Heather E.	44	Asai Hirohide	54	Barichello Tatiana	44; 52
Allie Nasiema	38	Asano Masahide	51	Baricordi Olavio	40
		Asgari Nasrin	23	BARIS SAFA	62



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Barlassina Cristina	36	Bergmann Cornelia	16; 17	Bortolotti Daria	40
Baron Rona	65	Bergmann Cornelia C	17	Boscá Isabel	15
Bar-or Amit	18	Bergström Tomas	62	Boscacci Rémy	16
Bar-Or Amit	14; 36; 43; 47; 51; 55	Bernard Claude	64	Boss Jeremy	67
Barreira Amilton Antunes	36	Bernard Claude C.	15	Bourbonnière Lyne	47
Baruch Kuti	44	Bernard Claude C.A.	58	Bourbouniere Lyne	17
Bassil Ribal	17; 35; 59; 71; 73	Berneman Zwi	27	Bowen Setephanie	57
Batocchi Anna Paola	69	Bernier Louis Philippe	55	Boyko Alexey	20; 31
Battistini Luca	69	Berrios-Otero Cesar	19	Bracchi-Ricard Valerie	60
Bauer Inga	39	Berry James	36	Bradl Monika	63
Bauer Jan	16; 62; 63; 71	Bertolotto Antonio	21; 36	Bradshaw Elizabeth	15; 35; 59
Baxi Emily	48	Bethea John R.	45; 60	Brahma Sarang	37; 44
Beaino Wissam	29; 71	Bettelli Estelle	18; 59	Brait Daniela	29
Beauseigle Diane	41	Beyaert Rudi	39	Brambilla Elena	58; 68
Beaver Josh	68	Beyeen Amennai	35	Brambilla Roberta	45
Becher Burkhard	45; 49; 53	Beyeen Amennai Daniel	35; 38; 42	Branton William	17; 61
Beck Heinz	52	Beynon Vanessa	26; 38	Braun Juergen	50
Becker Albert J	52	Bielekova Bibiana	21; 24; 26; 27; 38; 47	Brazier David	18
Beier Markus	43	Bieri Gregor	49; 68	Brehmer Felix	29
Beltrán Eduardo	15	Biffi Emilia	46	Breit Samuel N	57
Ben Fredj Nadia	40	Billiau An	33	Brennan Faith H	45
Ben Hur Tamir	68	Billo Giuseppe	37	Brettschneider Johannes	22
Benassou Ines	32	Binart Nadine	46	Brill Livnat	68; 70
Bendix Ivo	29	Binyamin Orli	47	Brimberg Lior	18
Ben-Hail Danya	73	Birkenstock Jerome	57	Brinkmeier Heinrich	73
Benhar Inbal	44	Birthe Ortstädt	53	Brioschi Monica	37
Ben-Hur Tamir	70	Bittner Stefan	22	Briskin Rebeccah	24
Bennett David	15	Blankenhorn Elizabeth	42	Broux Bieke	69
Bennett Jeffrey	30	Blatti Claudia	16	Brown David Alexander	57
Benoist Christophe	24	Bleackley Chris	58	Bruce Trapp	54
Benseler Susa	25	Blezer Erwin	16; 71	Brück Wolfgang	57; 72
Benson Curtis	62	Blicher Thomas	63	Bruening Jens	45
Bergamaschi Laura	68	Blomster Linda V	45	Bruinsma Ilona	43
Bergamaschi Roberto	31	Boege Fritz	20	Brum Doralina Guimarães	36
Bergami Alessandra	20; 31	Bogie Jeroen	26	Brun Susana	29
Berger Christoph T.	27	Bolsellino Giovanna	69	Brundin Lou	48
Berghoff Martin	54	Bondan Eduardo Fernandes	32	Brunetto Giovanna	30
Berglund Melanie Thessen Hedreul	45	Bono Giorgio	25	Bruttger Julia	55
Berglund Rasmus	42	Booth Steven G	52	Bruzzozone Santina	39
Berglund Rasmus Berglund	45	Börnsen Lars	18	Buch Thorsten	45
Bergman Petra	35; 43; 71	Boronat Anna	60	Buehrer Christoph	29





SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Index of Abstracts' Authors

Buffels Regine71	Case Laure42	Chitnis Tanuja20
Bunning Rowena47	Case Laure K41	Choi Miran31
Burdet Berenice63	Caselli Elisabetta28	Choi Namjong53
Burkett Patrick59	Casetta Ilaria28	Choi Nancy67
Burm Saskia17; 26	Caspi Rachel R.44	Chow Janet29
Burns Evan73	Cassai Enzo28	Chretien Nathalie73
Burns Evan J.40	Cassee Flemming49	Chucair-Elliott Ana67
Burton Ellen23	Castellano Bernardo54; 64	Chun Ye Jimmie24
Butchi Niranjana B17	Castellazzi Massimiliano40	Chung Jaegwon39
Butovsky Oleg36; 48; 71	Castillo Irene W.24	Cialic Ron71
Butti Erica58	Cattaneo Elena58	Cinthia Farina31
Buttle David47	Cavaletti Guido28	Clark Kristi21
Buttrick Thomas73	Cavanagh Jonathan54	Cláudio Fonseca Moreira José67
Byrne Richard37	CAVUS Filiz18; 20	Clausen Bettina Hjelm46; 48
C	Cayrol Romain48	Claverie Santiago19
Caddeo Carla58	Cebrian Silla Arantxa58	Clerici Mario41; 51
Calogero Raffaele A.36	Cédile Oriane69	Clerico Marinella70
Cambiaghi Marco58	Ceña Valentin72	Clover Linda45
Campbell Arezo49	Cendes Fernando53	Coarelli Giulia18
Campbell Iain41; 45; 54	Centonze Diego58; 69	Cohen Mikhal E.68
Campbell Iain L.37; 61; 64	Ceretta Renan44	Coisne Caroline23
Campbell Sandra62	CERUTTI CAMILLA43	COKAR OZLEM62
Campos Lucía68	Chai Young31	Colaço Maria B Nandini32
Canta Annalisa28	CHAIGNEAU Thomas65	Coles Alasdair24
Cantoni Claudia30; 36	Chan Lawrence30	Collaborators Euratrans35
Cao Shuwen47	Chapple Katie Jean45	Collaborators Eutatools35
Capobianco Marco21	Chatzi Ioanna18	Colman David36
Caputo Domenico41; 51	Chaudhary Omkar38	Colombo Antonio37
Carbone Francis61	Chavarria Anahi66	Colombo Emanuela65
Cardona Astrid53	Checa Begona62	Comi Giancarlo20; 46; 58; 68
Carlström Karl42	Chen Rong15	Compston Alastair15
Carmine-Simmen Katia58	Chen Rui15	Conrady Christopher60
Carmono Lemos Joelson52	Chen Shu18	Constantinescu Cris51
Carozzi Valentina Alda28	Chen Xian-Ming36	Contreras Francisco64
Carr Daniel60; 67	Chen Zhihong17	Cools Nathalie27
Carriero Maria R.37	CHERTOFF MARIELA64	Corbo Massimo51
Carrillo-Salgado Carlos66	Chiapparini Luisa37	Cordes Steffen50
Carvajal Alexander45	Chiba Atsuro23; 26	Cordiglieri Chiara31; 65
Carvalho Vilela Marcia44; 52	Chibnik, PhD, MPH Lori25	Coret Francisco15
Casanova Bonaventura15	Chiorazzi Alessia28	Corpillo Davide21
Casazza Simona67	Chipendo Portia24	Cosentino Cristian36



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Cosentino Marco	.25	Dal-Pizzol Felipe	.52	Dekkers Olaf M.	.24
Cossetti Chiara	.58; 68	Damato Valentina	.69	del Rio Roxana	.41
Costantini Alexander M	.45	Daniels Mathew	.73	Delgado Mario	.64
Costanza Massimo	.43; 46	DANSOKHO Cira	.65	DEMIRBILEK VEYSI	.62
Costello Derek	.46	Darlington Peter	.32	Denieffe Stephanie	.46
Couch Yvonne	.48	Darvesh Sultan	.44	Deniz Gunnur	.23; 26
Cousens Leslie	.71	David Brian	.46	Denys Damiaan	.33
Crabbio Massimo	.31	David Chella	.72	Derfuss Tobias	.76
Crack Peter	.46; 53	David Yaron	.49	Derksen Angelika	.53
Craig Laura	.63	Davini Dan	.46	Detje Claudia N.	.60
Cras Patrick	.27	Davis Oliver	.23	Deutsch Urban	.16
Crawford Colin	.46	De Baets Marc H	.15	Dev Kumlesh K	.46
Crawford Joanna	.58	de Bock Laura	.52	Devalaraja Matt	.71
Cree Bruce A.C.	.54	de Ceglia Roberta	.46	Deymeer Feza	.30
Cremasco Viviana	.30	De Chiara Valentina	.58	DEYMEER FEZA	.42; 70
Crippa José Antonio	.44	De Deyn Peter P	.22	Dhaunchak Ajit Singh	.36
Crippa Luca	.28	de Faria Junior Omar	.36	D'hooghe Marie	.27
Cron Mira	.65	De Feo Donatella	.58; 68	D'Hooghe Marie	.52
Cron Randy Q.	.47	De Gennaro Riccardo	.28	Di Dario Marco	.31
Crooks James	.38	De Groot Anne	.71	Di Luca Dario	.28
Cross Alison	.47	De Jager Philip	.15	Di Stefano Anna Luisa	.31
Cross Anne	.36	De Jager Philip L.	.24; 26; 27; 35	Diamond Allison	.25
Cross Anne H.	.19; 30	De Jager Phillip	.35	Diamond Betty	.18
Cudkowicz Merit	.36	De Jager, MD, PhD Philip	.25	Diaz-Lorente Maria	.20
Cuevas Carlos	.71	de Jong Brigit	.43	Dickens Alex	.62
Cui Qiao-Ling	.47	De Jong Brigit	.22; 52	Dickens Alex M.	.47
Cummings Macri Sheila	.30	de Kivit Sander	.45	Diehl Sean A.	.42
Cunha Andre Pires	.70	De Laurentiis Andrea	.63	Dietmann Sabine	.58
Cura Francesca	.40	de Theije Caroline	.29; 32	Diez Margarita	.35; 42
Curry Alison	.24	de Vries Elga	.16; 54	DiFrancesco Jacopo C.	.37
Czirr Eva	.49	de Vries Helga	.16; 63	Dijkstra Christine	.54
D		de Vries Helga E.	.16	Dina Giorgia	.58
da Cunha Andre	.38	de Vries Taco	.54	Dinger Marcel E.	.58
Daehn Tristan	.20	Deckx Nathalie	.27	Dissing-Olesen Lasse	.44
Daialhosein Hadi	.62	Dederen Jos	.32	Dobson Christopher M.	.64
Dake Ben	.36	Deforce Dieter	.33	Doepfner Thorsten R.	.48
Dal Pizzol Felipe	.67	Dehmel Thomas	.20; 43; 53; 69	Doering Axinia	.63
Dalakas Marinos	.18	Dehpour Ahmadrza	.72	Doh MiSook	.31
Dalla Libera Dacia	.20	Deierborg Tomas	.44; 46; 48	Doi Yukiko	.51; 66
Dalla Librea Dacia	.20	Deisenhammer Florian	.71	Domercq Maria	.72
Dalmau Josep	.14; 25; 60; 64	Dejana Elisabetta	.16	Dominguez Cecilia	.42



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Index of Abstracts' Authors

Dong Lily Q.30	Elhalwi Alexandre32	Fenger Christina63
Dornmair Klaus15	Elkabes Stella46	Fensterl Volker17
Dorok Mareike69	Ellestad Kristofor K.61	Fernández Begoña72
DOROTHEE Guillaume65	Ellrichmann Gisa30; 65	Fernandez-Montesinos Rafael64
dos Santos Antonio Carlos36	Elovaara Irina20	Fernández-Periáñez Rodrigo68
Douna Hidde28	Elton Lynn39	Ferrarese Carlo37
Downes Catherine46	Elyaman Wassim17; 35; 59; 71; 73	Fevry Sabine33
Drago Denise58	Emery Ben63	Fichna Jakub18
Dragon Julie42	Emmanouil Mary63	Fields Douglas76
Dragunow Mike52	Emrich Michael41	Fieremans Els19
Drescher Kristen36	Enayati Neda72	Filippi Massimo20
Dresing Philipp43	Endesfelder Stefanie29	Finardi Annamaria31
Drevets Douglas60	Engelhardt Britta16; 23; 47	Finkelstein David53
Drews Eva43	Enomoto Atsushi22	Finlay Trisha47
Drexler Ingo62	Enzmann Gaby22	Finsen Bente44; 46; 48; 63; 66
Dring Ann48	Eraksoy Mefkure25	Finstad Kristiaan42
Drukarch Benjamin54	ERDAG Ece18; 20	Fischer Henrike39
Drulovic Jelena21; 52	Ernst Matthias37	Fischer Henrike J.29
Duan Tao37	Errea Oihana72	Fischer Lisa39
Duchen Michael57	Erta Maria45	Fischer Roman66
Duman Taskin23	Escala Nagore72	Fitzgerald Denise48
Dumas Aline23	Esendagli Gunes41	Fitzgerald Denise C27
Dunn Shannon38	Etesami Ifa72	Flanagan Collin G.49
Duquette Pierre41; 48	Evangelidou Maria63; 71	Flockerzi Veit57
Durafourth Bryce A.43; 47	Evans Andrew33	Flügel Alexander59
Durelli Luca70	F	FLÜGEL Alexander14
Dutta Ranja54	Fainardi Enrico40	Flügel-Koch Cassandra59
Dutta Ranjan17	Fainstein Nina68	Flytzani Sevasti18; 35
Dvorianchikova Galina45	Fallarino Francesca38	Fogdell-Hahn Anna38
E	Fallier-Becker Petra16	Fontana Adriano28
Eagan Tomas Mikal21	Fan Yan37	Fontana Elena43
Eggert Britta40	Farabaugh Ken17	Förster Irmgard43; 65
Egorova Svetlana20	Farina Cinthia31; 65	Forsthuber Thomas53
Eichler Tilo Wolf60	Farooqi Nasr36; 47	Forstuber Thomas64
Eijnde Bert63	Favorov Alexander20; 31	Fouka Penny18
Eilam Raya71	Favorova Olga20; 31	Fournié Gilbert42
Einstein Ofira68	Fehniger Todd36	Francese S31
Ekman Diana35	Felderhoff-Mueser Ursula29	Franciotta Diego31
EL Malki Khalifa39	Felfeli Mina72	Francisco Ngiambudulu Mbandu38
El Yaman Wassim15	Feng Ji-Ming37	Francois Jonathan32
Elain Gaelle46	Feng Ting24	Frangieh Michael35



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Franklin Robin J.M.	27	Garcia-Verdugo Jose Manuel	58	Goldschalk Alisha	17
Frauenknecht Katrin	39	Gardiner Chris	48	Gollan René	57
Fraussen Judith	15; 52	Gardinetti Margherita	37	Gomez-Cabrero David	71
Frausto Ricardo	45	Garssen Johan	28; 29; 32; 45	GONZALEZ BERTA	64
Frausto Rick	37	Garzetti Livia	20; 31	González Berta	54; 64
Fredrickx Evelien	58	Gasperini Claudio	69	Gonzalez Hugo	64
Freeman Zachary	29	Gatlin Joseph	24	Gonzalez-Rey Elena	64
Frei Karl	60	Gatti Andrea	51	Goodyear Carl S	45
Freichel Marc	57	Gavasso Sonia	21	Gopal Murugaiyan	36; 38
Freire Rodrigues de Souza Li Lilia	53	Gelderblom Mathias	20	Gorina Roser	47
Frenkel Dan	27	Gentili Valentina	28	Gorman Mark	19
Friedman Alon	49	Gérard Valerie A	50	Bilkei‐ ...	65
Friedman-Levi Yael	47	Gerloff Christian	20	Goswami Rajendra	37; 44
Friese Manuel	20	Gerritsen Wouter	40; 67	Gottlieb Miroslav	72
Friese Manuel A.	40; 57; 70	Gerstner Bettina	29	Govarts Cindy	22
Friis Søren	61	Getts Daniel	61	Goverman Joan	19; 52; 56; 69
Frisullo Giovanni	69	Geurts Jeroen	43	Gozubatik-Celik Gokcen	23
From Renana	71	Ghanian Soha	73	Graber David	26
Frommer Fredericke	45	Ghassemi Azadeh	32	Graham E. Scott	52
Fryer James P.	16	Ghiaghi Roya	72	Graham Gerard	54
Fujihara Kazuo	63	Gholipour Taha	20	Gran Bruno	38; 51
Fujioka Toshiki	29	Ghorpade Anuja	54	Granieri Enrico	28; 40
Fujita Koji	66	Giaccone Giorgio	37	Grano Fernanda G.	50
Furlan Roberto	20; 31	Gibrel Gehan	47	Grant Jaqueline	68
Furmaniak Jadwiga	18	Gillett Alan	35; 42; 43	Grasso Maria Grazia	69
Furusawa Yoshihiko	39	Gilli Francesca	21; 36	Graus Francesc	25; 60
G		Gilthorpe Jonathan	48	Gredahl Hanne Birgit	48
Gabilondo Iñigo	25	GIMENEZ-LLORT LYDIA	64	Greenamyre J. Timothy	49
Gabizon Ruth	47	Ginsburg Elizabeta	21	Greenberg Steven M.	37
Gabriely Galina	36; 60	Giralt Albert	72	Greer Judith	50; 63; 71
Gaestel Matthias	54	Giralt Ernest	72	Gregersen Peter, K.	18
Gali Reddy	36	Giris Murat	30	Gregory Simon	68
Galimberti Daniela	30	GIRIS Murat	20	Griffin Diane	61; 62
Galleguillos Goiry Lorna	18; 36	Giuliani Fabrizio	58	Griffiths Dayna	18
Gallizioli Mattia	58	Giuliano Albo Alessandra	21	Grill Magdalena	37
Gamble Michael	18	Gjertsen Bjørn-Tore	21	Grimm Ann-Kristin	42
Gandhi Roopali	20; 27	Glaser Carol	25	Guc Dicle	41
Gandoglia Ilaria	27	Gobin Veerle	33	Guerau-de-Arellano Mireia	73
Garbett Krassimira A.	29	Goethals Sofie	55	Guerreiro-Cacais Andre Ortlieb	38
Garcia Esperanza	66	Göhrs Ramona	65	Guidotti Mario	25
García Merino Juan Antonio	68	Gold Ralf	30; 65	Guiliani Fabrizio	62
Garcia-Ojalvo Jordi	70	Goldenberger Ofir	63	Guilliams Martin	55



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Index of Abstracts' Authors

Guilliams Tim64	Haugen Mette60	Hinton David R17
Guio-Agulair Pedro46	Haukanes Bjørn Ivar60	Hintzen Rogier57
GULSEN PARMAN YESIM42	Havari Evis73	Hintzen Rogier Q.41
Gun'ko Yuri K50	Haylock-Jacobs Sarah37	Hirayama Takehisa69
Gunzer Matthias52	Haynes Wesley30	Hirst Mark43
Gupta Sheena64	Häyrinen Jukka53	Hirst Mark C.16
Gupta Yask42	Hazarika Anjali38	Hmadcha Abdelkrim64
GURSES CANDAN62	He Ying-Bo68	HOASHI Fukoko72
Guzman Alerie27	Healy Brian20	Hochmeister Sonja48; 63; 71
H	Healy Luke M46	Hoerauf Achim28
H. Holm Thomas27	Heary Robert46	Hofer Markus41; 54
Haag Sabrina69	Heath P.R.31	Hofer Markus J.61
Haak Stefan53	Hedström Anna Karin51	Hofman Gerard32
Haaparanta-Solin Merja47	Heijmans Nicole16; 71	Höftberger Romana60
Haberl Michael59	Heijnen Priscilla54	Hohlfeld Reinhard15; 65
Hachehouche Lamia Naouel47	Heikenwälder Mathias28	Hokari Mariko41
Hackenbruch Christopher39	Heimrich Bernd61	Holm Thomas H63
Hacohen Nir24	Heink Sylvia62	Holt Robert A.61
Haddock Gail47	Heinrich Julia60	HOLZENBERGER Martin65
Hafler David A.24	Hellings Niels16; 26; 27; 63; 69	Honig Lawrence25
Hagen Sabine I.48	Hellqvist Hedvig28	Hsiao Elaine Y.29
Haghighat Roxanna23	Hemmer Bernhard15; 62	Hsien Sophia29
Haile Yohannes58; 62	Hendricks Thomas36	Hsu Nai-Jen38
Halder Chandana72	Hendriks Jerome26; 52	Hsuchoua Hung37
Hamada Yukihiro24	Hendriks Jerome JA63	Hu Xiaoping49
Hamann Isabell50	Heneka Michael T67	Huang Jeffrey27
Hammond Matthew D30	Hensbergen Paul J.24	Huber Sally42
Hammond Matthew D.29	Heppner Frank45	Huijbers Maartje G.24
Han SungPil38; 47	Hermann Dirk M.48	Huizinga Ruth27; 67
Hancock Dale37	Hermanrud Christina38	Hunt Nicholas30
Harbo Hanne F14	Herndon Robert24	Huppert Julia55
Hardwicke Peter46	Hertenberg Deetje15	Hupperts Raymond15; 22; 52
Harms Ashley54	Hertzog Paul46	Huss David73
Harms Ashley S.44; 47	Herz Jasmin61	Hussain Mohammad20
Harris Robert48	Herz Josephine48	Hutchinson Eric29
Harris Violaine K.21	Heuer Luke48	I
Hart Prue H57	Hickey William26	Ielo Daniele39
Hartung Hans Peter69	Hidalgo Juan45	Ifergan Igal47
Hartung Hans-Peter20; 43; 50	Hillert Jan38; 51; 62	Iizuka Takahiro25
Hassan Rachel48	HIMURO KEIICHI71	Ijzerman Ad26
Hassanpour Masoud57	Hinson Shannon R.16	Ikeda Ken69



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Ikewaki Katsunori	24	James Tojo	43	Kalinke Ulrich	60
Ikezu Seiko	67	Janssens Kris	63	Kaliszewska Anna	26; 27
Ikezu Tsuneya	54; 67	Janssens Sophie	55	Kálmán Sára	29
Ilkjær Laura	44	Javed Adil	37	Kanai Tetsuya	71
Imboywa Selina	24; 26	Jayaram Bhavaani	37	Kangas Lauri	51
Ince P.G.	31	Jeanneau Karine	46	Kannarkat George	39; 67
Infante-Duarte Carmen	50	Jellinger Kurt	62	Kano Osamu	69
Inglese Matilde	19	Jenkin Graham	58	Kaplan Johanne	73
Ingold Barbara	45	Jenkins Brendan	37	Karabinskya Anna	39
Ingraham Kaitlin	67	Jennum Poul	63	Karabiyik Cansu	48
Ingwersen Jens	43	Jensen Jens	19	Karabudak Rana	41
Inoue Masashi	29	Jensen Morten S.	44	Karaca Ilker	65
Iorio Raffaele	16; 69	Ji Niannian	64	Karageorgiou Clementine	18
Ip Jacques	61	Jiang Lihua	15	Karamita Maria	63; 66; 71
Iraci Nunzio	58; 68	Jin Hulin	40	Karau Melissa	72
Irani Sarosh	75	Joffe Ronald	18	Karimi Leena	48
Ishigaki Yasuto	53	Johansson Emily M.	27	Karni Arnon	38; 39; 72
Ishikawa Yuichi	69	Johansson Jenny	51	Karrenbauer Virginija	38
Isik Nihal	23	Johnson Howard	41	Karrenbauer Virginija D.	21
Ito Hirono	69	Johnson Kory	21	Karussis Dimitrios	70; 75
Itskovich Elena	44	Johnson Trina A.	47; 55	Kasper Dennis	56
Ivaldi Federico	27	Joller Nicole	38	Kasper Lloyd	56
Ivanov Dmitry	45	Jones Joanne	24	Kassem Moustapha	66
Iwakura Yoichiro	51	Jones Paul	47	Kassis Ibrahim	70
Iwama Shintaro	22	Jones Raasay	50	Kastin Abba J.	37
Iwamoto Konosuke	69	Jongsma Marlieke L.	41	Kastrukoff Lorne	61
Iwasaki Yasuo	69	Jørgensen Katarina	21	Kato Nobuo	53
Iwasaki Yasushi	66	Jorissen Winde	26	Kato Takuya	22
Iyer Lakshmanan	36	Jucker Matthias	13	Kaufmann Daniel	23
Izumi Yuishin	66	Juknat Ana	73	Kavanagh Daniel	23
Izumida Hisakazu	22	Jung Kyeong Cheon	19; 25	Kawabe Kiyokazu	69
J		Jung Kyoungwha	31	Kawachi Izumi	41; 65
Jacobs Muazzam	38	Jung Steffen	17; 44	Kawaguchi Naoki	71
Jacobson Steve	19	Jurcovicova Jana	33	Kawai Eiichiro	49
Jacobson Steven	30; 68	K		Kawanokuchi Jun	51; 66
Jaffe Howard	19	K. Bedri Sahl	42	Kaya Derya	43
Jagessar Anwar	16; 71	Kafami Laya	72	Kebir Hania	22; 37; 47; 48
Jagodic Maja	18; 26; 27; 35; 38; 42; 43; 48; 63; 71	Kaida Kenichi	24	Keenan Brendan	15
Jagodic* Maja	42	Kaji Ryuji	24; 66	Keenan Brendan T.	27
Jalabi Walid	17	Kakita Akiyoshi	41; 65	Keenan, MS Brendan	25
		Kalchenko Vyacheslav	44	Keeton Roanne	38



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Index of Abstracts' Authors

Kellaway Lauriston38	Klinker Florian73	Krueger Monika45
Keller Andreas43	Klippstein Rebecca73	Krumbholz Markus65
Kelly Ronan50	Klooster Rinse24	Kruse Carla43
Kelly Ronan J.46	Klotz Luisa43	Kruse Martin57
Kemter Andrea28	Kneussel Matthias57	Kruse Torben63
Kennedy Lucy B.38	Knolle Percy43	Kubes Paul47
Kenwright Diane28	Ko Novie51	Kuchroo Vijay18; 59
Keough Michael63	Koch Linda45	Kuchroo Vijay K.40
Keough Michael B66	Koch-Henriksen Nils22	Kucuksezer Umut Can26
Kerr Bradley58	Kockum Ingrid62	Kuhlmann Christoph55
Kerr Bradley J.62	Koelink Pim29	Kuhlmann Tanja63
Kerschensteiner Martin14	Koivisto Susanne47	Kuipers Hedwich44
Kersemans Veerle62	Kokaia Zaal34	Kuipers Hedwich F36; 59
Ketzel Maya49	Komori Mika21	Kuja-Panula Juha69
Khademi Mohsen26; 48; 69	Komorowski Lars60	Kukurba Kimberly15
Khalid Bedri Sahl63	Kondo Kazuya24	Kulakova Olga20; 31
Khan Asif Manzoor66	Kondo Motanari68	Kulcsar Kirsten61
Khan Majid24	Kondova Ivanela44	Kumar Deepak40
Kharwar Rajesh Kumar72	König Rebecca52	Kumar Rajesh38
khorooshi Reza Mohammad H.27	Konno Shingo29	Kumar Sathish65
Khoury Samia20; 35; 59; 71	Kooi Evert-Jan43	Kunis Gilad44
Khoury Samia J.17; 73	Kooij Gijs16	Kurne Asli41
Khsheibun Rana21	Korkeaviita Jonna32	Kurschus Florian39; 59
Kidd Grahame17	Korn Thomas51; 62	Kursun Ayse23
Kieseier Bernd20; 43; 50	Körner Henrike59	Kurtuncu Murat18; 25
Kieseier Bernd C.53; 69	Kornum Birgitte R63	KURU UMIT62
Kim Ki-Wook17	Korolainen Minna A.53	Küry Patrick43
Kim Sung-Min19; 25	Korte Mechiel28; 29; 32	Kusmic Claudia67
Kim Sunhwa31	Korte-Bouws Gerdien32	Kusunoki Susumu24
Kim Yoo-Jin19	Kosa Peter21; 26	KUSUNOKI SUSUMU64
King Nicholas J. C.64	Kozela Ewa73	Kuwabara Satoshi71
King Nicholas J.C.61	Kramann Nadine72	Kuwahara Motoi24
King-Robson Josh16	Kraneveld Aletta28; 29; 32; 45	Kvist Anders43
Kipnis Jonathan75	Krauthausen Marius41	Kyrargyri Vasiliki63
Kitazono Hisao29	Kreft Karim57	L
Kitic Maja63	Kreft Karim L.41	La Flamme Anne28
Kitz Alexandra59	Krementsov Dimitry39	La Mantia Loredana31
Kivisakk Pia20	Krepska Amy24	Laaksonen Hannes63
Kiyota Atsushi22	Krichevsky Anna36	Labrador-Garrido Adahir64
Kiyota Tomomi67	Krivosija Nina35	Labunskiy Dmitriy48
Klinge Lars73	Krøigård Thomas44	Labuschagne Antoinette38



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Lachaud Christian C.	64	Lehmann-Horn Klaus	15	Linstow Christian Ulrich	46
Lai Wing Sun Sonia	32	Leib David	28	Lior Mayo	50
Lalan Saurabh	24	Leibovitch Emily	30	Lipka Alexander F.	24
Lam Hugo	15	Leite Maria Isabel	25; 45	Li-Pook-Than Jennifer	15
Laman Jon	16; 57; 71	Leland Corey	36	Lis Katharina	21
Laman Jon D.	41	Lennon Vanda	35; 75	Litzenburger Ulrike M.	22
Lamb Bruce	13	Lennon Vanda A.	16	Liu Jia	50
Lambertsen Kate Lykke	46; 48	Leocani Letizia	58	Liu Qingquan	27
LaMorte Michael	73	Leonardi Tommaso	58; 68	Liu Yumbo	23
Lancia Samantha	19	Leong Soo Yuen	55	LLOVERA GEMMA	64
Lane Tom	67	Leppert David	62	Yı	30
Lang Bethan	75	Leuenberger Tina	37	Lo Yungtai	53
Lanser Amanda	36; 48	Levy Hilit	27	Løbner Morten	69
Lantz Olivier	69	levy nitzan	49	Locatelli Giuseppe	45
Lanz Tobias V.	22	Lewitus Gil	49	Loda Eileah	37; 44
Lanzani Francesca	37	Li Endong	66	Lodetti Milioli Grazielle	52
Larochelle Catherine	48	Li Hongyan	30	Lodygin Dmitri	59
Laroni Alice	27	Li Hui	57	Lombardo Angelo	58
Larosa Maria del Pilar	18	Li Jianrong	53	London Anat	17; 44
Lasigliè Denise	39	Li Rui	18; 36	Lopes Carlos	25
Lassmann Hans	62; 63; 66	Li Shujuan	55	Lopes da Silva Sofia	32
Laterza Cecilia	58; 68	Li Yongzhi	53	Lopes Ramirez Miguel	16
Lau Allen	61	Li Zhilin	69	Lopez Alejandro	43
Lau Lorraine	63	Liau Linda	34	López Iciar	72
Lau Lorraine W	66	Liebenson David	44	Lopez-Enriquez Soledad	73
Laukotter Suzanne	62	Liebetanz David	73	Lopez-Ramirez Miguel Alejandro	16
Laurindo Cipriano Andreza	52	Lienenklaus Stefan	60	LoPresti Patrizia	71
Lavon Iris	68	Liggett Thomas	37	Lorenzi Julio Cesar Cetrulo	36
Lawrie Sarah	18	Liggitt Denny	52	Losen Mario	15
Lawson Robert	36	Lim Jihyeon	49	Lovato Laura	31
Lécuyer Marc-André	48	Lim Sue Ling	45; 61	Love Christopher	37
Lee Hyungtae	31	Limmer Andreas	43	Lovett-Racke Amy	39; 73
Lee Jae-Kyung	39; 67	Lin Chia-Ching	61	Lu Andy	37
Lee Joujin	18	Lin Youwei	39	Lu Haiyan	13
Lee Kwang-Woo	19; 25	Lindblom Rickard	42	Lucca Liliana E.	59
Lee Michelle	24; 26; 27	Linden Magdalena	63	Lucin Kurt	49
Lee Priscilla	39	Lindner Maren	18; 45	Luckey David	72
Lee Sarah	69	Linehan Eimear	27	Lühder Fred	39
Lee Sungho	13	Linington Christopher	18; 45	Luhmann Heiko	55
Lee Sunhee	49	Linker Ralf A.	65	Lundström Wangko	38
Lee Sunhee C.	53	Linker Ralf A.	30	Lunetta Christian	51





SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Index of Abstracts' Authors

LUNG SHYANG	49	Mari Hämäläinen	20	Mausberg Anne Kathrin	20
Luo Jian	68	Maric Dragan	68	Mausner-Fainberg Karin	38; 39; 72
Luo Ningling	72	Marinho Antonio	25	Mazengia Kibret	21; 60
Luthra Kalpana	38	Marino Franca	25	Mazmanian Sarkis K.	29
Lvovs Dmitrijs	20; 31	Marjamäki Päivi	47	Mc Guire Conor	39
Lyck Ruth	16; 47	Markovic Milos	21; 52	McBride Sara W.	29
Lykke-Hartmann Karin	63	Marnetto Fabiana	21	McCabe Cristin	24; 25
Lynch Marina	46; 50	Marøy Tove	21	McCabe Joseph	23
Lynch Marina A	50	Marti Alessandro	69	McClaine Elizabeth	71
Lynch Marina A.	46	Martin Nellie Anne	48	McCombe Pamela	50
Lyons Anthony	46	Martinelli Comim Clarissa	44	McCormick Matt	68
M		Martinelli Vittorio	20	McCracken Lindsey	25
M. Khorrooshi Reza	70	Martinez Nicholas E	49	McCullough Louise	64; 73
Ma Li	49	Martinez Terina N	49	McDonald Courtney	58
Maccarrone Mauro	58	Martinez-Forero Ivan	70	McGavern Dorian	13
Machado Gisele F.	50	Martinez-Hernandez Eugenia	25	McGavern Dorian B.	61
Mack Matthias	44	Martinez-Martinez Pilar	15	McGregor Iain	30
Mackenzie Rachel	18	Martinez-Pasamar Sara	70	McLean Anna	23
Macongond Ernesto Antonio	44	Martino Gianvito	20; 31; 46; 58; 68; 75	Mechelli Rosella	18; 69
Mader Simone	63	Martins Maria de Fátima	32	Medico Enzo	31; 65
Maggi Pietro	30	Martins Silva Ana	25	Meergans Matthias	25
Magnani Giuseppe	20	Marventano Ivana	41; 51	Mehta Veela	73
Magni Anna	28	Marx Alexander	25	Meinl Edgar	65
Magnus Tim	20	Marzano Valeria	31	Melamud Luciana	19
Maier Olaf	66	Masliah Eliezer	49	Melamud Luciana Irina	18; 23
Maier Wolfgang	28; 43; 65	Masrori Shamakha Peggy	24	Melchiorri Loredana	40
Mailleux Jo	26	Massollo Michela	67	Melli Giorgia	65
Main Bevan	53	Massoud Raya	68	Melo Guilherme D.	50
Maingat Ferdinand	61	Mastroeni Diego	49	Menegon Andrea Domenico	46
Mair Florian	49	Mastrolia Vincenzo	57	Menge Til	43
Makosch Gregor	73	Matsui Makoto	53	Mengod Guadalupe	27
Male David	43	MATSUI Makoto	72	Menigoz Aurélie	57
Male David K.	16	Matsui Naoko	24; 66	Menon David	24
Malipiero Ursula	28	Mattei Gianluca	18	Menon Ramesh	31
Mallard Carina	29	Matthews Ian	18	Mercer Tim	68
Mangalam Ashutosh	72	Mattick John	68	Mercer Tim R.	58
Mankowski Joseph	29	Mattick John S.	58	Meregalli Cristina	28
Manning-Bog Amy	51	Matute Carlos	72	Merkler Doron	28; 57
Mansell Ashley	46	Maur Damian G	63	Merky Patrick	69
Mantino Davide	38	Mausberg Anne	50	Merlini Arianna	58; 68
Marcelino Danielle	52	Mausberg Anne K.	53; 69	Mes Steven W.	41



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Messit Timothy	71	Miyamoto Kazuyuki	51	Murugaiyan Gopal	26
Metcalf Pate Kelly	29	Miyazaki Yusei	18; 36	Musallam Alexander	20
Metselaar Josbert M.	73	Mizee Mark	16	Muschaweckh Andreas	62
Meuth Sven G.	22	Mizuno Tetsuya	28; 51; 66	Musella Alessandra	58
Mevorach Dror	42	Mohammad Mohammad G	57	Musio Silvia	31; 43; 46
Mexhitaj Ina	24; 26	Moilanen Eeva	20	Mutlu Melike	25
Meyer Wolfgang	60	Möller Steffen	42	Muylaert David	39
Meyer zu Horste Gerd	50	Mollik Md. Ariful Haque	33; 72	Muzio Luca	46
Meyer zu Hörste Gerd	69	Molnarfi Nicolas	64	Myers Matthew	23
Mias George	15	Monsonago Alon	49; 65	Myhr Kjell-Morten	21
Michael Gregory J.	16	Moore Craig	36	Myhre Christa L.	44
Mignot Emmanuel	63	Moore Craig S.	43; 47; 55	N	
Migone Thi-Sau	71	Morando Sara	39	N'Diaye Marie	38
Miguel Zurine	33	Moratz Chantal	23	Nadeau Meghan	40; 73
Mikesell Robert	30	Mørch Marlene	27	Nagaoka Tetsuro	69
Mikesell Robert J.	19	Moreira Ana Paula	44	NAGAYAMA Shigemi	72
Milanese Clara	31	Moreno Beatriz	70; 72	Nagels Guy	27
Mildner Alexander	43	Morgan Mary E.	45	Nägerl U. Valentin	14
Milikovskiy Dan	49	MORIGUCHI KOTA	64	Naismith Robert J.	19
Miller Ariel	21	Moscato Emilia	64	NAKANISHI Megumi	72
Miller Omer	17	Mosely Angelina	57	Nakkestad Hanne Linda	21
Miller Stephen	37	Mosher Kira	49	Nalbantoglu Mecbure	22; 23
Miller Stephen D.	30; 52	Moshkova Marina	38	Natarajan Renuka	20
Mills Kingston	57	Mosleth Ellen	21	Natrajan Muktha	27
Millward Jason	50	Mostarica - Stojkovic Marija	52	Navone Nicole D.	36
Milosevic Vanja	32	Mostarica Stojkovic Marija	21	Nayani Nausheen	32
Minari Nicoletta	21	Mostoslavsky Raul	39	N'diaye Marie	27
Minna Raunio	20	Motanic Kelsey	30	Neefjes Jacques	41
Minogue Aedin	50	Moussa Leon	58	Neitzert Kim	65
Minten Carsten	64	Moxey Nancy	71	Nejad Parham	20
Minter Myles	46	Mueller Andre	19	Nelson Patricia	30; 52
Mir Anis K	46	Mueller Susanne	50	Nelson Patricia A.	54
Mirnic Károly	29	Mullali Gizem	57	Nelson Patsi	64
Mishra Manoj	64	Müller Christina	65	Nemoto Yuko	71
Mishra Pramod	37	Müller Marcus	41; 61	Nencioni Alessio	39
Misirliyan Héroum	36	Müller Matthias	69	Nessler Stefan	72
Misu Tatsuro	63	Müller Werner	59	Neumann Jens	52
Mitsdoerffer Meike	18	Murata Kiyoko	69	Newcombe Jia	65
Mittelbronn Michel	22	Murata Miho	39	Ni Ting	21
Miura Ken	69	Murphy Niamh	50	Nielsen Helle H	61
MIYAMOTO KATSUICHI	64	Murray Joseph	72	Niks Erik H.	24



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Index of Abstracts' Authors

Nilsson Olov	28	Op 't Eijnde Bert	27	Parvathreddy Naresh	46
Nishizawa Masatoyo	41; 65	Opitz Christiane A.	22	Pasini Erica	44
Nitsch Robert	65	Opitz Thoralf	52	Pasquali Matheus	67
Nociti Viviana	69	Orent William	35; 59	Patanella Agata Katia	69
Noçon Aline L.	61	Ormhøj Maria	48	Patel Anita	64; 73
Noda Hiromi	51	Ortler Sonja	25	Patel Jilpa	37; 44
Noda Mariko	66	Ortlieb Andre	18; 35; 42	Patel Robin	72
Nomura Yoshiko	24	Ortlieb Guerreiro Cacaïs André	63	Paterka Magda	37
Nosov Michail	59	Ortlieb Guerreiro-Cacaïs Andre	27; 42	Paterka Magdalena	57
Noubade Rajkumar	39; 41; 42	Ortstädt Birthe	53	Patrone Franco	39
Novelli Francesco	70	Osswald Matthias	22	Patterson Paul H.	29
Nuyts Amber	27	Otsu Kinya	39	Paul Amber M.	40
Nyirenda Mukanthu	51	Ott Martina	72	Paul Friedemann	50
O		Otte David M.	43	Pawlowski Joseph	21
Obermeier Birgit	15	Ottoboni Linda	15; 26; 35	Payne Natalie	58
O'Brien Caitlin	49	Oturai Annette Bang	22	Pedotti Rosetta	31; 43; 46
O'Brien Kate	38	Ousman Shalina	47	Peferoen Laura	40
Ö		Ousman Shalina S.	32	Peferoen-Baert Regina	40
Öckinger Johan	35; 42	Ouyang Suidong	37	Pender Michael	63
O		Ovadia Haim	47; 70	Peng Haiyan	66; 73
Odoardi Francesca	59	Owen Emily	25	Peng Xiaoyu	64
O'Ferral Erin	37	Owens Trevor	27; 69; 70	Penman Alan	24
OFLAZER PIRAYE	42; 70	P		Pens Gelain Daniel	67
Oh Luke	71	Pacheco Rodrigo	64	Pereira Miguel Samantha	67
Oh Unsong	68	Pacheco Yovana	23	Perez-H Jose de Jesus	66
Ohara Kenji	51	Palermo Antonia	18	Perez-Tamayo Ruy	66
Ohigashi Izumi	24	Palmer Theo D.	36; 59	Perga Simona	21; 36
Ohtaki Hirokazu	51	Pan Weihong	37	Perry Justin S.A.	38
Oiso Yutaka	22	Panagaki Theodora	45	Perry V Hugh	52
Ojala Johanna O.	51; 53	Papenfuss Tracey	73	Peruzzotti-Jametti Luca	58
Okamoto Tomoko	39	Paperna Tamar	21	Petermann Franziska	51; 62
Oki Shinji	70	Parada Luis F.	65	Peters Anneli	59
Olah Marta	17; 73	Parajuli Bijay	28; 66	Petit Geraldine	48
Olivier Berend	29; 32	Parent Jack M.	72	Petronilho Fabricia	52; 67
Olsson Tomas	18; 26; 27; 35; 38; 42; 48; 51; 62; 63; 69; 71	Park Jeong-Soo	68	Petrou Panayiota	70
Olsson* Tomas	42	Park Kyung Seok	19; 25	Pfeiffer Steven	40
Omura Seiichi	49	Parks Becky J.	19	Pfizenmaier Klaus	66
Onorati Marco	58	PARMAN YESIM G.	70	Pförtner Ramona	72
Oosting Ronald	45	Parratt John	18	Pfueller Caspar	50
Oostra Ben	57	Parsa Roham	26	Phares Timothy	16
		parsons Thomas	64	Piancone Federica	41; 51



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Piazza Fabrizio	37	Prinz Marco	28; 39; 43	Raveney Ben	70
Piccio Laura	19; 30; 36	Probert Lesley	63; 66; 71	Rawlings Crystal A.	35
Piedavent Melanie	40	Probst Christian	60	Rees Smith Bernard	18
Piehl Fredrik	26; 42; 48	Prozorovski Timour	43	Regen Tommy	55
Pieron Luisa	31	Pryce Gareth	16	Reich Daniel	30
Pierson Emily	19	Puentes Fabiola	67	Reich, MD, PhD Daniel	25
Pinheiro Melissa	16	Püntener Ursula	52	Reichardt Holger	39; 59
Pinto da Luz de Oliveria Evandro	53	Pusch Stefan	70	Reichardt Holger M.	29
Piras Eleonora	69	Q		Reick Christiane	30; 65
Pires da Cunha Andre	26; 38	Qiu Jiaheng	61	Reijkerk Arie	16; 67
Pirttilä Tuula	51; 53	Quattrini Angelo	58	Reindl Markus	63
Piscosquito Giuseppe	37	Quevedo João	44; 67	Reiðig Sonja	39
Pitt David	62	Quintana Francisco	26	Ren Zhihua	37
Pittman Quentin J.	32	Quintana Francisco J.	40; 50; 73	Renauld Jean-Christoph	39
Pittock Sean J.	16	Quo Vadis	30	Rettori Valeria	63
Pivarsci Andor	43	Qvale Tor H.	21; 60	Reyes-Irisarri Elisabet	67
Plantone Domenico	69	R		Reymann Klaus G.	52
Platten Michael	22; 34; 70	Raasch Jennifer	43	Rice Kelly	29
Pluchino Stefano	58; 68; 75	Rabinovich Gabriel	56	Richard Jean-François	23
Podda Giulio	51	Racke Michael	73	Ricigliano Vito A.G.	18
Poggi Alessandro	39	Raicher Irina	37	Ridolfi Elisa	36
Pohl Maria	63	Raj Divia	65	Riek Kerstin	50
Poirier Josée	48	Raj Towfique	24	Riek-Burchardt Monika	52
Policano Claudia	18; 61	Rajasekharan Sathy	18	Rietdijk Carmen	28
Politis Panagiotis	18	Rajewsky Klaus	39	Rietsch Anna	13
Polyak Maria J.	40	Raman Chander	47	Rigolio Roberta	28
Pongs Olaf	57	Ramic Zorica	21; 52	Rimmerman Neta	73
Popadic Dusan	21; 52	Ramil Elvira	68	Rincon Mercedes	39
Poppensieker Karola	28; 43	Ramos Espiridion	66	Rinne Juha	47
Porat Ziv	73	Ramsbottom Michael	30	Rist Julia	17
Posadas Inmaculada	72	Randall Philippa	38	Ristori Giovanni	18; 69
Poulas Konstantinos	30	Rangachari Manu	40	Ritz Beate	61
Power Christopher	17; 40; 61	Ransohoff Richard M.	13	Ritzel Rodney	64; 73
Pozo David	64; 73	Rapp Neville S.	19	Rizzo Roberta	28; 40
Pradhan Suraj	51	Rasouli Javad	40	Roberts Bruce	73
Prado Carolina	64	Raspotnig Margrethe	60	Robinson Andrew P.	30
Prager Sebastian	29	Ratnayake Ayomi	46	Rocca Mara	20
Prat Alexandre	22; 37; 41; 47; 48	Ratzer Rikke	18; 31	Rodgers Jane M.	30; 52
Pravica Vera	21; 52	Rauschka Helmut	62	Rodriguez Moses	72
Prazeres da Costa Olivia	45	Rauvala Heikki	41; 49; 69	Roesler Romy	22
Prins Marloes	54	Rauw Gail	62	Rogers Joseph	49



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Index of Abstracts' Authors

Rohrbach Janine	23	Saeed Hamid	66	Sayat Guliz	41
Rolla Simona	70	Safavi Farinaz	40	Scalzo Anthony	61
Román Vega Laura	68	Saft Carsten	30; 65	Schäfer Julia	16
Romano Silvia	18	Sagan Sharon	30; 64	Schattling Benjamin	20; 57
Romero Ignacio	16; 43	Sage Peter	23	Schaub Christina	52
Romero Ignacio A.	16	Sahm Felix	22; 70	Schavemaker Suzanne	28
Romm Elena	21; 26; 47	Saint-Laurent Olivia	17; 48	Scheffler Matthias	43
Romme Christensen Jeppe	18; 31	Saiz Albert	60	Scheller Juergen	45
Ronken Eric	16	Saji Etsuji	41; 65	Schembri Laura	25
Roodveldt Cintia	64	Sajic Marija	57	Schenk W. Brad	36
Rosato Pamela	28	Sakaguchi Hideya	37	Scheu Stefanie	28; 43
Rose-John Stefan	37; 45	Sala Barbara	28	Scheurich Peter	66
Rosenfeld Myrna	25	Salgado Alan D.	47	Schläger Christian	59
Rosenkrantz, MS Laura	25	Salie Sumayah	38	Schlager Gerald W.	29
Rosenzweig Neta	17; 44	Saligrama Naresha	41; 42	Schlakman Bruce	24
Rossi Silvia	58	Salminen Antero	51; 53	Schmid Sonja	61
Rostami Abdolmohamad	35; 40	Salveti Marco	18; 69	Schmidt Christian	66
Rothamel Katherine	24	Sambuceti Giammario	67	Schmidt Jens	32; 73
Rothhammer Veit	62	Samukawa Makoto	24	Schmidt Kim	28
Rotola Antonella	28; 40	Sánchez Antonio José	68	Schmidt Maria-Louise Bergholdt	48
Rouwette Myrthe	22	Sanchez Maria Victoria	72	Schmitz Matthias	66
Rovaris Marco	41; 51	Sanchez-Guajardo Vanesa	67	Schneider Julie	15
Rowse Amber L.	47	Sansing Lauren H.	30	Schneider Raphael	41
Roy Monica	23	Sansing Lauren H.	29	Schnorr Joerg	50
Rud Erling	61	Santarelli Francesco	67	Schuhmann Michael	22
Ruffini Francesca	58; 68	Santos Ernestina	25	Schultz Kimberly	62
Ruggieri Serena	69	Saoudi Abdelhadi	42	Schulze-Toppoff Ulf	52; 54
Ruhrmann Sabrina	26; 27; 35; 43	Sapolsky Robert	33	Schumacher Theresa	70
Ruitenber Marc J.	45	Saresella Marina	41; 51	Schumak Beatrix	28; 43
Ruittala Elisa	47	SARUHAN DIRESKENELI GUHER	42	Schürmann Britta	43
Ruiz Francieli Silva	33	SARUHAN-DIRESKENELI GUHER	62; 70	Schwartz Michal	17; 34; 44
Ruiz-Mar Gabriela	66	Saruhan-Direskeneli Güher	30	Schweigert Augusto	50
Rumble Julie	28	Sathiyadan Karthik	23	Schweingruber Nils	39
Ruocco Gabriella	70	Sato Astushi	51	Schwemmle Martin	61
Ryffel Bernhard	38	Sato Fumitaka	49	Scolnik Mariano	71
S		Satoh Jun-ichi	42	Scranton Victoria	73
Sabater Lidia	60	Savic Emina	21; 52	Sebastian Carlos	39
Sack Ingolf	50	Savoardo Mario	37	Sebesho Boipelo	38
Sadeghian Mona	57	Sawai Setsu	19	Segal Benjamin	28
Sadiq Saud	19	Sawcer Stephen	35	Séguéla Philippe	55
Sadiq Saud A.	21	Sawchenko Paul E	57	SEHITOGLU Elcin	18, 20



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Sela Michael	.71	Simpson J.E	.31	Spencer Collin M.	.54
Selleberg Finn	.18	Simpson Julie E.	.16	Sperling Bjørn	.71
Sellebjerg Finn	.22; 31	Sindic Christian	.22	Vamvakas Sotiris ‐	.71
Sen Ganes C	.17	Singh Hargurinder	.38	Srinivasan Shanthi	.28
Seneca Nicholas	.62	Singh Jasbir	.38	Standaert David	.54
Seraceni Silva	.40	Sizonenko Stéphane	.29	Standaert David G.	.44; 47
Seraguci Túlio F.	.50	Skeen Mark	.68	Steelman Andrew	.53
Sessa Maria	.58	Skelton Kockum Ingrid	.63	Stefoski Dusan	.37; 44
Shafiuddin Siddiqui	.36	Skurlova Martina	.33	Steinbach Karin	.40; 57; 70
Sharpe Arlene	.23	Slaets Helena	.63	Steinman Lawrence	.36; 59
Sharrack B	.31	Slavin Anthony	.64	Stellwagen David	.49
Sharrack Basi	.16	Smith 3rd Roger	.53	Stettner Mark	.53; 69
Sharrack Basil	.43	Smith Amy M	.52	Stiedl Oliver	.54
Shatz Carla	.13	Smith Kenneth	.57	Stinissen Piet	.15; 22; 26; 27; 52; 63; 69
Shchur Sergey	.31	Smith Nicola	.32	Stöcker Winfried	.60
Shechter Ravid	.17	Snyder Michael	.15	Stoeck Katharina	.66
Shestopalov Valery I.	.45	Sobel Raymond	.30; 59	Stofkova Andrea	.33
Shetty Aparna	.52; 64	Sobel Raymond	.64	Stohlman Stephen	.16; 17
Shi Samuel	.73	Sobottka Bettina	.45	Stohlman Stephen A	.17
Shioda Seiji	.51	Soelberg Sørensen Per	.18	Stone Sarabeth	.28
Shiozaki Yu	.24	Soldatos Ariane	.19	Storstein Anette	.21; 60
Shoshan-Barmatz Varda	.73	Soldner Claudia	.60	Stranger Barbara	.24
Shpargel Karl	.17	Solin Olof	.47	Stridh Pernilla	.18; 35; 42
SHRIVASTAVA KALPANA	.64	Solis Mayra	.36	Stroebe Philipp	.25
Shugaiv Erkingul	.18, 25	Somers Klaartje	.22; 52	Stroud Robert M.	.54
Shukla Pradeep	.21	Somers Veerle	.15; 22; 52	Stys Peter	.56
Siatskas Christopher	.58	Sommer Claudia	.32	Sugimura Yoshihisa	.22
Siddiqui Shafiuddin	.70	Søndergaard Helle Bach	.22; 31	Suh Hyeon-Sook	.53
Siders William	.73	Song Dandan	.51	Sukurova Lejla	.26
Sie Christopher	.59	Sonobe Yoshifumi	.28; 51; 66	Sullivan John	.24
Siffrin Volker	.37	Sørensen Per Soelberg	.22; 31	Sun Guizhi	.58
Siffringer Marco	.29	Sosa Rebecca	.53	Sundqvist Emilie	.62
Silva Afonso	.30	Soto Paul	.29	Sundström Peter	.62
Silva Claudia	.37; 64	Soulika Athena	.48	Supic Gordana	.43
Silva Generoso Jaqueline	.44; 52	Soysal Aysun	.23	Surette Michael G.	.61
Silva José E. S.	.50	Spagnuolo Paola	.25	Sürücü Oguzkan	.60
Silva Jr Wilson Araújo	.36	Spath Sabine	.53	Suter Tobias	.28
Silva Vuolo Francieli	.67	Specht Sabine	.28	Sutinen Elina M.	.51; 53
Simmons Sarah	.52; 56	Spencer Brian	.49	Suuronen Tiina	.51
Simó-Castelló María	.15	Spencer Collin	.30	Suzuki Hidekazu	.24



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Index of Abstracts' Authors

Suzumura Akio	28; 51; 66	Tedeschi Helder	53	Tovey Michael	60
Svenningsson Anders	48	Teeling Jessica L	52	Toyoshima Yasuko	65
Szymkowski David E.	48	Tegla Cosmin	22	Toyosima Yasuko	41
T		Teixeira Antonio Lucio	44; 52	Tracey Kevin	67
't Hart Bert	16; 71	Teixido Meritxell	72	Trakas Nikolaos	30
Tabata Hiromitsu	28	Teneud Luis	58	Trapp Bruce	17
Tabatabaei Shafiei Mahdiah	32	Tenorio Gustavo	62	Trifilieff Elisabeth	29; 71
Tabunoki Hiroko	42	Teocchi Marcelo Ananias	53	Trigg William	47
Tackenberg Bjoern	54	Terouz Simone	17; 47	Truong Dieu Ruthe	27
Tagliavini Fabrizio	37	Terry Rachael	61; 64	Tsai Vicky WW	57
Tahrili Ilhan	26	Terzi Murat	23	Tsareva Ekaterina	20; 31
Takada Kazuo	24	Teuscher Cory	39; 41; 42	Tseveleki Vivian	73
Takagami Tsutomu	53	Thessen Hedreul Melanie	42	Tsumuraya Tomomi	51
Takagi Hiroshi	22	Thessén Hedreul Mélanie	35	Tsunoda Ikuo	49
Takahama Yousuke	24	Thewissen Kristof	27	Tsutsui Mio	32
Takahashi Hitoshi	65	Thies Edda	57	Tue Berg Carsten	27
Takahashi Hitsohi	41	Thomas Caitlin B.	44	Tugal-Tutkun Ilknur	25
Takahashi Satoru	49	Thomas Tobias	54	Tumani Hayrettin	22
Takahashi Yukitoshi	66	Thomassen Mads	63	Turan Selin	18; 30
Takazawa Takanori	69	Thome Aaron	54	Turner Michael J.	73
Takei Fumio	61	Thompson Sara	24	Tutlam Nhial	19
Takeuchi Hideyuki	28; 51; 66	Thomson Carolyn	54	Tuzun Erdem	25; 30
Takeuchi Seiji	22	Thornell Anders	51	TUZUN Erdem	18; 20
Tamborino Carmine	40	Thyagabhavan Mony Jyothi	70	Tzartos Socrates	30
Tanaka Keiko	53	Tian Li	41; 49; 69	U	
Tanaka Masami	53	Tiede Stephan	60	Uccelli Antonio	27; 31; 39; 67; 75
TANAKA NORIKO	64	Tietz Silvia	54	Ü	
Taneja Veena	72	Tilleman Kelly	33	Üçeyler Nurcan	32
Tang Anna	15; 35	Timmerman Vincent	55	U	
Tang Hua	15	Timonen Anne	51	Uchibori Ayumi	23; 26
Tansey Malu	67	Titulaer Maarten	25	Ufer Friederike	57; 70
Tansey Malu G.	39	Titulaer Maarten J.	24	UGUREL Elif	18; 20
Tarassishin Leonid	49	Toft-Hansen Henrik	44; 69	Uhlein Lindsey	13
Tardent Heidi	23	Tola Maria Rosaria	40	Ulusoy Canan	18; 30
Taupitz Matthias	50	TOLY-NDOUR Cecile	65	Umeton Renato	18
Taveggia Carla	58	Tong Jade	37	Urbani Andrea	31
Taylor Juliet	46; 53	Too Lay Khoon	30	Urshansky Natali	39
Taylor Roslyn A.	30	Tortorella Paola	41; 51	Uygunoglu Ugur	26
Taylor Roslyn A.	29	Tosevski-Troglic Ivana	28	UYSAL SERAP	62
Taylor Stephen M	45	Totland Cecilie	60		



SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology

**V**

Vaknin-Dembinsky Adi	.70	Vedeler Christian A.	.21; 60	Wagner Susanne	.50
Vallières Luc	.23	Veening Jan	.32	Waisman Ari	.13; 39; 43; 45; 55; 59; 62
Vamvakas Sotiris-Spyros	.66	Velez de Mendizabal Nieves	.70	Wajant Harald	.66
van Dam Anne-Marie	.54	Vennekens Rudi	.57	Waldo Zuardi Antono	.44
van de Looij Yohan	.29	Verbeek Marcel	.43; 52	Wall Emma	.42
van den Brandt Jens	.29; 59	Verbeek Marcel M.	.22	Wallace Euan	.58
van den Elsen Lieke	.32	Verderio Claudia	.20; 31	Waller R.	.31
van den Elsen Peter	.44	Verdugo Manuel Garcia	.58	Walsh John G.	.17
Van den Haute Chris	.63	Vernon Patty	.62	Walter Jochen	.65
van der Kam Elizabeth	.16	Verschuuren Jan J.	.24	Wang Qian	.51
van der Maarel Silvere M.	.24	Verschuuren Jan J.G.M.	.24	Wang Xu	.55
van der Putten Céline	.17; 26; 44	Vestweber Dietmar	.47	Wang Yan	.37; 44
van der Star Baukje	.40; 67	Veth Jennifer	.26	Wang Yuping	.37
van der Valk Paul	.17; 40; 44; 67	Viani Flávio Cesar	.32	Wanke Florian	.59
van Dijk J. Gert	.24	Viard Maxime	.54	Warnke Clemens	.69
van Doorn Ruben	.16	Vigo Tiziana	.31	Warren René L.	.61
van Eggermond Marja	.44	Vilisaar Janek	.54	Waters Patrick	.25; 45
van Horssen Jack	.16; 17; 52	Villa Andres	.19	Weber Martin	.64
Van Loo Geert	.39	Villa Andres Maria	.18; 23	Weber Martin S.	.15
van Loo Karen	.52	Villacampa Nadia	.64	Wegner Christiane	.72
van Luijn Marvin M.	.41	Villacampa-Pérez Nàdia	.54	Weiner Howard	.20; 26; 36; 38; 48; 60; 71; 73
van Meurs Marjan	.41; 57	Villar Luisa M.	.15; 22	Weiner Howard L.	.27; 50; 70
van Noort Hans	.40	Villar Luisa M.	.15	Weir Marion	.42
van Noort Johannes	.26	Villeda Saul	.68	Weiss Siegfried	.60
Van Pesch Vincent	.22	Villoslada Pablo	.70; 72	Weissberg Itai	.49
van Steenberghe Mies	.26	Vincent Angela	.45; 75	Wekerle Harmut	.15
Van Steendam Katleen	.33	Virtanen Jussi Oskari	.19	Wekerle Hartmut	.56
van Straalen Linda	.17; 44	Vister Jeroen	.36; 59	Weller Charlotte	.73
Van Tendeloo Viggo	.27	Vogel Daphne	.54	Weller Michael	.34
van Wezel Richard	.28	Vogel Zvi	.73	Welsh C. Jane	.53
Van Wijmeersch Bart	.15; 52; 69	Vogelaar Christina F.	.65	Wermuth Lene	.61
Vandenbroeck Koen	.20; 31	Volkovitz Anat	.21	West Mark J.	.44
Vanotti Sandra	.19	Volpi Claudia	.38	Westmoreland Susan	.30
Vanotti Sandra Ines	.23	vom Berg Johannes	.67	Weymar Anna	.20
Vanwijmeersch Bart	.22; 27; 63	von Deimling Andreas	.70	Wharton S.B.	.31
Varnum Megan M.	.67	Von Korff Alina	.15; 25; 26	Wheatley B. Matt	.61
Varrin-Doyer Michel	.30; 52; 54; 64	Vrolix Kathleen	.15	Wick Wolfgang	.22; 70
Vartak Neha	.54	Vuolo Francieli	.52	Wieghofer Peter	.39
Varvel Nick	.13	VURAL Burcak	.18, 20	Wierenga-Wolf Annet	.57
Vedeler Christian	.21; 60	W		Wierenga-Wolf Annet F.	.41
		Wabl Rafael	.68	Wiese Stefan	.30





SCIENTIFIC PROGRAM

11th International Congress of Neuroimmunology



Index of Abstracts' Authors

Wilcox Nick25	Yamasaki Ryo13	Zhang Moses46; 53
Willekens Barbara27	Yan Gan73	Zhang Xingmei42
Williamson Jackie37	Yan Jun50	Zhang Yaxin73
Willing Anne40; 70	Yan Shuai30	Zhao Meng-Liang53
Willison Hugh75	Yanagawa Kaori41; 65	Zhu Bing17; 73
Wimmer Isabella63	Yang Yuhong39; 73	Zhu Chen40; 73
Wingerath Britta43	YAPICI ZUHAL62	Zhu Jie55
Winkler Frank22	Ydens Elke55	Zhu Jun21
Wirenfeldt Martin44	YENTUR SIBEL P.62	Ziemssen Tjalf25
Woertge Simone45	Yeste Ada40; 73	Zimmer Andreas28; 43; 65
Wohler Jillian30	Yilmaz Abdullah26	Zimmermann Julian41
Wolburg Hartwig16	Yilmaz Murat60	Zimmermanns Julia29
Wolff Marshal47	YILMAZ VUSLAT42; 70	Zindler Eva37
Wolffram Kathleen20; 53	Yoh Keigyou49	Zink M. Christine29
Wong Connie46; 47	Yokoseki Akiko41; 65	Zipp Frauke37; 57
Wong Grace62	Yong V Wee66	Zorrilla Zubilete Maria A63
Woodbury Maya54	Yong V. Wee37; 63; 64	Zschuentzsch Jana73
Woodhall Mark25; 45	Yong Voon Wee37	Zuiderwijk-Sick Ella17; 26; 44
Woodroffe M.N31	Yoon Jane36; 59	
Woodruff Trent M45	You Xiaojun71	
Wörtge Simone55	Young Andrew48	
Wu Celina L.55	Yovel Gili17	
Wu Chuan73	Yuasa Tatsuhiko66	
Wu Dongsheng16	Z	
Wu Henry38	Z. Adzemovic Milena48	
Wu Xiaojun37	Z. Adzemovic* Milena71	
Wu Yuan-Ju61	Zaffaroni Mauro25	
Wuerfel Jens50	Zamvil Scott30; 64	
Wuest Simone24	Zamvil Scott S.14; 15; 52; 54	
Wuest Simone Christiane26	Zanette Dalila Luicila36	
Wuolikainen Anna48	Zayoud Morad39	
Wyss-Coray Tony49; 68	Zeitelhofer Manuel48	
X	Zeitelhofer* Manuel71	
Xia Zongqi27	Zerr Inga66	
Xia, MD, PhD Zongqi25	Zeydan Burcu22	
Xiao Sheng40; 73	Zha Ji60	
Xie Dan15	Zhang Guang Xian40	
Xie Rui Dan64	Zhang Guang-Xiang51	
Xu Quangang38	Zhang Helen72	
Y	Zhang Hongliang55	
Yamamura Takashi39; 70	Zhang Monan Angela38	

Organising Secretariat



EEM International Congress Services
www.eemservices.com

13TH ESNI COURSE

ESNI2013PORTO

July 3rd – 6th 2013

www.esni.org

TOPICS

Day 1 to day 3:

- How to achieve success in clinical and laboratory research in neuroimmunology
- The influence of age, ethnicity and environment in neuroimmunology
- New immunomodulatory treatments for MS: from the pharma lab to the patients
- Neuroimmunology and eyes / vision, cognition and behaviour, and systemic autoimmune diseases
- Imaging and neuroimmunological diseases
- Translational research: research questions

Day 4:

- Students' presentations
- Career and funding opportunities

*See you in Porto,
Portugal!*

LOCAL ORGANIZERS

Maria José Sá, MD, PhD

Senior Neurologist, Department of Neurology
Hospital de S. João, Porto
Associate and Aggregate Professor of Neurology
Faculty of Health Sciences, University Fernando Pessoa,
Porto

Maria Isabel Leite, MD DPhil

Honorary Consultant Neurologist
Senior Clinical Researcher Fellow
Nuffield Department of Clinical Neurosciences
University of Oxford

Ordem dos Médicos

Rua Delfim Maia, 405. 4200 Porto

Logistics & organization by: www.eemservices.com



12th International Congress of Neuroimmunology



14th ESNI COURSE
European School of Neuroimmunology

Johannes Gutenberg University



Germany *October 2014*

