



XXVI AINI Congress and 16th ESNI Course

Preliminary Program

San Servolo, Venice, Italy

June 26-30, 2017

MONDAY, JUNE 26 – AINI CONGRESS

MORNING

Arrival and registration

AFTERNOON

Chairs: Antonio Uccelli and Giovanna Borsellino

14.00-14.15 **Welcome Address**

14.15-15.00 **Therapeutic plasticity of neural stem cells**

Gianvito Martino (*San Raffaele Hospital, Italy*)

15.00-16.00 4 Oral Presentations

16.00-16.30 Coffee Break

16.30-17.15 **The extracellular matrix as regulators of neuroinflammation**

Lydia Sorokin (*University of Münster, Germany*)

17.15-18.00 4 Oral Presentations

18.00-18.45 **The extracellular matrix as regulators of myelin repair**

V. Wee Yong (*University of Calgary, Canada*)



TUESDAY, JUNE 27 – AINI CONGRESS

MORNING

Chairs: Cinthia Farina and Clara Ballerini

- 09.00-09.45 **Brain repair and inflammation**
Veronique Miron (*University of Edinburgh, UK*)
- 09.45-10.30 4 Oral Presentations
- 10:30-11:00 Coffee break
- 11:00-11:45 **Disease genes in FTL and neurodegeneration**
Eric Huang (*University of California San Francisco, USA*)
- 11.45 – 13.00 4 Oral Presentations
- 13.00-14.30 Lunch

AFTERNOON

Chairs: Diego Centonze and Marco Salvetti

- 14.30-15.15 **TAM receptors mediated regulation of microglia**
Greg Lemke (*The Salk Institute, USA*)
- 15.15-16.30 4 Oral Presentations
- 16.30-17.00 Coffee Break
- 17.00-17.30 Scientific Quiz
Chairs: Cinthia Farina and Nicola Woodroffe
Teams of AINI-ESNI students from different countries will compete on the reviews provided by us before the course and dealing with the topics of the course
- 17.30-19.00 Poster Session
Chair: Francesco Ria
Snapshot posters to be selected



WEDNESDAY, JUNE 28 – ESNI COURSE

MORNING

MICROBIOTA, BRAIN AND IMMUNITY

Chairs: Gianvito Martino, Hugh Willison and V. Wee Yong

- 09.00-09.45 **Microbiota and the immune system**
Duccio Cavalieri (*University of Florence, Italy*)
- 09.45-10.30 **Microbiota and brain development and function**
John Cryan (*University College Cork, Ireland*)
- 10.30-11.00 Coffee Break
- 11.00-11.45 Students' Debate
Chairs: Luca Battistini and Duccio Cavalieri
Topic: Microbiota
- 11.45-12.30 **Neuroimmune interactions of the developing brain**
Luca Muzio (*San Raffaele Scientific Institute, Italy*)
- 12.30-14.30 Lunch with the Expert

AFTERNOON

GENETICS AND CNS AUTOIMMUNITY

Chairs: Gianvito Martino, Hugh Willison and V. Wee Yong

- 14.30-15.15 **Genetic and non-genetic factors in CNS autoimmune diseases (other than multiple sclerosis)**
Roland Liblau (*Université Toulouse III, France*)
- 15.15-16.00 **High-throughput sequencing of immune repertoires in multiple sclerosis**
Trygve Holmoy (*Akershus University Hospital, University of Oslo, Norway*)
- 16.00-16.30 Coffee Break
- 16.30-17.30 **Metabolic regulation of the immune response in autoimmunity**
Giuseppe Matarese (*Università di Napoli "Federico II", Italy*)
- 17.30-17.45 Progress Quiz
Chairs: Cinthia Farina and Nicola Woodroffe
Teams of AINI-ESNI students from different countries will compete on questions provided by the speakers before the course and dealing with the topics of the course



17.45-19.00

Poster Session

Chairs: Carlo Avolio and Rosetta Pedotti,
Snapshot posters to be selected



THURSDAY, JUNE 29 – ESNI COURSE

MORNING

PATHOGENIC MECHANISMS OF NEUROINFLAMMATORY DISORDERS

Chairs: Antonio Uccelli, Giovanna Borsellino and Sandra Amor

- 09.00-09.45 **Inflammation and skeletal muscle**
Benedicte Chazaud (*University Claude Bernard Lyon 1, France*)
- 09.45-10.30 **Autophagy in health and disease**
Francesco Cecconi (*Università di Roma Tor Vergata, Italy*)
- 10.30-11.00 Coffee Break
- 11.00-11.45 **In or out – what triggers MS?**
Jack van Horssen (*VU University Medical Center, the Netherlands*)
- 11.45-12.30 Students' Debate
Chairs: Sandra Amor and Hans van Noort
Topic: Inside out vs. outside in
- 12.30-14.30 Lunch with the Expert

AFTERNOON

PATHOGENIC MECHANISMS OF NEURODEGENERATIVE DISORDERS

Chairs: Antonio Uccelli, Giovanna Borsellino and Sandra Amor

- 14.30-15.15 **The link between age and neurodegenerative diseases**
Erik Boddeke (*University of Groningen, the Netherlands*)
- 15.15-16.00 **Innate immunity in neurodegenerative diseases**
Michal Schwartz (*the Weizmann Institute of Science, Israel*)
- 16.00-16.30 Coffee Break
- 16.30-17.30 **Microvesicles in neuroimmunology**
Roberto Furlan (*San Raffaele Hospital, Italy*)
- 17.30-17.45 Progress Quiz
Chairs: Cinthia Farina and Nicola Woodroffe
Teams of AINI-ESNI students from different countries will compete on questions provided by the speakers before the course and dealing with the topics of the course
- 17.45-19.00 Poster Session
Chairs: Carlo Avolio and Rosetta Pedotti
Snapshot posters to be selected



FRIDAY, JUNE 30 – ESNI COURSE

MORNING

COGNITIVE AND MOOD DISORDERS

Chairs: Roberto Furlan, Cinthia Farina and Nicola Woodroffe

- 09.00-09.45 **Brain metabolism and cognitive impairment**
Jens Bruening (*Max Planck Institute for Metabolism Research, Germany*)
- 09.45-10.30 **Neuroinflammation in psychiatric disorders**
Veerle Bergink (*Erasmus University Rotterdam, the Netherlands*)
- 10.30-11.00 Coffee Break
- 11.00-11.45 **Immuno-pathology and psychiatric disorders**
Johann Steiner (*Otto von Guericke Universitaet Magdeburg, Germany*)
- 11.45-12.30 **Is it time for immune-therapies in psychiatric disorders?**
David Brown (*University of New South Wales, Australia*)
- 12.30-14.30 Lunch with the expert

AFTERNOON

NOVEL THERAPEUTIC STRATEGIES

Chairs: Roberto Furlan, Cinthia Farina and Nicola Woodroffe

- 14.30-15.15 **Targeting macrophages/microglia for therapy in autoimmune disorders**
Robert Harris (*Karolinska Institut, Sweden*)
- 15.15-16.00 **Drug repurposing for immune modulation in neurological disorders**
Frauke Zipp (*University Medical Center for the Johannes Gutenberg University, Germany*)
- 16.00-16.30 Coffee Break
- 16.30-17.30 **From the bench to clinical trials: starting a biotech company in neurological disease**
Hans van Noort (*Delta Crystallon, the Netherlands*)
- 17.30-18.30 Poster session
Chairs: Carlo Avolio and Rosetta Pedotti
Snapshot posters to be selected
- 18.30-19.00 Final quiz and awards