

## Thursday September 22<sup>nd</sup>, 2011

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- 15.00 – 15.30**                    **Opening Remarks**  
**Antonio Bertolotto** – Regional Multiple Sclerosis Centre, AOU S. Luigi Gonzaga, Orbassano (TO) Italy  
**Lina Matera** – Lab. of Tumor Immunology, University of Turin, Italy
- 15.30 – 16.15**                    *Neurons, Inhibitory Molecules and External Stimuli in Neuronal Plasticity and Regeneration.*  
**Ferdinando Rossi** - Neuroscience Institute Cavalieri Ottolenghi NICO, University of Turin (I)
- 1<sup>st</sup> Session**                    **OMICS**  
Chairs: Bruno Bonetti (Verona, I), Cinthia Farina (Milan, I)
- 16.15 – 17.00**                    *Analysis of Large-Scale Data.*  
**Raffaele Calogero** - Molecular Biotechnology Centre, University of Turin (I)
- 17.00 – 18.00**                    **Oral Communications**
- 17.00 – 17.15                    Menon Ramesh - San Raffaele Scientific Institute, Milan (I)  
*Shared Molecular And Functional Frameworks Among Five Complex Human Disorders: A Comparative Study On Interactomes Linked To Susceptibility Genes.*
- 17.15 – 17.30                    Perga Simona - Neuroscience Institute Cavalieri Ottolenghi NICO, Orbassano, Turin (I)  
*Identification Of Novel Biomarkers Enabling To Stratify Relapsing-Remitting Multiple Sclerosis Patients.*
- 17.30 – 17.45                    Farinazzo Alessia - University of Verona, Verona (I)  
*Proteomic Approach For The Identification Of Autoantigens Recognized By CSF Oligoclonal IgG Bands In Multiple Sclerosis.*
- 17.45 – 18.00                    De Santis Giuseppe - San Raffaele Scientific Institute, Milan (I)  
*An Alternative Approach for microRNA Expression Profile in Course of Multiple Sclerosis.*
- 18.00**                                **Get-Together Reception - Merenda Sinoira**



# Friday September 23<sup>rd</sup>, 2011

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## 2<sup>nd</sup> Session

### **Viruses in Neurological Disorders.**

Chairs: Francesca Aloisi (Rome, I), Santo Landolfo (Turin, I)

9.00 – 9.45

*Pathobiology of JC virus.*

**Paola Cinque** - Department of Infectious Diseases, San Raffaele Scientific Institute, Milan, Italy

9.45 – 10.45

### **Oral Communication**

9.45 – 10.00

Laroni Alice - University Of Genoa, Genoa (I)

*Jcv-DNA Testing During Natalizumab Treatment Is Complementary To Anti-Jcv Antibodies for PML Risk Stratification.*

10.00 – 10.15

Pulizzi Annalisa - University Hospital San Luigi Gonzaga, Orbassano, Turin (I)

*Cortical and Basal Ganglia Involvement in Progressive Multifocal Leukoencephalopathy (PML) By Jc-virus During Tysabri Treatment: A New Variant Disease?*

10.15 – 10.30

Mechelli Rosella - Sapienza University, S. Andrea Hospital, Rome (I)

*Characterization of Epstein-Barr Virus Genotypes In Multiple Sclerosis Patients And Controls.*

10.30 – 10.45

Ria Francesco - University of Verona, Verona (I)

*TLR2 Haplotype And M Tuberculosis In The Adjuvant Co-modulate Trafficking Of Effector T Cells.*

10.45 – 11.15

### **Coffee Break**

## 3<sup>rd</sup> Session

### **Autoimmune Encephalitis**

Chairs: Roberto Furlan (Milan, I), Stefano Sotgiu (Sassari, I)

11.15 – 12.00

*Clinical spectrum and synaptic mechanisms of anti-NMDA encephalitis.*

**Josep Dalmau** - Institute of Neurological Science, University of Pennsylvania (USA)

12.00 – 13.00

### **Oral Communications**

12.00 – 12.15

Zuliani Luigi - University of Padoa, Padoa (I)

*Neuronal Surface Antibodies-Associated Encephalitis: An Italian Centre Experience.*

12.15 – 12.30

Capobianco Marco - University Hospital San Luigi Gonzaga, Orbassano, Turin (I)

*Anti-Hu Associated Chronic Focal Encephalitis Successfully Treated With The Anti-B Cells Monoclonal Antibody Rituximab.*

## **Friday September 23<sup>rd</sup>, 2011**

- 12.30 – 12.45      Angiari Stefano - University of Verona, Verona (I)  
*Role of T-cell Immunoglobulin- And Mucin-domain-containing Molecule (tim)-1 In T Cell Trafficking And In The Induction of Experimental Autoimmune Encephalomyelitis.*
- 12.45 – 13.00      Cencioni Maria Teresa - IRCCS Santa Lucia Foundation, Rome (I)  
*Endocannabinoid System Is Differentially Altered In Myeloid And Plasmacytoid Dendritic Cells In Multiple Sclerosis Patients.*
- 13.00 – 14.30      Lunch Break**
- 4<sup>th</sup> Session      Inflammation & Neurodegeneration**  
Chairs: Marco Salvetti (Rome, I), Giuseppe Matarese (Naples. I)
- 14.30 – 15.15      Nuclear Receptors (NR) at the crossroad of inflammation in Neurological Disorders.**  
**Anat Achiron** - Multiple Sclerosis Centre, Sackler School of Medicine, Tel Aviv University, Israel
- 15.15 – 15.45      Oral Communications**
- 15.15 – 15.30      Muzio Luca - San Raffaele Scientific Institute, Milan (I)  
*The inflammatory milieu causes neuronal degeneration in murine neuronal networks.*
- 15.30 – 15.45      Di Mitri Diletta - IRCCS Santa Lucia Foundation, Rome (I)  
*P38-mediated T Cell Senescence In Multiple Sclerosis.*
- 15.45 – 16.15      Coffee Break**
- 16.15 – 17.00      Oral Communications**
- 16.15 – 16.30      Zenaro Elena - University of Verona, Verona (I)  
*Vascular Inflammation And Leukocyte Trafficking In An Experimental Model Of Alzheimer's Disease.*
- 16.30 – 16.45      Dalla Libera Dacia - San Raffaele Scientific Institute, Milan (I)  
*Microglial Microvesicles in Alzheimer Disease: a possible biomarker of neuroinflammation and neurodegeneration.*
- 16.45 – 17.00      Zarbo Ignazio Roberto - University of Sassari, Sassari & San Raffaele Scientific Institute, Milan (I)  
*Altered mRNA Levels of Chemokines and Cytokines in Schizophrenia and Bipolar Disorder.*
- 17.00 – 18.30      Happy Poster – Poster Session with wine & cheese tasting**  
Chairs: Rosetta Pedotti (Milan, I), Luca Battistini (Rome, I)
- 18.30      Aini Soccer Venue**



# Saturday September 24<sup>th</sup>, 2011

## 5<sup>th</sup> Session

### **Stem Cell**

Chairs: Antonio Uccelli (Genoa, I), Luca Bonfanti (Turin, I)

9.00 – 9.45

*Can we Restart the Immune System? Lessons from Hematopoietic Stem Cell Transplantation.*

**Paolo Muraro** - Neuroimmunology Division of Neurosciences and Mental Health, Imperial College of London, London (UK)

9.45 – 10.45

### **Oral Communication**

9.45 – 10.00

Marconi Silvia - University of Verona, Verona (I)

*Clinical And Pathological Efficacy of Adipose-Derived Mesenchymal Stem Cells In A Mouse Model of Amyotrophic Lateral Sclerosis.*

10.00 – 10.15

Turano Ermanna - University of Verona, Verona (I)

*Systemic Transplantation Of Adipose Stem Cells Promotes Peripheral Nerve Regeneration.*

10.15 – 10.30

Vigo Tiziana - University of Genoa, Genoa (I)

*Inflammatory Cues Dictate Mesenchymal Stem Cells Gene Expression Profile And Therapeutic Plasticity.*

10.30 – 10.45

Plantone Domenico - Catholic University of the Sacred Heart, Rome (I)

*CD8+ T Cell Effector And Memory Subpopulations In Multiple Sclerosis.*

10.45 – 11.15

### **Coffee Break**

## 6<sup>th</sup> Session

### **Antibodies and Auto-Antibodies**

Chair: Umberto Dianzani (Novara, I), Francesca Gilli (Orbassano, I)

11.15 – 12.00

*About intolerant patients and tolerant mice.*

**Huub Schellekens** - Institute of Pharmaceutical Sciences, Utrecht University, (The Netherland)

12.00 – 13.00

### **Oral Communication**

12.00 – 12.15

Matà Sabrina - University of Florence, Florence (I)

*CNS Expression of Aquaporin 4 As Recognized By NMO-IgG from Neuromyelitis Optica Patients.*

12.15 – 12.30

Di Sante Gabriele - Catholic University of the Sacred Heart, Rome (I)

*MBP 85-99-specific TCR Repertoire In DR2+ Patients Affected By Multiple Sclerosis.*

12.30 – 12.45

Coccia Eliana - Istituto Superiore di Sanità, Rome (I)

*Effects of Interferon- $\beta$  therapy on B cells from patients with multiple sclerosis.*

## Saturday September 24<sup>th</sup>, 2011

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- 12.45 – 13.00 Carbone Fortunata - University Federico I, Naples (I)  
*A Regulatory T Cell Expansion Assay As A Tractable Biomarker of Clinical Immune Tolerance In Multiple Sclerosis.*
- 13.00 – 14.15 Lunch Break**
- 7<sup>th</sup> Session** ***Autoimmune myopathies & neuropathies***  
Chairs: Carlo Avolio (Bari, I), Carlo Antozzi (Milan, I)
- 14.15 – 15.00 *Autoimmune inflammatory myopathies.*  
**Marinos Dalakas** - Neuromuscular Division, Thomas Jefferson University, Philadelphia (USA)
- 15.00 – 16.00 Oral Communication**
- 15.00 – 15.15 Matà Sabrina - University of Florence, Florence (I)  
*Anti-MAG Antibodies from Polyneuropathy Patients Recognize HNK-1 Epitope on Rodent Brain and Kidney.*
- 15.15 – 15.30 Toscani Chiara - Neurological Institute Carlo Besta, Milan (I)  
*Dendritic Cells In Experimental Autoimmune Myasthenia Gravis: Visualizing their Immunomodulatory Functions*
- 15.30 – 15.45 Catzola Valentina - Catholic University of the Sacred Heart, Rome (I)  
*CD4SPCD25+foxp3+ Thymocyte Development in Different Types of Thymoma.*
- 15.45 – 16.00 Morando Sara, University of Genoa, Genoa (I)  
*Unraveling an Unexpected Role for the Proteoglycan.*
- 16.00 – 16.30 Coffee Break**
- 16.30 – 17.30 AINI Standardisation of laboratory procedures: a ten year perspective.**  
Francesco Lolli – University of Florence (I)
- 17.30 – 18.30 AINI General Assembly**
- 20.30 Social Dinner**



# Sunday September 25<sup>th</sup>, 2011

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## Special Session in Memory of Marco Vergelli

Chairs: Bruno Gran (Nottingham, UK), Luca Massacesi (Florence, I)

10.00 – 11.00

*The state of oral treatments for Multiple Sclerosis*

**Roland Martin** - University Hospital, Dept. for Clinical Neuroimmunology and MS Research, Zürich (CH)

11.00 – 11.30

*Loss of braking signals in inflammation affects development and disease course of Multiple Sclerosis.*

**Francesca Gilli** - Neuroscience Institute Cavalieri Ottolenghi NICO, Orbassano, Turin (I)

11.30 – 12.00

*Pathological relevance of meningeal inflammation in secondary progressive Multiple Sclerosis*

**Roberta Magliozzi** - Istituto Superiore di Sanità, Rome (I)

12.00 – 12.30

**AINI Awards**

12.30 – 13.00

**Closing Remarks**

13.00 – 14.00

**Farewell Cocktail**