

X ISNIM CONGRESS & III SIPNEI CONGRESS

PRECONFERENCE

PSICONEUROIMMUNOMODULATION

MAY 25th 2017 - ROMA EVENTI - PIAZZA DI SPAGNA, VIA ALIBERT 5/A

PROGRAM

14.30 - 15.00: **Registration**

15.00 - 15.45: **The basis of neuroimmunomodulation**

Adriana del Rey

15.45 - 16.30: **Inflammation and psychiatric disorders: what comes first?**

Moises Bauer

16.30 - 17.00: **Discussion with the speakers**

17.00 - 17.15: **Break**

17.15 - 18.00: **The basis of psychic modulation of the biological system**

Francesco Bottaccioli

18.00 - 18.45: **Stress and brain development**

Andrea Minelli

18.45 - 19.00: **Discussion with the speakers**

X ISNIM CONGRESS & III SIPNEI CONGRESS

TRANSLATIONAL NEUROIMMUNOMODULATION PSYCHONEUROENDOCRINEIMMUNOLOGY: FROM RESEARCH TO CLINICAL PRACTICE

MAY 26th/27th/28th 2017 - ROMA EVENTI - PIAZZA DI SPAGNA, VIA ALIBERT 5/A

FRIDAY, MAY 26th

- 09.00 - 09.15: **Welcome** Mauro Bologna, Marina Risi and Vincent Geenen
- 09.15 - 10.00: **ISNIM Lecture: Autophagy, immune aging, and disease** A. K. Simon
- 10.00 - 10.45: **SIPNEI Lecture: Epigenetics and environment: endocrine-immunological mechanisms** M. Bologna
- 10.45 - 11.15: **Coffee break**

Session 1: Neuroimmunomodulation and autoimmune disease

Chairs: V. Geenen - M. Bologna

- 11.15 - 12.00: **Circadian rhythms of inflammation: Glucocorticoids and chronotherapy of rheumatoid arthritis** M. Cutolo
- 12.00 - 12.15: **Does a better time profile correspond to a better cortisol circadian rhythm and better inflammatory condition?** M. Agnoletti
- 12.15 - 12.30: **ProNGF binding to p75NTR activates pro-inflammatory pathways** G. Minnone
- 12.30 - 12.45: **Cognitive impairment in Rheumatoid Arthritis is associated with changes in peripheral Lymphocytes subset, Cytokines and Neurotrophic Factors** M.E. Bauer
- 12.45 - 13.00: **Case Report: Effects of systemic extinction therapy in a patient with seropositive Rheumatoid Arthritis** K. Thieme

13.00 - 14.00: **Lunch**

14.00 - 14.30: **POSTER Session**

Session 2: Long and short loops in neuroimmunomodulation

Chairs: V. Rettori - A. Minelli

- 14.30 - 15.15: **The neuropeptide VIP and immune homeostasis at the maternal-placental interface** C. Perez-Leiros
- 15.15 – 15.30: **Heart rate dynamic and serum inflammatory markers during pregnancy and active labor in women** G. Pacheco-López
- 15.30 - 15.45: **Intranasal infiltration of Dexamethasone reduces morbi-mortality and inflammatory infiltrating cells in a murine model of Stroke** E. Scitutto
- 15.45 - 16.00: **OMT (Osteopathic Manipulative Treatment), Lymphatic Pump Technique and their effects on Immune System** M. Chiera
- 16.00 - 16.30: **Coffee break**

SIPNEI Symposium 1:

BRAIN-GUT AXIS AND INFLAMMATORY DISEASES

Chairs: F. Cracolici – C. Perez Leiros

- 16.30 - 16.50: **Microbiome and Immunity** L. Emmi
- 16.50 -17.15: **PNEI- Hypnosis – Ultrasound: from the imaging diagnosis to the therapy with images in IBD** D. Sirigu
- 17.15 - 17.40: **Infertility: the role of microbiota** M. Risi
- 17.40 – 18.05: **Interaction between microbiome and brain: the Autism as an example** D.Siniscalco

- 18.05- 18.20: **Gut-Liver axis.** I. Demori
- 18.20 - 18.35: **The Osteopathic Manipulative Treatment and the rational effect on the cholinergic anti-inflammatory pathway.** N. Barsotti
- 18.45 - 20.00: **Meeting of the ISNIM Executive Board**

SATURDAY, MAY 27th

Session 3: Neuroimmunomodulation and infections

Chairs: E. Scitutto – M. Risi

- 09.00 - 09.45: **The somatotropic axis and bacterial infections** V. Geenen
- 09.45 – 10.00: **Pulmonary tuberculosis and male reproductive system: an immunoendocrine approach** M.C. Romano
- 10.00 - 10.15: **A mix of Lactobacillus modulates immune system and ameliorates intestinal morphology and Salmonella typhimurium colonization in heat-stressed chickens** W. Quinteiro-Filho
- 10.15 - 10.30: **The susceptibility to Trypanosoma cruzi is affected by the Sympathetic Nervous System: The role of Gender** A. del Rey
- 10.30 - 11.00: **Coffee break**

Session 4: Neuroimmunomodulation at brain levels

Chairs: H. Besedovsky – D. Lazzari

- 11.00 - 11.45: **Chemokines in the brain: beneficial or detrimental?** C. Rovère
- 11.45 - 12.00: **Plasmalogens in the Brain are reduced by inflammatory signals, aging and chronic stress leading to glial activation in mice** T. Katafuchi
- 12.00 -12.15: **Histological changes in the brain of young mice consuming energy drink** A. Jawad Al-sudani

12.15 - 12.30: **Dexamethasone intranasal delivery efficiently controls LPS-induced murine neuroinflammation** G. Meneses

12.30 - 12.50: **Celiac disease, Epilepsy, Cerebral calcifications: a model of immuno-mediated, neurological pathology** G. Gobbi

12.50 - 14.15: **Lunch**

Session 5: Integrative NIM in health and disease

Chairs: G. Pacheco – M- Fioranelli

14.15 - 15.00: **Cytokines beyond the immune system** H. Besedovsky

15.00 - 15.20: **Stress during gestation alters immune cell numbers but not immunoglobulins in mammary secretions of sows** E. Merlot

15.20 - 15.40: **NPY modulates human adipose stromal cells chemotaxis, angiogenesis and wound healing** R. Businaro

15.40 - 16.00: **Diet and Inflammation** D. Degl'Innocenti

16.00 - 16.30: **Coffee break**

SIPNEI Symposium 2

Stress, inflammation and metabolic diseases

Chairs: P. Russo – M. Romano

16.30 - 16.55: **Stress axis during human lifespan and its role in metabolic disease's development** L. Gianotti

16.55 - 17.20: **Psychology in the treatment of metabolic diseases** D. Lazzari

17.20 - 17.45: **The pivotal role of stress in Coronary Artery Disease. Over the cholesterol paradigm** M. Fioranelli

17.45 - 18.10: **Stress and metabolism in Traditional Chinese Medicine** F. Cracolici

PROGRAM - SUNDAY, MAY 28th

Session 6 Psychoneuroimmunomodulation: perspectives for the clinical practice

Chairs: M. Risi- K. Thieme

- 09.00 - 09.20: **PNEIFERT: an innovative clinical model for a personalized and participatory care in Reproductive Medicine** P. Russo - L. Trovalusci
- 09.20 - 09.40: **Neuroinflammation and Neuroimmunity in Autistic Spectrum Disorders (ASD) from an integrative PNEI model to the clinical practice** R. Savino
- 09.40 - 10.00: **The Pandal Syndrome: from the Child to the System. Illusion or reality?** E. Paravati
- 10.00 - 10.20: **Tooth Decay: A new integrated vision** R. Robba
- 10.20 - 11.00: **Coffee break**

Session 7: Neuroimmunomodulation of behavior and learning

Chairs: A. del Rey – A. Minelli

- 11.00 - 11.45: **Translational Medicine: from mind to immunity, via the brain** J. Licinio
- 11.45 - 12.00: **Reduction of Ether-Type- Glycerophospholipids, Plasmalogens, in Hippocampus impairs spatial memory in Mice** M. Shamim Hossain
- 12.00 - 12.15: **Pro-inflammatory cytokines, IL-1b and TNFa, produce persistent compromise in tonic immobility defensive behavior in endotoxemic guinea pigs** R. Simone Saia
- 12.15 - 12.30: **Maternal Care and Pup Ultrasonic Vocalizations in athymic (FOXN1) mice** J. Jouda
- 12.30-12.45: **Inner design technology: molecular and electrophysiological changes following Quadrato Motor Training** T.D. Ben-Soussan

12.45 - 14.00: **Lunch**

SIPNEI Symposium 3:

Stress, inflammation, neurodevelopmental and psychiatric disorders

Chairs: M- Bologna – M. Bauer

- 14.00 - 14.25: **A new Psychiatry PNEI-based: a proposal** F. Bottaccioli
- 14.25 - 14.50: **Oxytocin, the biological basis for sociality?** A. Sirigu
- 14.50 - 15.15: **Neuroendocrinology of stress, inflammation and sleep** G. P. Chrousos
- 15.15 - 15.40: **Nutrition and brain in Anorexia Nervosa: the role of starvation** G. Abbate Daga
- 15.40 - 16.00: **Inflammatory profile in anxiety and mood disorders and therapeutic choice**
S. Pallanti - E. Burchi
- 16.00 - 16.15: **Meditation Psychoneuroimmunology-based (PNEIMED) for depression and anxiety** A. G. Bottaccioli
- 16.15 - 16.45: **Final Messages** V. Geenen, M. Bologna, F. Bottaccioli

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