The Second International
Rita Levi-Montalcini’s
Scientific Meeting:
the multiple life of nerve growth factor
and on its potential clinical applications

Bologna (Italy), June 13th-14th 2019
G. Prodi Hall, San Giovanni in Monte
9.45-10.00
Welcome Coffee and registration

10.00-13.00
Chairs: L. Aloe, L. Calzà

Introduction to the Symposium
L. Calzà
Welcome from the Authority

Integrating Alternative Hypotheses to Explain the Selective Vulnerability of Basal Forebrain Cholinergic Neurons in Alzheimer Disease: A Critical Role for Neurotrophin Signaling
W.C. Mobley

Antibody therapy against the neurite growth inhibitor Nogo-A induces fiber growth and functional recovery after spinal cord injury or stroke
M.E. Schwab

The first and the last time that I met RLM: my personal NGF saga
L. Aloe

13.00-14.00 Lunch

14.00-16.00
Chairs: E. Alleva, W.R. Krezel

Rita’s legacy and a metabolic deregulation of the NGF metabolic pathway in Alzheimer’s
A.C. Cuello

The neuropeptide galanin is both a neurotransmitter and a growth factor
T. Hökfelt

The role of ADAM10 in Huntington’s disease
C. Zuccato

When Nerve Growth Factor met behaviour
E. Alleva - D. Santucci

16.00-16.30 Coffee break

16.30-18.00
Chairs: G. Bettini, De Girolamo

Nerve growth factor and animal reproduction
M. Maranesi

Neurotrophins and the teleosts central nervous system: an overview
L. D’Angelo

Neurotrophins in the sensory system of zebrafish
A. Germanà

18.00 End of the day

20.30 Social Dinner

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09.00-10.30
Chairs: A. Germanà, A. Micera

Extremely low mechanical forces strongly promote axonal growth
V. Raffa

Transmigration of NGF-secreting blood cells into the brain: a hope for Alzheimer ´s disease?
C. Humpel

The role of NGF signaling in neural stem cells-derived oligodendrocyte differentiation
V.A. Baldassarro

10.30-11.00 Coffee break

11.00-13.30
Chairs: L. Lorenzini, A. Merighi

Take a bite of NGF and its diverse actions in human tooth development, pathology and repair
T. A. Mitsiadis

NGF in inflammatory and neurodegenerative diseases of the eye: new findings supporting neuroprotection and proper tissue remodeling
A. Micera

Structural, biochemical and molecular characterization of NGF signaling on photoreceptor degeneration
M.L. Rocco

BDNF and Adenosine A2A receptors: an intimate interaction regulating postnatal neurogenesis
S. Xapelli

13.30-14.00 Lunch

14.30-16.00
Chairs: M. Eriksdotter, T. Hökfelt

NGF based mechanisms and treatments in clinical pain disorders
P. Anand

CHF 6467, a mutated form of human NGF, shows neurotrophic activity without eliciting pain
B.P. Imbimbo

The cross-talk of BDNF and GDNF in the substantia gelatinosa of spinal cord
A. Merighi

16.00-16.30 Coffee break

16.30-18.00
Chairs: A.C. Cuello, C. Zuccato

Nerve growth factor-an innovative therapy for Alzheimer ´s disease
M. Eriksdotter

Serum/plasma neurotropins levels as potential biomarkers in psychiatric disorders
M. Skibinska

Association of calcium and dairy product consumption with children obesity and the presence of a BDNF-AS polymorphism. GENYAL study to childhood obesity prevention
V. Loria-Kohen

18.00
Conclusions and end of the Meeting
**General Information**

**Venue**
Giorgio Prodi Hall
San Giovanni in Monte
Piazza San Giovanni in Monte 2
Bologna (Italy)

**Registration**
Meeting registration is free but mandatory and can be made on: [www.iec-srl.it/EVENTI](http://www.iec-srl.it/EVENTI) and includes full participation at the Course, conference bag, coffee breaks and lunches, certificate of attendance.
Available places: **90**

**Social Dinner**
The Social dinner will be held on Thursday, June 13th at 20.30 at *Osteria de’ Poeti* (Via de’ Poeti 1/b, Bologna, close to the meeting venue).
Registration is mandatory for participants and can be settle at the Secretariat Desk (€ 45,00).

**Language**
Official language of the Meeting: english. No simultaneous translation will be provided.

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**Scientific Coordinators**

**Luigi Aloe**
IRET Foundation, Ozzano Emilia (BO)

**Laura Calzà**
University of Bologna

**Luciana Giardino**
University of Bologna

**Scientific Secretariat**

**Roberta Torricella**
IRET Foundation, Ozzano Emilia (BO)

**Vito Antonio Baldassarro**
University of Bologna

**Luca Lorenzini**
University of Bologna

**Organizing Secretariat**

I&C srl
Via A. Costa, 202/6
40134 Bologna
tel. +39 051.614.4004
fax +39 051.614.2772
chiara.cilione@iec-srl.it
anna.benedusí@iec-srl.it
www.iec-srl.it
Further information on

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UNIVERSITÀ DI BOLOGNA
CENTRO INTERDIPARTIMENTALE DI RICERCA INDUSTRIALE SCIENZE DELLA VITA E TECNOLOGIE DELLA SALUTE

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