

Bologna (Italy), June 13th-14th 2019

G. Prodi Hall, San Giovanni in Monte

FACULTY

Enrico Alleva
Accademia Nazionale dei Lincei
Rome, Italy

Luigi Aloe
IRET Foundation-Bologna Technopole
"Rita Levi-Montalcini"
Ozzano Emilia (BO), Italy

Praveen Anand
Imperial College London, UK

Vito Antonio Baldassarro
University of Bologna and IRET Foundation
Bologna Technopole "Rita Levi-Montalcini"
Ozzano Emilia (BO), Italy

Giuliano Bettini
Dept. of Veterinary Medical Sciences
University of Bologna
Bologna, Italy

Laura Calzà
University of Bologna and IRET Foundation
Bologna Technopole "Rita Levi-Montalcini"
Ozzano Emilia (BO), Italy

A. Claudio Cuello
Dept. of Pharmacology and Therapeutics
McGill University
Montreal, Canada

Livia D'Angelo
Dept. of Veterinary Medicine and Animal Production
University of Naples Federico II
Naples, Italy

Paolo De Girolamo
Dept. of Veterinary Medicine and Animal Production
University of Naples Federico II
Naples, Italy

Maria Eriksdotter
Dept. of Neurobiology, Care Sciences and Society
Karolinska Institutet
Stockholm, Sweden

Antonino Germanà
Dept. of Veterinary Sciences
Zebrafish Neuromorphology Laboratory
University of Messina, Italy

Tomas Hökfelt
Dept. of Neuroscience
Karolinska Institutet
Stockholm, Sweden

Christian Humpel
Medical University, Innsbruck, Austria

Wojciech Roman Krezel
INSERM IGBMC
Illkirch, France

Bruno P. Imbimbo
Chiesi Farmaceutici, Parma, Italy

Luca Lorenzini
University of Bologna and IRET Foundation
Bologna Technopole "Rita Levi Montalcini"
Ozzano Emilia (BO), Italy

Viviana Loria-Kohen
Nutrition and Clinical Trials Unit
Institute IMDEA-FOOD, Madrid, Spain

Margherita Maranesi
Dept. of Veterinary Medicine
University of Perugia, Perugia, Italy

Donatella Marazziti
Dept. of Clinical and Experimental
Medicine Psychiatry Section
University of Pisa, Pisa, Italy

Adalberto Merighi
Dept. of Veterinary Sciences
University of Torino, Torino, Italy

Alessandra Micera
Research Laboratories in Ophthalmology
IRCCS - Fondazione Bietti
Rome, Italy

Thimios Mitsiadis
Institute of Oral Biology
University of Zurich, Zurich, Switzerland

William Mobley
Dept. of Neuroscience
University of California
San Diego, La Jolla, USA

Vittoria Raffa
Dept. of Biology
University of Pisa
Pisa, Italy

Maria Luisa Rocco
TransMed Research
Ozzano Emilia (BO), Italy

Daniela Santucci
Center for Behavioural Sciences and Mental Health
Istituto Superiore di Sanità
Rome, Italy

Martin Schwab
Institute for Regenerative Medicine
University of Zurich, Zurich, Switzerland

Maria Skibinska
Psychiatric Genetics Unit
University of Medical Sciences, Poznan, Poland

Sara Xapelli
Faculdade de Medicina
Universidade de Lisboa, Lisbon, Portugal

Chiara Zuccato
Dept. of Biosciences
University of Milan and INGM
Milan, Italy

The Second International

Rita Levi-Montalcini's

Scientific Meeting:

the multiple life of nerve growth factor
and on its potential clinical applications

THURSDAY || June 13th, 2019

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. 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

FRIDAY || June 14th, 2019

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

Neurobiology of romantic love
D. Marazziti

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 neurotrophins 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 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.

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 (0)51.614.4004
fax +39 (0)51.614.2772
chiara.cilione@iec-srl.it
anna.benedusi@iec-srl.it
www.iec-srl.it

The conference is organized by Health Sciences and Technologies - Interdepartmental Center for Industrial Research, University of Bologna in the frame of the training activities (OFV1 - OFT1) of IRMI project (Italian Regenerative Medicine Infrastructure) supported by the Ministry of Education, University and Research (CTN01_00177_888744)

