



ACCADEMIA NAZIONALE DEI LINCEI



EBRI
European Brain Research Institute
Rita Levi-Montalcini

INTERNATIONAL CONFERENCE

BUILDING THE BRAIN

In memory of Rita Levi-Montalcini (1909-2012)

ROME, 19-20 DECEMBER 2022

Organizing Committee: Enrico ALLEVA (Lincei Fellow, Istituto Superiore di Sanità), Pietro CALISSANO (Co-Founder of EBRI 'Rita Levi-Montalcini'), Antonino CATTANEO (Lincei Fellow, President of EBRI 'Rita Levi-Montalcini', Scuola Normale Superiore), Enrico CHERUBINI (Scientific Director of EBRI 'Rita Levi-Montalcini'), Giulio COSSU (Lincei Fellow, University of Manchester), Benedetta CRAVERI (Lincei Fellow, Università Suor Orsola Benincasa, Naples), Lamberto MAFFEI (President Emeritus of the Accademia Nazionale dei Lincei), Concetta MORRONE (Lincei Fellow, Università di Pisa), Giorgio PARISI (Vice President of the Accademia Nazionale dei Lincei), Alberto QUADRIO CURZIO (President Emeritus of the Accademia Nazionale dei Lincei)

PROGRAMME

Monday, 19 December

14.00 Welcome addresses

Roberto ANTONELLI (President of the Accademia Nazionale dei Lincei)

Antonino CATTANEO (President of EBRI 'Rita Levi-Montalcini', Lincei Fellow)

Marta CATELLANI (President of Lincei Equal Opportunity Committee, Lincei Fellow)

Session 1

Chair: Enrico CHERUBINI (Scientific Director, EBRI)

14.30 Arnold KRIEGSTEIN (UCSF Weill Institute for Neurosciences, USA), *Genomic insights into neural stem cells and human brain development*

15.10 Oscar MARIN (King's College London, UK), *Sculpting cortical cytoarchitecture through programmed cell death*

15.50 Hannah MONYER (Heidelberg University Hospital, Germany), *The short and the long of inhibition*

16.30 Coffee break

16.50 Magdalena GOETZ (Ludwig-Maximilians-Universität München, Germany), *Novel mechanisms of neurogenesis and neural repair*

17.30 Moses CHAO (NYU Langone Medical Center, USA), *Independence of thought and trophic factors*

Tuesday, 20 December

Session 2

Chair: Enrico ALLEVA (Lincoln Fellow, Istituto Superiore di Sanità)

- 9.00 Introduction by Enrico ALLEVA, Session Chair
- 9.10 Rosa Chiara PAOLICELLI (University of Lausanne, Switzerland), *Microglia: center stage in brain function and dysfunction*
- 10.10 Gaia NOVARINO (Institute of Science and Technology, Austria), *Studying brain development and neuroplasticity through the lens of human disorders*
- 10.50 Tommaso PIZZORUSSO (Scuola Normale Superiore e Istituto di Neuroscienze del CNR, Pisa), *Genetic and environmental factors regulating developmental plasticity: what can we learn from the visual cortex*
- 11.30 Coffee break
- 11.50 Elena CATTANEO (Lincoln Fellow, Università degli studi di Milano), *Empowering stem cell therapy and disease modelling for Huntington's Disease using single-cell genomics*
- 12.30 Maria Grazia SPILLANTINI (University of Cambridge, UK), *Science, life and protein aggregation in neurodegenerative diseases*
- 13.10 Closing remarks by Pietro Calissano (Co-Founder of EBRI), *Rita, a visionary scientist*

ROME - PALAZZO CORSINI - VIA DELLA LUNGARA, 10
Conference Secretariat: convegni@lincei.it - <http://www.lincei.it>

Further information on the conference is available at the following link:

<https://www.lincei.it/it/manifestazioni/building-brain-memory-rita-levi-montalcini-conference>

Registration is required to attend the conference

In accordance with restrictions due to Covid-19 seats will be limited (vedi: <https://www.lincei.it/it/news/misure-fronteggiare-lemergenza-epidemiologica>)