



Exploring the Synapse

International Workshop in memory of
Rita Levi-Montalcini

Organizing Committee

Pietro Calissano
Antonino Cattaneo
Enrico Cherubini
Giuseppe Nisticò

Friday
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European Brain Research Institute (EBRI)

Sponsors

Chiesi Farmaceutici Spa

EBRI Secretariat

Pamela Bernardo
Pina Moliterno
Tel. 06 501703024
Email scientific.assist@ebri.it
Web www.ebri.it

Meeting Venue

Palazzina dell'Auditorio
Accademia Nazionale dei Lincei
Rome, Italy

Program

09:30 Registration

10:00 **Welcome address**

Lamberto Maffei, *President, Accademia Nazionale dei Lincei*
Pietro Calissano, *President, European Brain Research Institute*

10:20 EBRI Rita Levi-Montalcini Lecture

Thomas C. Südhof, *Stanford Univ. School of Medicine, Stanford, USA*
The neurexin enigma – from synapse formation to schizophrenia

11:10 Coffee break

11:30 John Nicholls, *Int. School for Advanced Studies, Trieste, Italy*

Bernard Katz, Stepen Kuffler and the synapse

12:00 Morgan Sheng, *Genentech Inc, San Francisco, USA*

New perspectives on NMDA receptor function

12:30 Paul Worley, *John Hopkins University, Baltimore, USA*

An emerging model of synaptic immediate early genes and memory

13:00 Lunch

14:30 Peter Scheiffele, *University of Basel, Switzerland*

Alternative splicing codes for synaptic specificity

15:00 Antoine Triller, *Ecole Normale Supérieure, Paris, France*

Synapse stability and plasticity: a super-resolutive movie

15:30 Seth Grant, *Edinburgh University, United Kingdom*

Postsynaptic complexes and mental illness

16:00 Mauro Costa-Mattioli, *Baylor College of Medicine, Houston, USA*

Translational regulatory mechanisms in synaptic plasticity and pathological learning

16:30 **Concluding remarks**

Giuseppe Nisticò, *General Director, European Brain Research Institute*