



# Annual Ri.MED Scientific Symposium

## Advances in Neuroscience

*Presented in Memory  
of Rita Levi-Montalcini*

### Program

- 8:30 a.m.** *Registration*
- 9:00 a.m.** **Camillo Ricordi**  
Welcome and Introduction
- 9:10 a.m.** **Mario Panizza**  
Welcome to Rome
- 9:20 a.m.** **Arthur S. Levine**  
Introduction to Symposium Theme
- 9:30 a.m.** **Peter L. Strick**  
Levi-Montalcini Keynote Address  
"A Tale of Two Primary Motor Areas: 'Old' and 'New' M1"
- 10:10 a.m.** **Andrew B. Schwartz**  
"Recent Work toward a High-Performance Brain-Computer Interface"
- 10:45 a.m.** *Break*
- 11:05 a.m.** **Silvia Conforto**  
"The Muscle Synergy Model in Neuromechanics:  
A Simple Explanation of a Complex Problem"
- 11:40 a.m.** **Robert M. Friedlander**  
"Role of Caspase Cell Death Pathways in Neurological Diseases"
- 12:15 p.m.** **David A. Lewis**  
"Cortical Excitatory/Inhibitory Balance and Cognitive Dysfunction in  
Schizophrenia"
- 12:50 p.m.** *Lunch*
- 1:50 p.m.** **Alessandra Biffi**  
"Hematopoietic Stem Cell Gene Therapy for the Treatment of  
Metachromatic Leukodystrophy"
- 2:25 p.m.** **Beatriz Luna**  
"Adolescence Is Not a Disease - Understanding the Adolescent Brain"
- 3:00 p.m.** **Paolo Maria Rossini**  
"Brain Connectivity as a Marker of Physiological and Pathological Aging"
- 3:35 p.m.** *Refreshment Break*
- 3:55 p.m.** **Colleen A. McClung**  
"Circadian Genes, Dopamine, and the Biology of Psychiatric Disorders"
- 4:30 p.m.** Ri.MED Fellow Talks
- Pierangelo Cifelli**  
"GABA(A) Current Rundown in Temporal Lobe Epilepsy"
- Chiara Milanese**  
"Nitrite-Mediated Cysteine S-Nitrosation Is Protective in PD"
- Roberto DiMaio**  
"Muscarinic/Glutamatergic Stimulation Elicits Abnormal GABA-ergic  
Differentiation: Relevance in Epileptic Disorder"
- 5:30 p.m.** Symposium Conclusion

Wednesday, 30  
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**Aula Magna del Rettorato**  
Via Ostiense 159  
Roma, Italy

Fondazione  
**Ri.MED**