SINS

National Congress of the ITALIAN NEUROSCIENCE SOCIETY

October 1-4, 2017

Lacco Ameno, Ischia Island - Naples, Italy

TIMETABLE

Sunday, October 1, 2017

	Auditorium Rizzoli	Sala Pinetina	Sala Azzurra	Sala Agrumi
08.00	**Registration: Auditorium Rizzoli (until 18.30)**			
09.00	**Opening Cerimony: Auditorium Rizzoli**			
09:30-11:15	**Symposium 1** **Neurobiological and epigenetic bases of alcohol dependence** Chairman: **G. Di Chiara**	**Symposium 2** **Brain disorders: enhancing endogenous repair in the central nervous system** Chairman: **E. Coppi**	**Symposium 3** **Autophagy and phagocytosis in brain** **pathophysiology** Chairman: **E. Janda**	**Symposium 4** **Stress: epigenetics-synaptic changes-and pathophysiology** Chairman: **L. Musazzi**
11:30-12:15	**Plenary Lecture: Auditorium Rizzoli** **Y. Gotoh,** *University of Tokyo, Japan* **"Molecular basis of brain development"** Chairman: **G. Racagni**			
12:15-13:45	**Poster Session and Lunch: Villa Arbusto, Piazza Santa Restituta**			
14:00-15:45	**Symposium 5** **From tractography and functional magnetic resonance to connectome** Chairman: **G. Tedeschi**	**Symposium 6** **Immune cells influencing the central nervous system from development to aging and diseases** Chairmen: **S. Fumagalli** **C. Spalletti**	**Symposium 7** *Joint Symposium* *SINS - SIN* **Parkinson's disease: toward a better integration between basic and clinical research?** Chairmen: **F. Conti** **L. Provinciali**	**Symposium 8** **Action representation and social prediction in the monkey frontal cortex** Chairmen: **A. Genovesio** **S. Rozzi**
15:45-17:30	**Symposium 9** **Emerging genes underlying neuronal dysfunction in Parkinson's disease** Chairman: **G. Costa**	**Symposium 10** **Novel approaches for the therapy of ischemic brain** Chairmen: **S. Beretta** **F. Orzi**	**Symposium 11** **New advances on NMDA receptor modulation and signalling pathways: from synaptic plasticity to brain disorders**	**Symposium 12** **Excess memory and excess forgetting: two tails of the same coin?** Chairmen: **S. Macrì** **P. Campolongo**

Chairmen:
F. Gardoni
A. Pittaluga

17:30-18:15 **Plenary Lecture: Auditorium Rizzoli**
F. Benedetti, *University of Turin, Italy*
"The placebo effect: a melting pot of concepts and ideas for neuroscience"
Chairman: **G. Gessa**

18:30 **Welcome Reception**

Monday, October 2, 2017

	Auditorium Rizzoli	Sala Pinetina	Sala Azzurra	Sala Agrumi
08:30-10:15	**Symposium 13**	**Symposium 14**	**Symposium 15**	**Symposium 16**
	Novel molecular, pathophysiologic and therapeutic aspects of cephalalgia Chairman: **G. Tedeschi**	**Modulating synaptic function in health and disease: focus on novel players and cellular mechanisms** Chairman: **G. Fattorini**	**Of mice and men: murine models and human brain organoids for the mechanistic dissection of neurodevelopmental disorders** Chairman: **G. Testa**	**Rodent models of emotional and social behavior as tools to investigate neurological and psychiatric diseases: focus on ultrasonic vocalizations** Chairman: **N. Simola**

10:15-10:45 **COFFEE BREAK**

10:45-11:30 **Plenary Lecture: Auditorium Rizzoli**
Z. Kokaia, *Lund University, Sweden*
"Stem cells and reprogramming for reconstruction of stroke-damaged neuronal network"
Chairman: **L. Annunziato**

11:30-13:15 **Poster Session: Villa Arbusto, Piazza Santa Restituta**

13:30-15:15	**Symposium 17**	**Symposium 18**	**Symposium 19**	**Symposium 20**
	New disease modifying therapies and emerging targets for neuroprotection and repair in Multiple Sclerosis	**Generation of hMSNs for transplantation in HD** Chairman: **A. Vercelli**	**Environmental and genetic factors and their interaction: how they affect behavioral and neurochemical responses to**	**New therapeutic targets in Autism Spectrum Disorders from studies on animal models**

	Chairman: **F. Boscia**		**rewarding and aversive stimuli** Chairman: **S. Scheggi**	Chairmen: **S.A. Bonini** **M. Grilli**
15:15-17:00	**Symposium 21**	**Symposium 22**	**Symposium 23**	**Symposium 24**
	Alzheimer's disease from spreading pathology to biological therapies Chairman: **F. Tagliavini**	**The many faces of a vulnerable brain: the role of adolescence** Chairman: **L. Caffino**	**Identification of neuroprotective molecules for Spinal Muscular Atrophy** Chairmen: **E. Di Schiavi** **M. Nizzardo**	**Retinal physiology and disease: novel therapeutic approaches** Chairmen: **J.F. Maya-Vetencourt** **S. Di Marco**

17:00-17:45 **Plenary Lecture: Auditorium Rizzoli**
E. Cherubini, *International School for Advanced Studies, Italy*
"GABA in brain development: a 30 years journey“
Chairman: **M. Taglialatela**

Tuesday, October 3, 2017

	Auditorium Rizzoli	Sala Pinetina	Sala Azzurra	Sala Agrumi
08:30-10:15	**Symposium 25**	**Symposium 26**	**Symposium 27**	**Symposium 28**
	Targeting inflammation in synaptopathies Chairmen: **M. Matteoli** **D. Centonze**	**Immune cells and molecules as targets for neuroprotection** Chairman: **G. Cantarella**	**Alpha-synuclein and Lrrk2: two major culprits in Parkinson’s disease** Chairmen: **A. Tozzi** **F. Stocchi**	**The green neuroscience: new insights from the application of natural remedies to the investigations on disorders of the nervous system** Chairman: **E. Acquas**

10:15-10:45 **COFFEE BREAK**

10:45-11:30 **Plenary Lecture: Auditorium Rizzoli**
A. Ballabio, *Tigem and Federico II University, Naples, Italy*
“Lysosomal storage disorders and neurodegenerative diseases”
Chairman: **L. Annunziato**

11:30-13-15 **Poster Session and Lunch: Villa Arbusto, Piazza Santa Restituta**

13:30-14:15 **Workshop**

Rules and procedures for animal experiments in biomedical research: questions and answers

Chairman:
P. Popoli

14:15-16:00

Symposium 29	Symposium 30	Symposium 31	Symposium 32
Glucocerebrosidase in Parkinson's disease: insights into pathogenesis and prospects for treatment	**Advances in understanding the neural basis of motor decision: from spontaneous ritmicity to stimulation effects**	**From plasmamembrane to organelles: new targets to relieve Ca^{2+} dysregulation in neurodegeneration**	**Molecular mechanisms of epileptogenesis: insights from mammalian and non-mammalian animal models**
Chairmen: **F. Blandini** **N.B. Mercuri**	Chairmen: **E. Brunamonti** **P. Pani**	Chairman: **A. Secondo**	Chairman: **E. Del Giudice**

16:00-16:45 **Plenary Lecture: Auditorium Rizzoli**
J. Cryan, *University College Cork, Ireland*
"A 'Gut Feeling' About the Brain: Role of Microbiome in Neurodevelopment, Stress and Behaviour"
Chairman: **M. Popoli**

17:00-19:00 **General Assembly: Auditorium Rizzoli**

20:00 **Congress Dinner**

Wednesday, October 4, 2017

Auditorium Rizzoli	Sala Pinetina	Sala Azzurra	Sala Agrumi

08:30-09:15 **Plenary Lecture: Auditorium Rizzoli**
D. Pietrobon, *University of Padua, Italy*
"Altered brain excitatory-inhibitory balance in mouse models of migraine"
Chairman: **M. Morelli**

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09:15-11:00

Symposium 33	Symposium 34	Symposium 35	Symposium 36
Cellular-molecular and translational aspects in motor neuron diseases Chairmen: **M. Milanese** **L. Ferraiuolo**	**Shaping glutamatergic transmission by intrinsic mechanisms and cross-talking neurotransmitters: from synaptic function to synaptic dysfunction** Chairman: **D. Puzzo**	**Non coding RNAs and neurodegenerative diseases: the state of the art** Chairman: **C. Cereda**	**Metallostasis and neurodegeneration** Chairmen: **L. Zecca** **E. Rizzarelli**

11:00-11:30 COFFEE BREAK

11:30-12:15 **Plenary Lecture: Auditorium Rizzoli**
P.Pietrini, *IMT School for Advanced Studies Lucca, Italy*
"Freedom: from philosophy to neurosciences"
Chairman: **F. Conti**

12:15-14:00

Symposium 37	Symposium 38	Symposium 39	Symposium 40
Joint Symposium SINS - SIPB **Social neuroscience** Chairman: **F. Conti** **M. Mai**	**Failure of protein quality control mechanisms and deregulated protein aggregation as common pathogenic mechanisms in neurodegenerative diseases** Chairmen: **V. Crippa** **S. Carra**	**In vivo optical approaches to investigate brain functionality** Chairman: **A.L.A. Mascaro**	*Under the patronage of FENS* **Visions in neurosciences** Chairman: **L. Lorusso**

14:00-14:30 **Closing Remarks**