



IN – INSTITUTE OF NEUROSCIENCE  
Annual retreat – 2016  
Padova, Sept. 13-16, 2016  
**PROGRAM**



**Tuesday, Sept. 13**

12:30-14:00	Registration	Poster set up
14:00-14:30	Opening remarks	<b>Tullio Pozzan, Rosario Rizzuto, Giuseppe Zanotti, Michela Matteoli</b>
14:30-16:10	Session 1	<b><u>Physiology and biochemistry of behaviour and reward</u></b> <b>Cristina Cadoni:</b> <i>Adolescence vs. adulthood: differences in basal dopamine transmission and response to drugs of abuse</i> <b>Giancarlo Colombo:</b> <i>Another chapter of the “drinking in the dark” saga: exacerbation of anxiety underlying the stronger urge for alcohol late at night</i> <b>Claudia Sgheddu:</b> <i>Elevation of endogenous kynurenic acid levels suppresses <math>\Delta^9</math>-tetrahydrocannabinol-induced effects on the mesocorticolimbic circuit</i> <b>Linda Requeie:</b> <i>Endocannabinoid signaling to astrocytes in the ventral tegmental area and modulation of synaptic transmission</i> <b>Bice Chini:</b> <i>KCC2 is a key target of oxytocin in postnatal events potentially involved in the pathogenesis of neurodevelopmental disorders.</i>
16:10-17:00	Invited lecture 1	<b>Vincenzo Di Marzo</b> , CNR Institute of Biomolecular Chemistry (ICB) <i>The endocannabinoid system and its interactions with orexinergic signaling in food intake, pain perception and neuroprotection</i>
17:00-17:50	Invited lecture 2	<b>Attilio Iemolo</b> , CNR Institute of Genetics and Biophysics (IGB) <i>Role of central neuropeptides in regulating stress and eating behaviors</i>
17:50-19:00	Posters	
19:00	Vallisneri closes	Free evening



## Wednesday, Sept. 14

8:00-8:40	Posters available	
8:40-10:00	Session 2	<b><u>Neurological diseases</u></b> <b>Yuri Bozzi:</b> <i>Interneuron defects during postnatal development of somatosensory cortex of engrailed 2 knockout mice</i> <b>Elisa Focchi:</b> <i>Prenatal exposure to poly I:C increases susceptibility to epilepsy in the adult offspring</i> <b>Cristina Spalletti:</b> <i>Combining Robotic Rehabilitation with silencing of the healthy hemisphere promotes True Motor Recovery in a Mouse model of Ischemic Injury</i> <b>Stefano Morara:</b> <i>Calcitonin gene-related peptide (CGRP) acts as an homeostatic factor on microglial cells in experimental autoimmune encephalomyelitis</i>
10:00-10:50	Invited lecture 3	<b>Laura Cancedda,</b> Italian Institute of Technology <i>Potentials for Rescuing Cognitive Deficits in Neurodevelopmental Disorders by early intervention: the Case of Down Syndrome.</i>
10:50-11:20	Coffee break	
11:20-12:20	Session 3	<b><u>Neurodegeneration, cell death</u></b> <b>Viviana Guadagni:</b> <i>Targeting retinal inflammation to delay photoreceptor degeneration in Retinitis Pigmentosa</i> <b>Marco Pirazzini:</b> <i>Regeneration of the paralyzed neuromuscular junction</i> <b>Angelo Iannielli:</b> <i>iPSC-based in vitro model of Parkinson's disease caused by OPA1 mutations</i>
12:20-13:10	Invited lecture 4	<b>Alessandro Sale,</b> IN <i>The Brain-Boosting Power of Environmental Enrichment</i>
13:10-15:00	Lunch & posters	
<b>15:00-17:50</b>	<b>Formazione</b>	<b><i>Il corretto utilizzo dell'animale da laboratorio – parte 1</i></b>
15:00-15:50		<b>Ludovico Scenna,</b> UniPD: <i>Biologia di base nei roditori</i>
15:50-16:40		<b>Emanuela D'Amore,</b> ISS: <i>Riconoscimento del dolore e della sofferenza</i>
16:40-17:00	Pausa	
17:00-17:50		<b>Giuseppe Spinella,</b> UniBO: <i>Anestesia, analgesia ed eutanasia</i>
17:50-18:40	Invited lecture 5	<b>Mathew Diamond,</b> SISSA <i>Using time to generate a touch percept and touch to generate a time percept</i>
18:40-20:00	Posters	
20:00-21:00	Dinner	Catering at Vallisneri
21:00-21:50	Invited lecture 6	<b>Alessandro Angrilli,</b> UniPD and IN <i>Altered hemispheric asymmetry of language in psychoses: testing an evolutionary theory</i>
22:00	Vallisneri closes	

## Thursday, Sept. 15

8:00-8:40	Posters available	
8:40-10:00	Session 4	<b><u>A la carte</u></b> <b>Edoardo Moretto:</b> <i>TSPAN5 is a key player in dendritic spine formation and AMPA receptor recycling</i> <b>Martina La Spina:</b> <i>Autophagy induction by the natural compound pterostilbene: mechanisms and therapeutic potential</i> <b>Arianna Crespi:</b> <i>The cell surface trafficking of the <math>\alpha 3\beta 4</math> neuronal nicotinic acetylcholine receptor is regulated by its accessory subunit</i> <b>Ilaria Prada:</b> <i>Glia-to-neuron shuttling of mir-146a via extracellular microvesicles modulates protein expression in neurons</i>
10:00-10:30	Coffee break	
10:30-11:30	Session 4 (cont'd)	<b><u>A la carte</u></b> <b>Barbara Corso:</b> <i>Type I diabetes microvascular complications and interaction with HLA: a linkage analysis</i> <b>Nina Kaludercic:</b> <i>Monoamine oxidases cause mitochondrial and endoplasmic reticulum stress leading to cardiomyopathy in type I diabetes</i> <b>Manuela Antoniel:</b> <i>The unique histidine of F-ATP synthase subunit OSCP mediates regulation of the permeability transition by matrix pH</i>
11:30-12:20	Invited lecture 7	<b>Francesco Tombola,</b> University of California, Irvine <i>The Yin and Yan of mechanosensing: the tale of two channels</i>
12:20-14:30	Lunch & posters	
14:30-15:30	Riunione IN	<b>Michela Matteoli</b>
<b>15:30-18:40</b>	<b>Formazione</b>	<b><i>Il corretto utilizzo dell'animale da laboratorio – parte 2</i></b>
15:30-16:30		<b>M. Cristina Riviello,</b> IBCN: <i>Benessere animale e arricchimento ambientale</i>
16:30-17:30		<b>Paolo Coluccio:</b> <i>Gestione, cura e mantenimento di colonie di topi e ratti</i>
17:30-17:50	Pausa	
17:50-18:40		<b>Paolo Coluccio:</b> <i>Gestione, cura e mantenimento di colonie di topi e ratti</i>
19:00	Vallisneri closes	Free evening

**Friday, Sept. 16**

<b>9:00-12:20</b>	<b>Formazione</b>	<b><i>Il corretto utilizzo dell'animale da laboratorio – parte 3</i></b>
9:00-9:50		<b>Giovanni Botta</b> , Min. Salute: <i>Normativa italiana ed europea</i>
9:50-10:40		<b>Giovanni Botta</b> , Min. Salute: <i>Indicazioni per la presentazione di un protocollo sperimentale</i>
10:40-11:00	Pausa	
11:00-11:50		<b>Isabella De Angelis</b> , ISS: <i>Etica e 3Rs</i>
11:50-12:20		<b>M. Cristina Riviello</b> , IBCN: <i>Esercitazione sulla stesura di un protocollo sperimentale</i>
12:20-12:30	Closing remarks	<b>Michela Matteoli</b>
12:30-13:00		<i>Rilascio attestati corso di formazione</i>