



# IN CNR Annual Retreat 2018

Bergamo, Seminario Vescovile Giovanni XXIII



26-28 September 2018

## Program

### Wednesday, Sept. 26

9.30-10.30	Registration	<b>Poster set up</b>
10.30-11.00	Opening remarks	
11.00-13.00	Session 1	<b><u>Brain cell physiology and pathology</u></b> <b>Maria Passafaro:</b> The role of X-linked intellectual disability genes in synapse function <b>Marco Mainardi:</b> Purification and proteomic profiling of PSD-95 interactors at in vivo potentiated synapses <b>Laura Gerosa:</b> Activity –dependent translocation of PCDH19 C-terminus in the nucleus concurs to IEGs homeostasis <b>Cristina Spalletti:</b> Robotic rehabilitation and neuromodulation after stroke: novel approaches in a mouse model
13.00-14.30	Lunch	
14.30-16.45	Session 2 Invited Lecture	<b><u>Neurodegenerative diseases</u></b> <b>Micaela Morelli, SINS president</b> How models of Parkinson’s disease can help to understand the disease and aid to find new therapies <b>Angelo Iannelli:</b> Establishing patterned neuronal circuits with human iPSC-derived neurons in microfluidics <b>Martina Gabrielli:</b> Role of microglial extracellular vesicles in early synaptic dysfunction in Alzheimer’s disease <b>Caterina Peggion:</b> Defective differentiation of primary myocytes in an ALS mouse model
16.45-17.00	Zeiss Talk	<b>Alessandro Cornetta:</b> Live cell imaging in super-resolution
17.00-17.20	Coffee break	
17.20-19.00	Poster session 1	
19.00-20.00	IN Meeting	
20.00-21.00	Plenary Lecture	<b>Luigi Naldini, Director, SR-TIGET, San Raffaele Telethon Institute for Gene Therapy</b> “ Genetic Engineering of Hematopoiesis to Treat Human Disease”

## Thursday , Sept. 27: One-day International Cell Biology Course

- 9.30-10.00 **Jacopo Meldolesi:** *Welcome and Introduction*
- 10.00-10.50 **Pietro De Camilli:** *Intracellular membrane contact sites, lipid dynamics and neurodegeneration*
- 10.50-11.40 **Maurizio Molinari:** *Mechanisms of endoplasmic reticulum turnover*
- 11.40-12.30 **Blanche Schwappach:** *Functional dissection of unique molecular niches in the COPI vesicle coat*
- 12.45-14.20 Lunch
- 14.20-15.10 **Sean Munro:** *Going round in circles in the Golgi apparatus: thirty years of GTPases, coiledcoil proteins and transmembrane domains*
- 15.10-16.00 **Eelco Van Anken:** *Stress & zen in the secretory pathway: molecular metrics of cellular self evaluation*
- 16.00-16.20 Coffee break
- 16.20-17.10 **Antonella De Matteis:** *ER-Golgi contact sites*
- 17.10-18.00 **Alan Tartakoff:** *Chromosome Instability*
- 18.00-19.00 Concluding Remarks and Wine and Cheese

## Friday, Sept. 28

8.00-8.30 Poster available

8.30-10.30 Session 3

### Sensory systems

**Enrica Strettoi:** *Inflammaging the eye*

**Gabriele Sansevero:** *Running towards a new therapy for amblyopia*

**Andrea Maset:** *OPHN1 regulates the migration of newly generated cells in the olfactory system*

**Nicola Origlia :** *In memory of Luciano Dominici*

10.30-11.00 Coffee Break

11.00-13.00 Poster session 2

13.00-14.30 Lunch

14.30-16.45 Session 4

### Miscellanea

**Roberta Benfante:** *Ion channels as putative drug targets in congenital central hypoventilation syndrome (CCHS)*

**Claudia Sagheddu:** *N-acylethanolamine acid amidase as a novel therapeutic target for nicotine addiction*

**Francesca Grisan:** *PKA and EPAC crosstalk in HT29 migration: the importance of signal compartmentalization*

**Ludovico Arcuri:** *Novel gene therapy approaches for whole brain delivery of the lysosomal GCase enzyme for wide protection from alpha-synuclein toxic aggregates*

16.45-17.00 Closing Remarks