

YOUNG NEUROSCIENTIST MEETING 2019

YNM2019

International School for Advanced Studies (S.I.S.S.A.)
Trieste
Italy

June 13th, 2019

Organizers: **Laura Ballerini, Anna Menini, Denis Scaini, Riccardo Redivo,**
Michele Giugliano, Rossana Rauti, Giada Cellot, Simone Pifferi,
Sadaf Usmani, Audrey Biagioni, Ivo Calaresu, Giulia Panattoni,
Teresa Sorbo, Nicola Secomandi, Andres Hernandez-Clavijo.



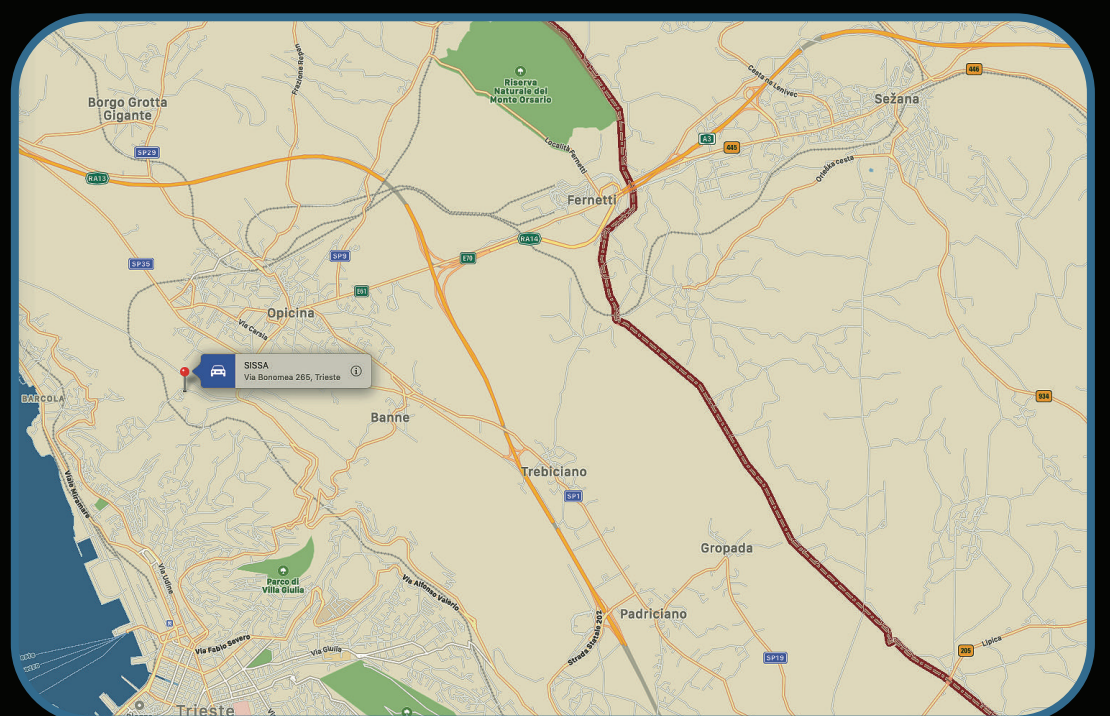
YNM2019 – PROGRAMME

8:30-9:30	Arrival & Registration	
9:30-9:45	Welcome and Introduction	
9:45-11:15	Session A – Ion channels, membrane properties and calcium dynamics – (Chairs: S. Pifferi & R. Zorek)	
9:45-10:00	Emilio Agostinelli	TMEM16A calcium-activated chloride currents in supporting cells of the olfactory epithelium
10:00-10:15	Domenico Guarascio	Calcium-activated chloride currents in taste receptor cells
10:15-10:30	Eva Paradiž	The role of incretin hormones in beta cell calcium dynamics
10:30-10:45	Viljem Pohorec	A direct comparison of glucose stimulated calcium dynamics in acute pancreatic tissue slices of inbred C57BL/6 substrains and outbred NMRI mice
10:45-11:00	Sandra Postić	pH dependent activation of TALK1 channel
11:00-11:15	Vid Jan	In vitro innervation as an experimental model to study neurogenic regulation of Na ⁺ ,K ⁺ -ATPase in human skeletal muscle cells
11:15-11:45	Coffee break	
11:45-13:30	Session B – Cellular mechanisms, neuropathology and models – (Chairs: E. Vanni & E. Tongiorgi)	
11:45-12:00	Ottavia Roggero	Cell culture determinants to establish an in vitro model of developmental neuronal atrophy in Rett syndrome
12:00-12:15	Natali Nakic	Glycosylation of the sheep prion protein
12:15-12:30	Nikolina Prtenjača	Elucidating the complex role of optineurin in inflammation and autophagy
12:30-12:45	Javier Flores Guetierrez	Normalization of parvalbumine expression and anxiety-related behaviour following Mirtazapine treatment in a mouse model of Rett syndrome
12:45-13:00	Elena De Cecco	The role of the prion protein in the internalization of tau amyloids
13:00-13:15	Sanja Mikašinović	Expression of CNS markers in primary neuronal cultures of neonatal opossums
13:15-13:30	Dunja Bijelić	Effect of ALS IgGs on neurons and glia - new findings and the AUTOIGG project
13:30-14:45	Lunch at SISSA's canteen	
14:45-16:15	Session C – Astrocytes, vesicles and protein interactions – (Chairs: G. Panattoni & M. Kreft)	
14:45-15:00	Katja Fink	L-lactate metabolism and volume dynamics in single rat astrocytes
15:00-15:15	Marjeta Lisjak	The role of individual aquaporin 4 isoforms in rat astrocytes
15:15-15:30	Mičo Božić	Interferon γ alters vesicle – plasmalemma interaction to favor surface exposure of MHC II molecules in cultured rat astrocytes
15:30-15:45	Tina Smolič	Stress-associated lipid droplet formation in rat brain astrocytes
15:45-16:00	Petra Tavčar	Monitoring autophagy in rat astrocytes by super-resolution microscopy
16:00-16:15	Mirjana Malnar	Protein interactors of antisense (C4G2) _n RNA repeats from C9orf72 repeat expansion mutation
16:15-16:45	Coffee break	
16:45-18:15	Session B – Neuronal networks, metabolism and techniques – (Chairs: G. Cellot & I. Munitic)	
16:45-17:00	Marko Šterk	Varying connectivity networks as the next frontier in exploring collective activity of pancreatic beta cell populations
17:00-17:15	Alessandro Barengi	Cell type specific gene delivery using chemically modified AAV vectors
17:15-17:30	Zrinko Baričević	Identification and quantification of neural stem cells with the isotropic fractionator method
17:30-17:45	Ana Jakovljević	Ultrastructural studies of perineuronal nets and their role in plasticity
17:45-18:00	Dorian Dolanc	Measurements of cytosolic L-lactate changes in 3T3-L1 cells upon stimulation with L-lactate receptor agonists
18:00-18:15	Francesca Zummo	Neuronal network activity is modulated by cell/ECM tensional adaptation
18:15-18:30	Final remarks	
19:00-20:30	Pizza Party at the Terrace	

Location:

The 23th YNM will be hosted at the International School for Advanced Studies (SISSA).

The SISSA campus is located in Opicina (Trieste), in Via Bonomea 265. It can easily be reached via public transportation, which connects the campus to downtown Trieste (Bus 38), or via highway.



Registration desk will be located at the ground floor close to SISSA reception. All the lectures will be attended in rooms 128/129 located at the first floor of SISSA main building.

