DEPARTMENT OF BIOMEDICAL SCIENCES

PhD Program in Biomedical Sciences

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UNIVERSITÀ DEGLI STUDI DI PADOVA

PhD Program in BIOMEDICAL SCIENCES

PROGRESS REPORT – XXXI-XXXII-XXXIII cycle
Academical year 2017/18
Vallisneri Building, September 10-12 2018

Monday, September 10th 2018, Aula Magna

9:00	Marco Pizzi	The role of histology in the study of tumor cell metabolism
9:30	Raissa Bortolotto	VHL family proteins: when similarities make the difference
10:00	Giovanna Crivellaro	Mechanisms underlying the increased susceptibility to cortical spreading depression in mouse models of familial hemiplegic migraine
10:30	Simona Francia	The odorant receptor expressed at the axon terminal of olfactory sensory neurons: mechanism of activation and function
11:00	Break	
11:30	Anais Franco Romero	characterization of a novel FoxO-dependent atrogene
12:00	Annamaria Lia	Exploring the role of astrocyte Ca2+ signaling in Alzheimer's Disease
12:30	Michela Soardi	Generation of novel zebrafish models of sarcoglycanopathy
13:00	Lishu Guo	Regulation of the Mitochondrial Permeability Transition Pore by Arginine Residue(s) and Its Role in the Dimerization of F-ATP Synthase
13:30	Break	

14:30	Vanessa Arato	Dual role of CD2831 in Clostridium difficile pathogenesis
15:00	Andrea Maset	OPHN1 regulates the migration of newly generated cells in the olfactory system
15:30	Lisanna Paladin	Non-globular proteins: unraveling the phenomenon
16:00	Valeria Scalcon	Thiol redox regulating systems in mitochondria
16:30	Break	
17:00	Elisa Lidron	Unraveling the role of MCU in vertebrate development and physiology using Danio rerio as a model
17:30	Gaia Butera	Mitochondrial adaptation on parvalbumin knockout muscle fibers

18:00	Antonella Falconieri	pVHL isoform-specific interactions: focus on MDM2
18:30	End of session	

Tuesday, September 11th 2018, Aula Magna

9:00	Chiara Galber	Role of F-ATP synthase f subunit in dimer formation and PTP modulation
9:30	András Hatos	Annotation quality of intrinsic disorder (ID) and post-translational modifications (PTMs) data
10:00	Claudio Laquatra	Zebrafish (Danio rerio) as model to study the pathophysiological role of the mitochondrial chaperone TRAP1
10:30	Federica Quaglia	Computational analysis of the von Hippel-Lindau (pVHL) tumor suppressor
11:00	Break	
11:30	Elena Scremin	Role of Orai2 in Ca2+ signalling and Aβ production in AD models
12:00	Caterina Tezze	OPA1 orchestrates precocious senescence, degeneration of multiple organs and premature death throught inflammation and metabolic changes
12:30	Carmen Troiano	O-Glnacylation of FO-F1 ATP synthase in relation to PTP opening
13:00	Nicola Vajente	Effect of HSP-linked ER shaping mutants in Drosophila: a possible link with ER Ca2+ homeostasis
13:30	Break	

14:30	Andrea Carrer	Electrophysiological characterization of the channel function of F-ATP synthases
14:50	Rosa Chiara Goisis	GABA tonic inhibition and astrocytes as key targets in Dravet Syndrome
15:10	Alessandro Grinzato	Single particle cryo-EM of PSII-LHCII supercomplex and Helicobacter pylori HtrA
15:30	Vanessa Jorge Henriques	Reciprocal signalling between specific GABAergic Interneurons and Astrocytes
15:50	Break	
16:10	Cristina Liboni	The cardiac microenvironment: the role of macrophages in pathophysiology
16:30	Mislav Majnarić	Neuron-glia interactions in neurovascular coupling

16:50	Caterina Marchioretti	Polyglutamine-expanded androgen receptor causes primary toxicity to skeletal muscle in vivo
17:10	Elisabetta Marcuzzi	Novel signaling pathways in leucocyte migration
17:30	End of session	

Wednesday, September 12nd 2018, Aula Magna

9:00	Fabio Mazza	Human iPSC-derived cardiomyocytes as a model to characterize mitochondrial dysfunction as related to oxidative stress and PTP opening
9:20	Elena Monti	Skeletal muscle morphological, functional and molecular characteristics of young sedentary, young highly trained and older healthy individuals
9:40	Marco Stazi	The effect of Melatonin in neurodegenerative processes at the level of peripheral nervous system
10:00	Anna Stocco	Cyclophilins and Duchenne muscular dystrophy
10:20	Federica Tonolo	Studies of antioxidant and pro-oxidant molecules in cell signaling through thiol redox regulation
10:40	Break	
11:00	**Faculty council**	