



PhD Program in BIOMEDICAL SCIENCES

PROGRESS REPORT - XXX cycle – Academic year 2015/16
Vallisneri Building, October 3,4,5 2016

Monday October 3rd, room C ground floor

15:30	Roberta Angioni	Mesenchymal Stem Cell controlling angiogenesis: a new therapeutic approach
16:00	Antonio Campo	Targeting the mechanisms of mitochondrial Ca ²⁺ uptake in cardiac hypertrophy
16:30	Giulia Zanetti	The double face of clostridial neurotoxins
17:00	Salvatore Antonucci	Pathophysiological interactions between mitochondrial ROS and Ca ²⁺ homeostasis in diabetic cardiomyopathy
17:30	Martina Baraldo	The role of Raptor in adult skeletal muscle

Tuesday October 4th, room C ground floor

14:30	Marco Carraro	Development of bioinformatics tools to predict disease predisposition from Next Generation Sequencing (NGS) data
15:00	Giulia Di Marco	The role of mitoK _{ATP} in skeletal muscle
15:30	Simona Feno	Physiopathological characterization of the role of MCUB in skeletal muscle regeneration
16:00	Alessandra Gasparini	TANC2: a new paradigm in neuronal signal transduction
16:30	Alice Rossi	Effects of Presenilin 2 mutations associated with familial Alzheimer's disease on mitochondrial functionality

Wednesday, October 5th, room A mezzanine

14.30	Alessandra Geffner Smith	Serum-dependent mechanisms (protein corona, complement, and coagulation cascade) influencing the uptake of NPs (silica and gold) with different superficial chemical-physical features (nature of polymeric coats, electric charge), taking into account inter-species (humans, pigs, and mice) peculiarities
15.00	Valentina Prando	Dynamics of neuro-effector coupling at 'cardiac sympathetic' synapses Role of the mitochondrial protein Opa1 in the regulation of the cardiac SN physiology
15:30	Linda Maria Requeie	Endocannabinoid signaling to astrocytes in the Ventral Tegmental Area
16:00	Giulia Rigotto	Study of mitochondria physiology in transgenic mouse models of Alzheimer's Disease
16:30	Faculty Council	