PhD Course in Biosciences

Coordinator: Prof. Ildikò Szabò

Progress reports 2019, XXXII cycle

September 9th

Room C ground floor
Vallisneri Building

Curriculum: Biochemistry and Biotechnology

10:00	Cristina CATONI	Development and use of split-GFP tools to monitor membrane interactions and mitochondrial localization of proteins involved in neurodegenerative diseases.
10:30	Elena MARCHESAN	Calcineurin regulates Parkin-translocation to mitochondria and mitophagy.
11:00	Roberta PERUZZO	A bacterial redox cycler ameliorates mitochondrial complex III disease in vitro and in vivo.
11:30	Giovanni RIGONI	Role of the ATAD3 protein family in mitochondrial function, ultrastructure and nucleoid stability.

Curriculum: Cell Biology and Physiology

12:00	Enrico CORTESE	The contribution of chloroplasts and endoplasmic reticulum to the plant calcium signalling network.
12:30	Federica DE LAZZARI	Exploring the physiological functions of the protein DJ-1 in redox homeostasis.

Curriculum: Cell Biology and Physiology

14:00	Alice KAGANOVICH	Contribution of glial cells to the pathogenic behind LRRK2-associated Parkinson's disease.
14:30	Anna MASATO	DOPAL-induced impairment of αSynuclein and cellular proteostasis as molecular mechanism to enhance neuronal vulnerability in Parkinson's Disease.

Curriculum: Evolution, Ecology and Conservation

15:00	Elena DESIDERA'	Reproductive behaviours of groupers (Epinephelidae) in Tavolara-Punta Coda Cavallo Marine Protected Area (NW Mediterranean Sea).
15:30	Emiliano PERETTI	Exploring the diversity of a neglected group of soil arthropods across the South Eastern Prealps.
	~~Beniamino TULIOZI~~	

Curriculum: Genetics, Genomics and Bioinformatics

16:00	Giuseppe BENVENUTO	A bioinformatic approach to define transcriptome alterations in platinum resistance ovarian cancers.
16:30	Lisa BUSON	The analysis of single muscle fibers revealed the specificity of non-coding RNA expression and function in the regulation of muscle metabolism and atrophy.
17:00	Ilaria GREGORIO	Two functional genomics approaches to investigate the nervous system: role of Collagen VI in cognition and the importance of GBA1 in myelinating cells.