



Lab Progress Reports 2018

Tuesday, September 25 - Lecture Room: Aula C (CU010)

Chairperson: Francesca Triani

- 9.30 – 9.55 **Stefania Carissimi** *“Study of the protective role of sesquiterpenes against cancer cells”*
9.55 – 10.20 **Gabriele Cerutti** *“Stabilizing soluble and membrane protein for structural studies”*
10.20 – 10.45 **Candice Gautier** *“Folding and binding mechanisms of PDZ domains”*
10.45 – 11.05 **Federico D'Alessio** *“Expression analysis of the genes involved in the PLP synthesis pathway and of its transporter YggS”*

Break

Chairperson: Maria Petrosino

- 11.30 – 11.55 **Yuta Kanamori** *“Effect of bovine serum amine oxidase and spermine on neuroblastoma”*
11.55 – 12.20 **Maria Rosa Loffredo** *“Frog-skin derived peptides for the development of novel formulations/biomaterials against Pseudomonas aeruginosa-induced pneumonia and keratitis.”*
12.20 – 12.45 **Mariangela Lopreiato** *“A glucosamine derivative affects metastatic activity in two prostate cancer cell lines by stimulating Maspin expression”*
12.45 – 13.05 **Nihan Zuleyhan Yurtsever** *“Role of the polyamine/hypusine circuit in colon cancer”*
13.05 – 13.30 **Karim Zuhra** *“On the modulation of H₂S metabolism”*

Wednesday, September 26 - Lecture Room: Aula B (CU010)

Chairperson: Flavia Giamogante

- 9.30 – 9.55 **Anna Barile** *“Role of pyridoxine 5'-phosphate oxidase as a pyridoxal 5'-phosphate carrier protein in vitamin B₆ metabolism and bioavailability”*
9.55 – 10.20 **Theo Battista** *“Structural and inhibitory studies of trypanothione reductase: a target for trypanosomatid diseases”*
10.20 – 10.45 **Aasia Bibi** *“Structure Function Relationship and Inhibition Studies of Enzymes Involved in Leishmaniasis Pathology”*
10.45 – 11.05 **Giulia Guiducci** *“Characterization of the moonlighting function of human serine hydroxymethyltransferase”* Break

Chairperson: Claudia Testi

- 11.30 – 11.55 **Maddalena Grieco** *“Inflammation and the endocannabinoid system: role of epigenetic modifications in BV2 cells treated with the amyloid β peptide”*
11.55 – 12.20 **Elisabetta Rubini** *“STAT3: relationship between environmental pollutants, signal transduction and energy metabolism in cancer cells”*
12.20 – 12.45 **David Sasah Staid** *“Development of algorithms for the identification of point mutations related to drug resistance in bacteria”*
12.45 – 13.05 **Ilaria Zuliani** *“The role of Unfolded Protein Response in Down syndrome neuropathology: new therapeutic strategy”*
13.05 – 13.30 **Bianca Introini** *“Chimeric HCN channels for studying cAMP-induced conformational changes”*