



***I YEAR PHD STUDENTS
PROGRESS REPORT***

16 October 2024

AULA C- Edificio CU010 Scienze Biochimiche

- 8.40 ALBANO AURORA** *Development of small molecule viral inhibitors targeting the life cycle of emerging viruses*
- 9.00 BORHY BEATRICE** *Characterization of the molecular mechanisms leading to ELAVL4/HuD altered levels in oxidative stress conditions with possible implications for sporadic ALS*
- 9.20 BRANDI EDOARDO** *Vascularized 3D bio-printed cerebral model as a platform for drug delivery*
- 9.40 D'ARCHIVIO LUCREZIA** *Deciphering the role of transcriptional CDKs in Rhabdomyosarcoma, a pediatric soft tissue sarcoma*
- 10.00 DE FRANCESCO ALICE** *Basic and applicative aspects of genomic analysis applied to antimicrobial resistant bacteria and their interactions with the host*
- 10.20 DI DIO CLAUDIA** *Use of model systems for the study of biological effects caused by the simultaneous presence of altered gravity and exposure to ionizing radiation*
- 10.40 GIORDANI SARA** *Bioinformatic analysis of nucleic acid binding to metabolic enzymes*

11.00 Break

- 11.10 LAMBONA CHIARA** *Design, synthesis and biological evaluation of novel epigenetic modulators and not.*
- 11.30 MANGANIELLO FRANCESCA** *Innovative Bioinformatic Strategies for Enhancing CAR T-Cell Efficacy Against B-Cell Leukemias*
- 11.50 MICHETTI FEDERICA** *Role of autophagy in the production of extracellular vesicles by colorectal cancer and in peritoneal metastasis formation*
- 12.10 PACELLI MADDALENA** *Innovative approaches for the development and delivery of therapeutic agents.*
- 12.30 PAMFIL GEORGIANA** *Innovative approaches in development and delivery of therapeutics: design, optimization and delivery of molecules targeting Aurora-A/N-Myc interaction in neuroblastoma*
- 12.50 PISELLI ELENA** *Impact of intracellular redox dysregulation in the pathogenesis of RNA virus infections*
- 13.10 SARTORI GIORGIA** *CD4 T cell-intrinsic roles of BRCA1 haploinsufficiency: implications for immune response and immunotherapy in triple-negative breast cancer*
- 13.30 TACCHIA COSTANZA** *Comparative Analysis of SH2 Domain Folding in Isolation and in the Context of Grb2*

Each student 15' presentation + 5' discussion