XXXVII PHD STUDENTS
Final Seminars

18 November 2024

Room 101 (RM 112-E01P01L005) - I° Floor, Building D - Viale Regina Elena 295a

9:00 BUTT USMAN AKHTAR *The role of microbiota in urinary tract cancer*
9:30 DEBBI ERICA *Impact of Atmospheric Heavy Metals on Synaptic Development via hiPSC-Based 2D and 3D Brain Models*
10.00 GRASSMANN GRETA *Development of new computational methods for the investigation of the molecular mechanisms underlying the interaction among proteins*
10:30 INTZE ANTONIA *Nanospectroscopy Study of Amyloid Aggregates Interacting with RNA*
11:00 GRAGERA ALVAREZ PAULA *ERAP1 modulation as an innovative strategy for cancer treatment*
11:30 KROL KAMILA JULIA *In vivo anti-tumour safety and efficacy of NK cell-based immunotherapeutic approach in preclinical models*
12:00 VASCONCELOS FILIPA *Development of Drug Delivery Systems for ERAP Modulators for the Treatment of Cancer and Autoimmune Diseases*
12:30 INCOCCIATI ALESSIO *Redesigning Human Ferritin Nanocages for Therapeutic Applications: From Cancer Treatment to Hypercholesterolemia Management*

13:00-14:00 LUNCH BREAK

14:00 DI RUSSO SARA *IKKß-mediated constitutive inflammation and metabolic reprogramming in the extravasation of brain-seeking triple-negative breast cancer cells*
14:30 FLORIS ERICA *Depletion of the cardiac lncRNA Charme impairs the maturation and paracrine signaling of cardiac mesenchymal stromal cells*
15:00 MOCHI MICHELA *Generation and characterization of 3D iPSC-derived model system for the study of Amyotrophic Lateral Sclerosis*
15:30 PELLEGRINI FRANCESCA ROMANA *The emerging roles of a-tubulin N-acetyltransferase 1 (ATAT1) in autophagy induction and ferroptosis susceptibility in cancer cells*
16:00 PENNACCHIETTI VALERIA *The folding and binding mechanisms of the PTB domain of FRS2: an unexpected role of a disulfide bridge in rewiring folding and function*
16:30 PINZON GRIMALDOS ALESSANDRA *Lipid restriction amplifies type I interferon response in monocytes: lessons learnt from familial hypolipidemia*
17:00 ROSIGNOLI SERENA *Development of tools for assisting structural bioinformatics*

Each student about 20' presentation + 5' discussion