

PHARMA PhD-Day – January 23th

9:00-9:15 Opening Remarks – *Prof. Di Cesare Mannelli Lorenzo*

9:15-9:45 Flash Talk – XLI cycle

Moderator: *Dr. Ammara Andrea e Dr. Zecchi Riccardo*

- **Dr.ssa Benucci Alessia** - Study of the nutraceutical potential of phytocomplexes obtained from pre-germinated / germinated plant products and microgreens: chemical characterization and in vitro tests
- **Dr.ssa Castellacci Rebecca** - Nanotechnology-based drug delivery systems for the modulation of cellular senescence and related disorders
- **Dr.ssa Marinai Elisa** - Development of antioxidant casein kinase 1 δ inhibitors as novel therapeutic agents for amyotrophic lateral sclerosis
- **Dr. Montomoli Martino** - Drug Response in Movement Disorders Associated with Developmental and Epileptic Encephalopathies: Toward Precision Phenotyping and Targeted Treatments
- **Dr.ssa Polverini Federica** - Gene \times Environment Interactions Shaping Neurodevelopment in SHANK3 Deficiency
- **Dr.ssa Quadrino Sofia** - Relevance of cellular senescence to the pathogenesis and treatment of multiple sclerosis

9:45-10:45 Poster Session – XLI cycle

10:45-11:15 Coffee Break

11:15-12:00 Flash Talk – XL cycle

Moderator: *Dr. Di Santo Andrea e Dr.ssa Sasia Chiara*

- **Dr.ssa Gallo Carmen** - Development of new melanogenesis-modulator peptides for dermocosmetic applications
- **Dr.ssa Giuliano Elena Giulia** - Pharmacological and functional analysis of genes involved in colorectal cancer drug resistance
- **Dr.ssa Gatti Laura** - Prognostic role of cytofluorimetry in pediatric connective tissue diseases: a prospective study
- **Dr. Mattolini Lorenzo** - Design and synthesis of new metallo-beta-lactamase inhibitors to fight antibiotic resistance

- **Dr.ssa Panozzi Federica** - Role of adenosine A_{2B} receptors during de- and re-myelination process in different mouse brain regions: an in vivo study
- **Dr.ssa Pisini Sara** - Modeling mTOR pathway dysregulation in patient-derived neurons
- **Dr.ssa Vannucchi Camilla** - Natural active-based NLC hydrogels combining pomegranate oil and *Sedum telephium* polysacchari

12:00-13:00 Poster Session – XL cycle

13:00-14:30 Lunch Break

14:30-15:15 Flash Talk – XXXIX cycle

Moderator: *Dr.ssa Calenda Sara e Dr. Farahvachi Paraham*

- **Dr.ssa Bocchi Emanuela** - A 3D Air Liquid Interface Lung Model to Assess IPF Epithelial-Mesenchymal Crosstalk
- **Dr.ssa Digilio Irene** - Comparison of HS-SPME, Vac-HS-SPME and HiSorb pre-concentration techniques for profiling of volatile compounds in monovarietal extra virgin olive oil using GC \times GC-MS
- **Dr.ssa Fiani Silvia** - Thermosensitive Multitarget Hydrogels for the Treatment of Infected Skin Ulcers: The CUTESA Project
- **Dr.ssa Galli Ilaria** - Use of precision therapy in neurodevelopmental disorders and epileptic encephalopathies related to mutation in the *GRIN* genes
- **Dr.ssa Mastrolia Maria** - Epigenetic profile of pediatric behçet disease
- **Dr.ssa Molli Alice** - SARM1-driven metabolic collapse as a novel anticancer strategy
- **Dr. Renzi Gioele** - Dual Inhibition of Carbonic Anhydrase IX and Glutathione Peroxidase 4 as a Novel Strategy for Ferroptosis-Induced Tumor Cell Death
- **Dr.ssa Sforzi Lucrezia** - Toward Eco-Friendly SPPS: A Case Study on ArgirelineTM and Pal-GHK-OH Peptides
- **Dr.ssa Vagnoni Giulia** - 5,7-Diaminothiazolo[5,4-d]pyrimidine derivatives as new CK1 δ Inhibitors for the treatment of neurodegenerative diseases and cancer

15:15-16:30 Poster Session – XXXIX cycle

16:30-16:45 Regards – *Prof. Di Cesare Mannelli Lorenzo*