

PhD Course in Drug Sciences

Research Topic – XXXVIII Cycle

Cycle	Surname	Name	Research Topic	Supervisor
XXXVIII	Boraschi	Marianna	Novel antibiotic-based dry powder system targeting pulmonary infections in non-cystic fibrosis bronchiectasis	Prof. Alessandra Rossi
XXXVIII	Buoli Comani	Valeria	Fighting antimicrobial resistance: <i>Staphylococcus aureus</i> hemophores as new antibiotic targets	Prof. Serena Faggiano
XXXVIII	Caraua	Georgeta	Innovative airway targeted drug delivery strategies for respiratory viral infections treatment	Prof. Fabio Sonvico
XXXVIII	Castagnini	Francesco	Physico-chemical properties evaluation in early drug discovery	Prof. Marco Mor
XXXVIII	De Angelis	Davide	Additive manufacturing of API formulations tailoring oral administration for preclinical research purposes	Prof. Alessandra Rossi
XXXVIII	De Nardis	Ilaria	Characterization of structure and dynamics of target proteins and the effects of macro- and micromolecular interactors by spectroscopic and spectrometric techniques	Prof. Stefano Bruno
XXXVIII	Ferrari	Francesca Romana	Pharmacological characterization of new compounds aimed at inhibiting Eph-ephrin interaction	Prof. Massimiliano Tognolini
XXXVIII	Germani	Saveria	Development of nanobodies-based inhalation powders for therapeutic immune response in the lungs	Prof. Ruggero Bettini
XXXVIII	Glieca	Stefania	Drug delivery platforms for the inhalation of biologics research plan	Prof. Francesca Buttini
XXXVIII	Guazzetti	Debora	Innovative, asymmetric synthesis routes in the quest for bioactive, chiral heterocyclic compounds	Prof. Claudio Curti
XXXVIII	Signorini	Sara	Innovative strategies for the delivery of neuroprotective compounds to the posterior segment of the eye	Prof. Sara Nicoli
XXXVIII	Spagnoli	Marco	High resolution mass spectrometry in the clinical laboratory: targeted methods and untargeted screening	Prof. Federica Vacondio
XXXVIII	Ugolotti	Martina	Impact of lipid metabolism derangement and its pharmacological modulation in neurodegenerative disorders: in vitro and in vivo studies	Prof. Francesca Zimetti
XXXVIII	Viglioli	Martina	LC-HRMS-based metabolomics for drug discovery and development	Prof. Silvia Rivara
XXXVIII	Yamukujje	Clementine	Search for Plant-Derived Secondary Metabolites and Synthesis of Natural Products Mimics for the treatment and management of Inflammatory diseases through NLRP3/Caspase-1/IL-1 β signaling pathway	Prof. Gabriele Costantino