

Cycle	Surname	Name	Research Topic	Supervisor
XXXIII	Altay	Ayça	Effect of mannitol physico-chemical and solid-state characteristics on aerosolization performances of powders for inhalation	Prof. Ruggero Bettini
XXXIII	Angel Alarcon	Diana Carolina	Design and development of innovative formulations with low environmental impact for to swine breeding	Prof. Ruggero Bettini
XXXIII	Bugatti	Kelly	New integrin-targeted small molecule peptidomimetics, their covalent conjugates and nanomaterials for therapeutic and diagnostic applications	Prof. Lucia Battistini
XXXIII	De Bei	Omar	Complex between S. aureus hemophore and human hemoglobin as a target for novel antimicrobial agents against MRSA. From complex characterization to compounds identification.	Prof. Barbara Campanini
XXXIII	Ghidini	Andrea	Design and synthesis of novel NAPE-PLD inhibitors	Prof. Daniele Piomelli
XXXIII	Palese	Luca	New strategies for fast multimodal analgesia for the treatment of moderate-to-severe pain	Prof. Cristina Padula
XXXIII	Palese	Simone	Eph-ephrin modulation of intestinal inflammation: the role of the immune system	Prof. Elisabetta Barocelli
XXXIII	Quarta	Eride	Inhalation drug products of loaded calcium phosphate nanoparticles for heart targeting	Prof. Fabio Sonvico
XXXIII	Ribeiro Bitencourt	Antonio Paulo	Development of lecithin/chitosan nanoparticles decorated with glycyhrrizin for the treatment of breast cancer	Prof. Alessandra Rossi
XXXIV	Bertocchi	Laura	Investigation of the influence of hyaluronic acid molecular weight on characteristics and behaviour of nanoparticles for pulmonary drug delivery	Prof. Ruggero Bettini
XXXIV	Delfino	Danila	Human endogenous DNase as a potential therapy for pulmonary complications in cystic fibrosis patients	Prof. Claudio Rivetti
XXXIV	Fantini	Adriana	Innovative strategies for non-invasive vaccines administration	Prof. Patrizia Santi
XXXIV	Papotti	Bianca	Investigating the pathophysiological role of the proprotein convertase subtilisin/kexin type 9 (PCSK9) in inflammation and lipid metabolism	Prof. Franco Bernini
XXXIV	Pavone	Marialaura	Synthesis and characterization of new enhancers for Antimicrobial therapy	Prof. Gabriele Costantino
XXXIV	Ronca	Annalisa	Functionality of serum lipoproteins: from the characterization in genetic and metabolic disorders to the identification of a possible pharmacological target	Prof. Elda Favari
XXXV	Allodi	Marika	EphA/ephrin - A system in acute and chronic inflammation	Prof. Simona Bertoni
XXXV	D'Angelo	Davide	Particle engineering applied for development of dry powders for inhalation containing biotechnological drugs	Prof. Francesca Buttini
XXXV	Elisi	Gian Marco	Modelling the binding process for hydrophobic ligands of GPCRs	Prof. Alessio Lodola
XXXV	Ghezzi	Martina	Tackling biological barriers using nanosystems	Prof. Sara Nicoli
XXXV	Gonzalez Fernandez	Felipe Manuel	Development of ex-vivo models for smart screening of novel colloidal ocular fomulations	Prof. Silvia Pescina
XXXV	Marcantonio	Enrico	Development of new asymmetric vinylogous reactions for the synthesis of biologically relevant heterocyclic chemotypes	Prof. Franca Zanardi

XXXV	Martina	Maria Grazia	ORIGINALE CHEMIAE in antiviral strategy – evolution-inspired chemistry to develop new Broad Spectrum Antivirals	Prof. Marco Radi
XXXV	Michielon	Annalisa	L- e D- serine biosynthesis in the brain	Prof. Stefano Bruno
XXXV	Picchi	Elena	The role of MST in drug discovery of protein kinases inhibitors	Prof. Marco Mor
XXXV	Remaggi	Giulia	Liquid chromatography-mass spectrometry proteomics for screening of endocrine disruptors effects on in-vitro 2D and 3D thyroid models	Prof. Lisa Elviri
XXXVI	Bergamo	Diletta	Design and Synthesis of antimicrobial peptidomimetic membranolytic compounds	Prof. Marco Pieroni
XXXVI	Bua	Emanuela	NMR in drug design: an innovative toolbox to guide conformational analysis of free ligands in solution	Prof. Marco Mor
XXXVI	Cozzi	Monica	Proteins involved in <i>Staphylococcus aureus</i> iron assimilation pathway: characterization and targeting for the development of new molecules with antimicrobial activity or adjuvants of antimicrobial therapy	Prof. Stefano Bettati
XXXVI	Giulio	Luca	Innovative strategies for non-invasive treatment of non-melanoma skin cancers (NMSCs)	Prof. Patrizia Santi
XXXVI	Guidetti	Lorenzo	Design and synthesis of new EphA2 receptor antagonists	Prof. Alessio Lodola
XXXVI	Ogliari	Chiara	Design and development of microparticulate/nanoparticulate inhalable dry powders of antimicrobial peptides for MDR <i>Esophage</i> pathogens causing pulmonary infections	Prof. Alessandra Rossi
XXXVI	Palumbo	Marcella	Evaluation of functional serum lipid profile and its modulation in clinical settings linked to high cardiovascular risk	Prof. Francesca Zimetti
XXXVI	Sorgi	Daisy	Innovative drug delivery strategies for innate immunity stimulation	Prof. Ruggero Bettini
XXXVII	Barbieri	Francesca	Design and synthesis of new compounds for cystic fibrosis and related diseases	Prof. Marco Radi
XXXVII	Bazzoli	Gianluca	New inhalation drug delivery systems for the treatment of pulmonary fibrosis	Prof. Ruggero Bettini
XXXVII	Bova	Stefania	Protein labeling for interaction studies with drugs and biomolecules	Prof. Luca Ronda
XXXVII	Galvani	Francesca	A computational platform for multiscale simulations and machine learning in drug discovery	Prof. Alessio Lodola
XXXVII	Giaccari	Roberta	Polyunsaturated fatty acids of antarctic diatoms: metabolic biodiversity and sustainable production	Prof. Stefano Bruno
XXXVII	Giannessi	Lisa	The 12 principles of green chemistry applied to the development of innovative lipid-lowering drugs targeting PCSK9	Prof. Marco Radi
XXXVII	Guareschi	Fabiola	Nanoparticles formulations for the nose-to-brain delivery of peptide drugs	Prof. Fabio Sonvico
XXXVII	Maglie	Luigi	New formulation approaches for reducing the environmental impact of artificial insemination in pig farming	Prof. Ruggero Bettini
XXXVII	Restori	Margherita	Development of new integrin-targeted peptidomimetics and conjugates for selective imaging and drug delivery	Prof. Franca Zanardi
XXXVII	Spaggiari	Chiara	Investigation of plant derived secondary metabolites as Ahr modulators	Prof. Gabriele Costantino

XXXVII	Zaccarelli	Alessandro	Sustainable optimization of Alfalfa biorefinery operations for high-quality multiple end-products	Prof. Lisa Elviri
XXXVII	Zappia	Alfonso	Pharmacological characterization of new compounds aimed at inhibiting Eph-ephrin interaction in glioblastoma	Prof. Massimiliano Tognolini
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	Yamukujije	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