



Dipartimento di Farmacia e Biotecnologie - FaBiT

## **3<sup>rd</sup> B2F2 Retreat**

**28 Luglio 2022, ore 13:45-18:30**

**AULA 1 SCIENZE FARMACEUTICHE, Via Belmeloro 6**

*I dottorandi del XXXVII ciclo del corso di dottorato B2F2 (Scienze Biotecnologiche, Biocomputazionali, Farmaceutiche e Farmacologiche) discuteranno i propri progetti mediante una presentazione di 10 min, a cui seguiranno domande da parte della commissione ed eventualmente dei dottorandi presenti, per un totale di 15 minuti max a candidato*

PROGRAMMA DELL'EVENTO:

### **13:45 Introduzione e saluti della coordinatrice**

14:00 ***"Fatty acids containing lipids and Membrane Lipid Therapy in Regenerative Medicine"*** Gessica Batani

14:15 ***"Preliminary results on the characterization of the gut and milk microbiota in Göttingen Minipig sows treated with amoxicillin during lactation"*** Silvia Bencivenni

14:30 ***"The role of gut microbiome in oncological diseases and its interaction with the latest therapeutic approaches"*** Gabriele Conti

14:45 ***"Emerging contaminants and health: from the study of the effects of endocrine disruptors on human and environmental health to the development of strategies for their characterization"*** Camilla Corrieri

15:00 ***"Investigating the effects of novel chronic pain combinational treatments on opioid receptors expression and activation to develop a Quantitative Systems Pharmacology platform"*** Elisabetta Cuna

15:15 ***"Characterisation of persistence, bioaccumulation and toxicity of biologically active compounds with machine learning-based methods"***  
Dominga Evangelista

15:30 ***"Sustainable production of nutraceuticals and bioactives from food waste: application to Cashew Nut Shell Liquid (CNSL)"*** Bianca Martinengo

15:45 ***"Discovery and development of small molecules to inhibit DNA damage response and induce synthetic lethality in cancer cells"*** Andrea Ciamarone

### **16:00-16:20 Coffee Break**

16:20 ***"Investigation about the expression of cellular elements that are involved during the B19V infection"*** Erika Fasano

16:35 ***"Design and synthesis of RAD51-BRCA disruptors to inhibit homologous recombination and achieve synthetic lethality in cancer cells"*** Giovanni Ferrandi

16:50 ***"The endocannabinoid system and early social experiences: sex- and age-related molecular alterations and behavioral correlates"*** Loredana Maria Losapio

17:05 ***"Microbiome-based applications for sustainable food production and waste-streams valorization"*** Enrico Nanetti

17:20 ***"BD4AP: Big Data for Alzheimer's Disease Polypharmacology"*** Maria Giulia Prado

17:35 ***"Green approaches for the development of highly bioavailable oral drug delivery systems"*** Stefano Sangiorgi

17:50 ***"Fanconi Anemia proteins as targets for Synthetic Lethality: a novel approach for Pancreatic Cancer"*** Irene Casamassima

18:05 ***"Proteolysis targeting chimeras (PROTACs) to treat leishmaniasis: computational and experimental approaches"*** Eleonora Testi

### **18:20 Cocktail di saluto!**

Si ringraziano i commissari esterni Prof. Stefano Bruno (Università di Parma), Prof. Alessio Lodola (Università di Parma), Prof. Andrea Tarozzi (Università di Bologna) per la partecipazione  
*I tutor, i dottorandi e i docenti sono invitati*