



UNIVERSITÀ
DEGLI STUDI
DI MILANO



Research Retreat

September 21st, 2023 – Aula Co3
via Mangiagalli 25, Milan

9:30 Registration

9:50 Welcome Message by Prof. Maria Luisa Gelmi, DISFARM Director

10:00 SEMINAR | Annunziata Cummaro, Materias (Chairman: Davide Marangon)
"Leading innovation and creating value in life sciences"

10:45 Coffee break

SESSION 1 – Oral communications

Chairpersons: Davide Lecca and Giulia Cazzaniga

11:15 Crescenzo Coppa

"Predicting peptide folding: our experience using different force fields and solvent models"

11:30 Lorenzo Suigo

"Benzodioxane-benzamides as FtsZ inhibitors able to interfere with Gram-positive and Gram-negative bacterial growth"

11:45 Alessia Becchetti

"Long Covid-19 Syndrome: insights into the contribution of platelet activation to pulmonary impairment"

12:00 Matteo Mori

"Optimizing the drug discovery process for the development of MbtI inhibitors as promising anti-virulence agents against TB"

SESSION 2 – Oral communications

Chairpersons: Raffaella Bucci and Francesco Rama

12:15 Juliana Castro e Silva Crescenzo Coppa

Targeting the GPR17 receptor to counteract oligodendrocyte maturation failure during multiple sclerosis inflammation ""

12:30 Martina Bottoni

"The Department's green heart, from the Botanic Garden to ethnobotany"

12:45 Tommaso Gandini

"Innovative photoredox-catalyzed approach for the synthesis of peptidomimetic"

13:00 Elisa Vettorato

"Effect of the pretreatment with microneedles on the skin penetration of cationic liposomes"

13:15 Lunch break

14:30 SEMINAR | Paolo Caliceti, Università di Padova (Chairwoman: Silvia Franzè)
"Supramolecular functional materials for nucleic acid delivery"

SESSION 3 – Oral communications

Chairpersons: Lien Tran and Letizia Molteni

15:15 Giulia Anderluzzi

"Manufacturing lipid nanoparticles for effective delivery of DNA therapeutics"

15:30 Rebecca Ferrisi

"Design, synthesis, and biological evaluation of bitopic ligands for novel strategies targeting cannabinoid receptors"

15:45 Elisa Brambilla

"Photocatalytic strategies for the synthesis of complex heterocyclic scaffolds"

16:00 Stefano Muzzioli

"Remodulation of H3K14 acetylation might promote M. tuberculosis clearance"

SESSION 4 – Oral communications

Chairpersons: Angelica Mazzolari and Erasmo Ragucci

16:15 Saliha Moutaharrik

"Formulation of *Odoribacter Splanchnicus* for oral colon delivery: potential for bacteriotherapy"

16:30 Enrico M.A. Fassi

"Targeting Inflammation Driven by HMGB1: computational studies and biological investigations"

16:45 Kaliroi Pequini

"A peptidomimetic approach towards AGel amyloidosis inhibition"

17:00 Giovanna Pepe

"Unraveling the role of estrogen signaling in inflammation"

17:15 Best oral presentation and photo contest awards

17:30 Happy hour

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