



BtBsDay 2022

Martedì 13 dicembre, 9.00 - 17.30, Aula "Luisella Sironi"

Programma

9.00 - Apertura e saluti istituzionali

Sessione I: Chairs: **Sara Mercurio, Roberta Baldi**

9.15 - Federica Barbugian, *Model of 3D bioprinted glioblastoma for drug screening and understanding the role of ECM in malignancy*

9.30 - Francesca Cadamuro, *Glycosignature in 3D-printed extracellular matrix in gastrointestinal cancer*

9.45 - Veronica Krenn, *Engineering human brain organoids to study the biology underlying neurodevelopmental disorders*

10.00 - Giulia Stucchi, *Role of danger and microbial signals in neutrophils subpopulations recruitment during infection*

10.15 - Giuseppe Rocca, *Unravelling the human type 3 dendritic cells murine homologue: from scRNAseq cross-species integration to an adenocarcinoma mouse model*

10.30 – Coffee Break

Sessione II - Chair: Immacolata Serra

11.00 - Elisa Perciballi, *Characterization of the p.L145F and p.S135N mutations in SOD1: impact on the metabolism of fibroblasts derived from Amyotrophic Lateral Sclerosis Patients*

11.15 - Bruno Galuzzi, *Machine Learning for Efficient Prediction of Protein Redox Potential: The Flavoproteins Case*

11.30 - Martina Arici, *SERCA2a protein purification to study interaction between SERCA2a-PLN complex and new istaroxime follow-on compounds*

11.45 - Laura Clara Grandi, *Do orexin and Dopamine interact in ventral tegmental area? Implications for Narcolepsy*

12.00 - Claudia Maniezzi, *PLN-R14del mutation: pathogenetic mechanism in a transgenic mouse model of dilated cardiomyopathy*

12:15 - Paola Branduardi, *intervento sulla Commissione Dipartimentale Industria e Territorio*

12.30 - Pausa pranzo e sessione POSTER

13.30 - sessione POSTER

Sessione III - Chairs: Luisa Fiandra, Stefania Garbujo

14.30 - Alessio Romerio, *Synthesis Optimization and Biological Characterization of New Toll-Like Receptor 4 (TLR4) Modulators*

14.45 - Ana Rita Franco, *Development of New Toll-Like Receptor 4-directed Adjuvants and Clarification of their Mechanism of Action*

15.00 - Alessandra De Giani, *In vitro reconstructed human gut microbiota as a new tool for bacterial interaction studies*

15.15 - Sara Fumagalli, *Facing the challenges of non-standardized data: a curated meta-analysis on skin microbiome in aging*

15.30 - Alessandro Marchetti, *Mn²⁺ binding enhances mesophilic properties of an Antarctic esterase*

15.45 - Coffee Break

16.15 - I social media nella comunicazione scientifica (Tavola Rotonda)

Moderatore: **Stefano Bertacchi**

Invitato: **Diego Di Donato**, Social media & community manager UNIMIB

Interverranno: **Alessandra De Giani** (YouTube), **Martina Arici** (Instagram), **Marco Orlandi** (LinkedIn), **Reinaldo Alvarez** (Twitter)

17.15 - Consegna premi e Chiusura evento