

6th BioMeTra Workshop

September 20, 2022

Aula Magna, LITA Building –Segrate (MI)

Program

9:00-9:30 Registration

9:30-10:00 Welcome and Introduction

10:00-11:10 – Session 1

10:00 – Marco Cafora & Nicoletta Loberto - “Evaluation of phages and liposomes as combination therapy to counteract *Pseudomonas aeruginosa* infection in wild-type and CFTR-null models”

10:20 – Marco Venturin - “Transcriptome and proteome analysis during the metamorphosis of the ascidian *Ciona intestinalis*”

10:35 – Thomas Carzaniga - “Rapid multiplex serological profiling of SARS-CoV-2 variants by optical biosensor array”

10:50 – Elena Borroni - “Reduced G protein signaling despite impaired internalization and β -arrestin recruitment in patients carrying a novel CXCR4Leu317fsX3 mutation causing mild WHIM syndrome”

11:10-11:40 Coffee Break

11:40-12:35 – Session 2

11:40 – Alessandro Frigo, Sara Terzoli, Simone Balin & Paolo Marzano - “Longitudinal single-cell RNA sequencing profiling of innate immune cells following SARS-CoV-2 mRNA-based vaccination”

12:05 – Silvia Federici - “Pubertal induction in girls with hypogonadism: estrogen replacement therapy outcomes and optimization of progesterone introduction”

12:20 – Vittoria Spero - “Vulnerability and resiliency to anhedonia are associated with alterations of the oxidative balance in the ventral hippocampus of stressed rats”

12:35 – Stefano Gianoli - “Sars-Cov-2 infection of human macrophages”

12:50-13:00 Short Talks

13:00-15:00 Lunch & Poster Session

15:00-15:45 External Guest

15:00 – Marcello Massimini - “Slow wave and brain complexity in disorders of consciousness and stroke”

15:45-16:30 – Session 3

15:45 – Elena Del Favero, Paola Brocca - “Structural characterization of Nanovectors for gene and drug delivery”

16:05 – Michaela Fakiola - “Characterization of the epigenic profile shaping human CD4+ T regulatory cell identity in the tumor microenvironment”

16:20 – Giuseppina De Rocco - “Pharmacological modulation of neuronal activity for the treatment of Rett syndrome”

16:35-16:45 Conclusions & Awards

16:45 Aperitif



Website: <https://sites.google.com/view/5th-biometra-workshop/home>

Contact: biometra.seminars@unimi.it

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Posters

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The logo for MERCK, consisting of the word 'MERCK' in a bold, blue, sans-serif font.

The logo for CYANAGEN, featuring the word 'CYANAGEN' in a blue, sans-serif font above a horizontal rainbow-colored oval, with the tagline 'Reagents for Molecular Biology' in a smaller font below it.



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