



Understanding the nano-bio interactions

Friday, February 23, 2024

(Natta Room, Building 6, Campus Leonardo, Politecnico di Milano)

SCIENTIFIC SESSION 1

Chair: Francesca Baldelli Bombelli

- 09:10 – 10:00 **Ben Boyd**
University of Copenhagen, Department of Pharmacy, Structured Biointerfaces Group, Denmark
Interactions of pharmaceutical delivery particles with gastrointestinal fluids and potential formation and role of gastrointestinal corona
- 10:00 – 10:30 **Debora Berti**
Department of Chemistry Ugo Schiff, University of Florence, Italy
Leveraging biomolecular interactions from the nano to the meso-scale to build hybrid systems
- 10:30 – 11:00 **Elisa Fasoli**
Dept. Chem., Mater., and Chem. Eng. "Giulio Natta", Politecnico di Milano, Italy
The importance of protein corona on functionalized nanocarriers for drug delivery.
- 11.00 – 11.15 Break

SCIENTIFIC SESSION 2

Chair: Valentina Dichiarante

- 11:15 – 11:45 **Ivana Fenoglio**
Department of Chemistry, University of Torino, Italy
Biological consequences of micro/nanoparticles biomolecular coronas
- 11:45 – 12:15 **Shinji Kihara**
University of Copenhagen, Department of Pharmacy, Structured Biointerfaces Group, Denmark
Biomolecular corona at the interface with nanoparticles and cellular surfaces
- 12.15 – 12.45 **Beatrice Bona**
Dept. Chem., Mater., and Chem. Eng. "Giulio Natta", Politecnico di Milano, Italy
Comprehending nanoparticles protein corona formation in physiological flow environments

Partecipazione all'evento è gratuita ma la **registrazione è obbligatoria** a questo [link](#)

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