



Chemistry meets Biology

Friday, July 14th, 2023

Room Pedferri, Department of Chemistry, Materials and Chemical Engineering
Giulio Natta (Building 6), Campus Leonardo

09:30 – 09:45 **Francesca Baldelli Bombelli**
Dept. Chem., Mater., and Chem. Eng. "Giulio Natta", Politecnico di Milano, Italy
Welcome Addresses

SCIENTIFIC SESSION 1

Chair: *Francesca Baldelli Bombelli (Polimi)*

09:45 – 10:30 **Prof. Manuela Basso - Keynote lecture**
Department of Cellular, Computational and Integrative Biology, University of Trento
Cell-to-cell communication in neurodegenerative diseases: the challenges and opportunities in analyzing extracellular vesicles

10:30 – 10:50 **Claudia Pigliacelli**
Dept. Chem., Mater., and Chem. Eng. "Giulio Natta", Politecnico di Milano, Italy
Peptides and proteins as functional templates for gold nanomaterials

10.50 – 11.15 Coffee Break

SCIENTIFIC SESSION 2

Chair: *Alessandro Gori (SCITEC-CNR)*

11:15 – 12:00 **Prof. Daniela Marasco- Keynote lecture**
Department of Pharmacy, Università degli Studi di Napoli Federico II
Proteomimetics of interfaces of protein-complexes: novel therapeutics in cancer

12:00 – 12:20 **Greta Bergamaschi**
Institute of Chemical Science and Technologies (SCITEC-CNR)
Hybrid Peptide-Agarose Hydrogels for 3D Bioassays

12.20 – 12:40 **Renzo Vanna**
Institute for Photonics and Nanotechnologies (IFN-CNR)
Bridging the Gap from Whole Body to Subcellular Level using Bioorthogonal Fluorinated Probes for MRI and Raman Microscopy

12:40 – 12:50 **Alessandro Gori**
Institute of Chemical Science and Technologies (SCITEC-CNR)
Closing remarks

Organized by:

[SupraBioNanoLab](#),
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