

Hybrid materials for health and biological applications

Dra. Luisa De Cola

Universidad de Milán

- **Miercoles 23 de Septiembre a las 13 horas**
- **Aula: RFP 3er piso DQIAQF/INQUIMAE**
- **Streaming por el canal de YouTube del DQIAyQF**

Resumen

Prof. Luisa De Cola de la Universidad
de Milan (<https://www.decolalab.com/research/>)

Está de visita en el marco del proyecto MSCA-Staff Exchange "Program
material".



SYMPOSIUM

Supramolecular Assemblies and Nano-/Mesoporous Structures: From Synthesis and Characterization to Biomedical Applications



Wednesday,
September 23, 2026



Aula de seminarios RFP
INQUIMAE – 3er piso / FCEN / UBA

09:30 – 09:50

● **Paula Angelome** (INN, CNEA-CONICET)
Mesoporous thin films: a platform for the construction
of sensing and catalytic devices

09:50 – 10:10

● **José Hodak** (INQUIMAE/DQIAyQF)
Electrostatic Confinement Effects on the Diffusive
Transport in Mesoporous TiO_2

10:10 – 10:30

● **Ianina Violi** (INS-UNSAM)
Optical tools for the manipulation and study of individual
metallic nanoparticles

10:30 – 10:45



Coffee Break

10:50 – 11:10

● **Agustín Picco** (INIFTA-UNLP-CONICET)
Nanoparticles in Biological Media: Elucidating protein
adsorption and colloidal behaviour

11:10 – 11:30

● **Damián Álvarez Paggi** (IIB-UNSAM)
A modular protein/RNA self-assembling platform for
programmable immunoengineering

11:30 – 11:50

● **Matías Villarruel Dujovne** (FIL-IBBA)
Lateral flow cell-free transcriptional assay for contaminant
detection

12:00 – 13:00



Lunch

13:00 – 14:00

● **Prof. Luisa De Cola** (University of Milan)
Hybrid materials for health and biological applications



Program-Material

Programmable Bionanomaterials
with Protein-Controlled Behavior

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