



POLITECNICO

MILANO 1863

DIPARTIMENTO DI CHIMICA,
MATERIALI E INGEGNERIA CHIMICA
GIULIO NATTA

From Nanomedicine to Precision Medicine

Friday, June 18, 2021

Registration: [Form](#)

09:00 – 09:15 **Pierangelo Metrangolo**
Dept. Chem., Mater., and Chem. Eng. “Giulio Natta”, Politecnico di Milano, Italy
Welcome Addresses

SCIENTIFIC SESSION 1

Chair: *Valentina Dichiarante*

09:15 – 10:00 **Andrew Whittaker**
Australian Institute for Bioengineering and Nanotechnology, University of Queensland, Australia
Polymer ¹⁹F-MRI Agents: Influence of Molecular Architecture on Imaging Performance and Bio-Nano Interactions

10:00 – 10:30 **Lammers Twan**
Department of Experimental Molecular Imaging, RWTH Aachen University Clinic, Germany
Smart Strategies to Improve Cancer Nanomedicine Performance

10:30 – 11:00 **Francesca Baldelli Bombelli**
Dept. Chem., Mater., and Chem. Eng. “Giulio Natta”, Politecnico di Milano, Italy
Fluorinated Branched Reporters as Innovative Bio-Tools in Medicine

11.00 – 11.15 Break

SCIENTIFIC SESSION 2

Chair: *Gabriella Cavallo*

11:15 – 11:45 **Khuloud Al-Jamal**
Drug Delivery & Nanomedicine, Kings College London, UK
Selection of Fluorescent, Bioluminescent, and Radioactive Tracers to Accurately Reflect Extracellular Vesicle Biodistribution in Vivo

11:45 – 12:15 **Francesco Cellesi**
Dept. Chem., Mater., and Chem. Eng. “Giulio Natta”, Politecnico di Milano, Italy
Polymers with Controllable Architecture, Functionality, and Self-Assembly for Targeted Delivery of Low Molecular Weight Drugs and Therapeutic Proteins

12.15 – 13:00 **Jesus Santamaria**
Dept. Chem. Eng., University of Zaragoza, Spain
Changing Perspective in Cancer Treatment: Catalytic Nanoparticles as New Tools in Oncology

Organized by:

[SupraBioNanoLab](#)

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Politecnico di Milano



Contacts:

Francesca Baldelli Bombelli
Pierangelo Metrangolo

E-mail: francesca.baldelli@polimi.it

E-mail: pierangelo.metrangolo@polimi.it

phone: +39.02.2399.4745

phone: +39.02.2399.3041