



UNIVERSITÀ
DI TORINO



Dipartimento di Scienze
Cliniche e Biologiche
Dipartimento di
Eccellenza 2023-2027

14th Workshop of Advanced Microscopy Techniques for Biomedical Applications

Organizers: Prof. Saverio Francesco Retta and Dr. Elisa De Luca
Info/Registration: andrea.perrelli@unito.it

School of Medicine and Surgery, "San Luigi" Didactic Center (*red classroom*), Regione Gonzole 10, Orbassano (TO)
Elective Didactic Activity: in-person seminars and live webinars

SPEAKERS



Prof. S. Francesco Retta
University of Torino, Torino, Italy



Dr. Riccardo Rizzo
CNR-NANOTEC, Lecce, Italy



Prof. Giulia Ronchi
University of Torino, Torino, Italy



Dr. Elisa De Luca
CNR-NANOTEC, IIT-CBN, Lecce, Italy



Dr. Antonio Galeone
CNR-NANOTEC, Lecce, Italy



Dr. Souvik Kar
INI, Hannover, Germany



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21 May 2025	22 May 2025	23 May 2025
09:30-11:00 Prof. S. Francesco RETTA <i>Department of Clinical and Biological Sciences, University of Torino, Torino, Italy</i> From micro to nano: breaking the diffraction barrier	10:00-12:00 Dr. Elisa DE LUCA <i>CNR-NANOTEC, IIT-CBN), Lecce, Italy</i> Optical Nanoscopy: recent trends for biomedical imaging	09:30-10:30 Prof. Giulia RONCHI <i>Department of Clinical and Biological Sciences, University of Torino, Torino, Italy</i> Transmission Electron Microscopy: A Powerful Lens into the Peripheral Nervous System
11:00-13:00 Prof. S. Francesco RETTA <i>Department of Clinical and Biological Sciences, University of Torino, Torino, Italy</i> Glowing proteins: guiding stars for biosciences	12:00-13:00 Dr. Riccardo RIZZO <i>CNR-NANOTEC, Lecce, Italy</i> Advanced Light Microscopy in membrane trafficking: from basic biology to disease mechanisms	11:00-12:00 Dr. Souvik KAR <i>INI, International Neuroscience Institute, Hannover, Germany</i> Immunohistochemical analysis of human brain tumors and cerebrovascular diseases
	14:30-15:30 Dr. Antonio Galeone <i>CNR-NANOTEC, Lecce, Italy</i> Genetics and genomics for precision medicine: the role of advanced microscopy	