

Training School 2018

MOLECULE IN(ter)ACTION: from *in vitro* to Zebrafish

Laboratory Activities Program

Zebrafish LAB:

Principal Investigator: Vincenzo Cavalieri

Staff: Giuseppina Turturici, Chiara Reina, Chiara Calascibetta.

Atomic Force Microscopy LAB:

Principal Investigator: Gianpiero Buscarino

Pulsed Electron Paramagnetic Resonance LAB:

Principal Investigator: Maurizio Marrale

Confocal Microscopy LAB:

Principal Investigator: Valeria Vetri

Staff: Anna Fricano, Estella Rao

Nanotechnologies and Molecular Devices LAB:

Principal Investigator: Bruno Pignataro

Staff: Giuseppe Domenico Arrabito

Raman Microscopy LAB:

Principal Investigator: Simonepietro Agnello

Staff: Angelo Armano

Fast LAB:

Principal Investigator: Fabrizio Messina

Timetable:

	6 february	7 february	8 february
AFM Microscopy Atomic force microscopy of Glucagon Fibrils	17:00 Group A	17:00 Group B	17:00 Group C
Confocal Microscopy Intensity based and lifetime based imaging	17:00 Group B	17:00 Group C	18:00 Group A
Pulsed Electron Paramagnetic Resonance What do the electron spins reveal about structural and functional properties of molecules?	17:00 Group C	18:00 Group A	18:00 Group B
Nanotechnologies and Molecular Devices Dip Pen Nanolithography of DNA on flexible substrates	18:00 Group A	18:00 Group B	18:00 Group C
RAMAN microscopy Graphene thermal modifications	18:00 Group B	18:00 Group C	17:00 Group A
FastLAB Ultrafast spectroscopy at fs scale	18:00 Group C	17:00 Group A	17:00 Group B

Group A	Jelica Milosevic, Claudia Capitini, Valerio Chiarini, Justina Kazokaitė
Group B	Silvia Romero Tamayo, Erika Aloï, Sofia Raniolo, Theo Battista
Group C	Fatemeh Reazei, Angela Capaccio, Ilaria Genovese, Ornella Morana