3D high content imaging
for the validation of new anti-cancer molecules
Final workshop, Regione Lazio research project INNOVA3DIMAGING

5th June 2024
Aula Franco Tatò (Sapienza University, Via dei Sardi 70, II floor)

9:30 Giulia Guarguaglini, Institute of Molecular Biology and Pathology, CNR
Opening and welcome

9:40 -10:10 Francesco Fiorentino, Department of Drug Chemistry and Technologies, Sapienza University
Multitarget-directed ligands: a new avenue in drug discovery

10:10 -10:40 Lucia Maddalena, Institute for High-Performance Computing and Networking, CNR
Artificial Intelligence for Cell Biology Imaging

10:40 -10:55 Federica Polverino, Institute of Molecular Biology and Pathology, CNR
Image analysis applications within INNOVA3DIMAGING: the ALFI database

10:55 -11:25 Daniele Ancora, EMBL Rome
Light-sheet microscopy and its applications to volumetric biomedical imaging

***11:25 -11:45* Coffee break*

11:45-12:15 Sara Maria Giannitelli, Campus Bio-Medico di Roma
Microfabrication technologies for the development of 3D in vitro models

12:15-12:45 Carlo Brighi, CrestOptics
X-Light V3 spinning disk: a confocal approach to explore 3D cellular complexity

12:45-13:15 Giacomo Cozzi, Nikon Europe BV
Nikon General Analysis: a software tool for 3D image quantification

13:15-13:30 Giulia Fianco, Institute of Molecular Biology and Pathology, CNR
3D imaging applications within INNOVA3DIMAGING: breast 3D cellular models

***15:00 -16:00* Meet the speakers*

*Participation will be limited to 60 attendees
to participate please send an email to: giulia.guarguaglini@uniroma1.it or francesca.degrassi@uniroma1.it*

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