

PACECOR
Theoretical and Practical Workshop on
**In Vitro Cellular Assays
for Drug Discovery**

**February 16th – 20th
University of Parma**

**Free registration (limited to 16 participants)
Registration form and program available at: [\[link\]](#)**

Topics

Computational methods for protein structure and protein-protein interactions - Dr. Giorgia Brancolini, CNR-NANO, Modena

Application of fluorescence and confocal laser microscopy - Dr. Bjoern Sieberer, Evident Europe GmbH

Application of multiphoton microscopy - Dr. Bjoern Sieberer, Evident Europe GmbH

Super resolution microscopy - Prof. Pietro Dalcaneale, University of Parma

Organoids and 3D cellular models - Prof. Paolo Lunghi, University of Parma

Cell adhesion, migration and invasion assays - Prof. Roberto Perris, University of Parma

Viral infection assays - Prof. Alfredo Garzino Demo, University of Padova

Assaying immune cells - Dr. Valentina Garrapa, Preclinics Italia Srl

Antibody internalization assays - Prof. Roberto Perris, University of Parma

Cellular assays in toxicology - Prof. Annamaria Buschini, University of Parma

Cellular interactions under flow conditions - Prof. Roberto Perris, University of Parma



DIPARTIMENTO DI ECCELLENZA

2018-2022
2023-2027

Organizer
Prof. Roberto Perris

Organizing Committee
Dr. Caterina Frati
Dr. Mirca Lazzaretti
Prof. Paolo Lunghi
Dr. Silvia Rossi

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