

Advances in Medical Bioimaging

Opening Symposium of the Nikon Centre of Excellence
Charité – Universitätsmedizin Berlin, Campus Mitte
Charité Cross Over, Charitéplatz 1/Virchowweg 6

September 22, 2015

16.00-16.15 Introduction

Christian Hagemeyer, Charité Berlin
Sumio Eimori, Nikon Amsterdam

16.15-17.15 Plenary

Frontiers in single-molecule based super-resolution microscopy
Markus Sauer, Würzburg

17.30 Opening of the Facility

September 23, 2015

9.00-9.45 Cell-type specific molecular imaging of cannabis effects by correlated confocal and super-resolution imaging using VividSTORM
Istvan Katona, Budapest

10.45-11.30 Intravital microscopy of cancer invasion, therapy response and impact of the microenvironment
Peter Friedl, Nijmegen

12.00 Poster & Lunch

13.30-14.15 FRET/FLIM imaging of protein interactions and molecular environments in cells
Fred Wouters, Göttingen

14.15-15.00 Neutrophil extracellular traps: Good and bad - not ugly
Volker Brinkmann, Berlin

16.00-16.45 Correlative light-electron microscopy (CLEM) of intra-cellular compartments
Judith Klumperman, Utrecht

17.30 Posters & Drinks

September 24, 2015

9.00-17.00 Introduction to the microscopic systems

There will be slots available for short talk presentations in all sessions (super-resolution, intravital & live-cell imaging, integrative microscopy). These will be selected from abstract submissions.

Registration is free of charge. The number of participants is limited and will be accepted on a first come, first serve basis.

For registration and the full program please refer to <http://imaging-cco.charite.de>