

Nanocell Colloquium II SS 2016

Friday 11th March 2016

Morning session

Organising PI: Norbert Müller

KHG 1

10:30 - 12:00

Journal Club

12:00 - 13:15 Lunch Break

Afternoon session

KHG 1

13:15 Reinhard Wimmer
(Aalborg University)

New NMR Tools for Studying Difficult Proteins and Protein-Ligand Interactions

Work in Progress Seminar (10 minutes presentation, 5 minutes questions)

PI

14:00 Petr Rathner

DK 12: Investigation of the STIM / ORAI PPI using Paramagnetic NMR.

Müller

14:15 Maria Österbauer

DK 7: Photochemical Control and Nanoscopic imaging of Protein Translocation.

Knör

14:30 Felix Faschinger

DK 11: Forces and dimensions of STIM - ORAI interaction.

Gruber

14:45 Lukas Traxler

DK 11: Forces and dimensions of STIM - ORAI interaction.

Gruber / Hinterdorfer

Nanocell Colloquium II SS 2016

Friday 22nd April 2016

Morning session

Organising PI: Peter Hinterdorfer

UG 1 (Gruberstraße 40, basement)

10:30 - 12:00

Journal Club

12:00 - 13:15 Lunch Break

Afternoon session

UG 1

13:15 Robert Ros (Arizona State University)

Force measurements for the quantification of molecular interactions, cell adhesion and cell mechanics

Work in Progress Seminar (10 minutes presentation, 5 minutes questions)

PI

14:00 Anny Fis

DK 6: Forces and Dynamics in protein translocation through the bacterial translocon.

Hinterdorfer

14:15 Sujitha Puthukodan

DK 3: Optical Nanoscopy.

Klar

14:30 Eljesa Murtezi

DK 3: Optical Nanoscopy.

Klar

Nanocell Colloquium II SS 2016

Friday 13th May 2016

Morning session

Organising PI: Christoph Romanin

UG 1 (Gruberstraße 40, basement)

10:30 - 12:00

Journal Club

12:00 - 13:15 *Lunch Break*

Afternoon session

UG 1

13:15 Ivan Bogeski
(University of Saarland)

Exploring the role of calcium and redox signals as determinants of cellular function

Work in Progress Seminar (10 minutes presentation, 5 minutes questions)

PI

14:00 Michael Stadlbauer

DK 10: STIM/Orai coupling and CRAC activation Romanin

14:15 Ekaterina Sobakinskaya

DK 8: Modelling of conformational transitions of fluorescent labelled proteins.

Renger

14:30 Svetoslav Nakov

DK 9: Electrostatic computations of FRET rate constants in fluorescent labeled proteins.

Kraus

Nanocell Colloquium II SS 2016

Friday 10th June 2016

Morning session

Organising PI: Gerhard Schütz

TU Vienna BA 08B (8th floor Chemiehochhaus Getreidemarkt 9)

10:30 - 12:00

Journal Club

12:00 - 13:15 *Lunch Break*

Afternoon session

TU Vienna GM 5 Praktikum HS (2nd basement Chemiehochhaus Getreidemarkt 9)

13:15 Joachim Spatz (Max Planck Institute for Intelligent Systems)

Collective Cell Migration Induced by Mechano- and Synthetic-Biology

Work in Progress Seminar (10 minutes presentation, 5 minutes questions)

PI

14:00 Martin Fölser

DK 2: Nanostructural Characterization of the Dendritic Cell Plasma membrane.

Schütz

14:15 Aglaja Kopf

DK 1: Probing receptor recycling in migrating leukocytes using photoactivation and single molecule imaging techniques.

Sixt

14:30 Silvia Caballero

DK 4: Cell sorting in Development.

Heisenberg