

Nanocell Colloquium I WS 2015/16

Friday 9th October 2015

Morning session

Organising PI: Günther Knör

S 2 048 (Science Park 2)

10:30 - 12:00

Journal Club

12:00 - 13:15 *Lunch Break*

Afternoon session

S 2 048 (Science Park 2)

13:15

Dominik Wöll
(RWTH Aachen)

Photoswitchable and photocleavable groups and their application to fluorescence microscopy

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

PI

14:00

Maria Österbauer

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

Knör

14:15

Petr Rathner

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

Müller

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 I WS 2015/16

Friday 6th November 2015

Morning session

Organising PI: Carl Philipp Heisenberg

Mondi 3 (IST Klosterneuburg)

10:30 - 12:00

Journal Club

12:00 - 13:15 *Lunch Break*

Afternoon session

Mondi 3 (IST Klosterneuburg)

13:15

Florence Marlow
(Albert Einstein Coll.
of Medicine, N.Y.)

Maternal regulators of oocyte polarity and germ cell development

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

PI

14:00

Aglaja Kopf

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

Sixt

14:15

Silvia Caballero

DK 4: Cell sorting in Development.

Heisenberg

14:30

Martin Fölser

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

Schütz

Nanocell Colloquium I WS 2015/16

Friday 04th December 2015 **Organising PI: Johannes Kraus**
Morning session **BA 9912 (JKU Main Campus)**

10:30 - 12:00 **Journal Club**

12:00 - 13:15 *Lunch Break*

Afternoon session **BA 9912 (JKU Main Campus)**

13:15 Sven Beuchler
 (Universität Bonn) Adaptive finite elements

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

14:00	Svetoslav Nakov	DK 9: Electrostatic computations of FRET rate constants in fluorescent labeled proteins.	Kraus
14:15	Sujitha Puthukodan	DK 3: Optical Nanoscopy.	Klar
14:30	Eljesa Murtezi	DK 3: Optical Nanoscopy.	Klar

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Friday 15th January 2016 **Organising PI: Peter Pohl**
Morning session **UG 1, Gruberstraße 40**

10:30 - 12:00 **Journal Club**

12:00 - 13:15 *Lunch Break*

Afternoon session **UG 1, Gruberstraße 40**

13:15 Eric Beitz
 (Kiel University) PfFNT - the missing lactate-proton symporter from malaria parasites

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

14:00	Mirjam Zimmermann	DK 5: The Mechanism of protein translocation through the bacterial translocon.	Pohl
14:15	Anny Fis	DK 6: Forces and Dynamics in protein translocation through the bacterial translocon.	Hinterdorfer
14:30	Michael Stadlbauer	DK 10: STIM/Orai coupling and CRAC activation	Romanin
14:45	Ekaterina Sobakinskaya	DK 8: Modelling of conformational transitions of fluorescent labelled proteins.	Renger
