

## Nanocell Colloquium II

**Friday 6<sup>th</sup> March 2015**      **Organising PI: Thomas Klar**  
**Morning session**      **HS 14 (JKU main campus)**

10:30 - 12:00      **Journal Club**

12:00 - 13:15      *Lunch Break*

**Afternoon session**      **HS 14 (JKU main campus)**

13:15      Jan Vogelsang (Univ. of Regensburg)      "Unravelling the photophysics of single and multi-chromophoric molecules for biological and material science applications"

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

14:00      Sujitha Puthukodan      DK 3: Optical Nanoscopy.      Klar

14:15      Anny Fis      DK 6: Forces and Dynamics in protein translocation through the bacterial translocon.      Hinterdorfer

14:30      Maria Österbauer      DK 7: Photochemical Control and Nanoscopic imaging of Protein Translocation.      Knör

## Nanocell Colloquium II

**Friday 10<sup>th</sup> April 2015**      **Organising PI: Michael Sixt**  
**Morning session**      **Seminar room Mondi 3 (IST Klosterneuburg)**

10:30 - 12:00      **Journal Club**

12:00 - 13:15      *Lunch Break*

**Afternoon session**      **Seminar room Mondi 3 (IST Klosterneuburg)**

13:15      Philippe Chavier (Institut Curie, Paris)      Mechanism of Matrix Metalloproteinase secretion during breast tumor cell invasion

**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 II

Friday 08<sup>th</sup> May 2015

Morning session

Organising PI: Hermann Gruber

UG 1 (Gruberstraße 40, Inst. of Biophysics)

10:30 - 12:00

Journal Club

12:00 - 13:15 *Lunch Break*

Afternoon session

UG 1 (Gruberstraße 40, Inst. of Biophysics)

Jacob Piehler (Univ.

13:15

Osnabrück)

Spatiotemporal dynamics of cytokine receptor assembly

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

PI

14:00 Felix Faschinger

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

Gruber

14:15 Lukas Traxler

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

Gruber /  
Hinterdorfer

14:30 Michael Stadlbauer

DK 10: STIM/Orai coupling and CRAC activation

Romanin

14:45 Petr Rathner

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

Müller

## Nanocell Colloquium II

Friday 12<sup>th</sup> June 2015

Morning session

Organising PI: Thomas Renger

BA 9908 (JKU main campus)

10:30 - 12:00

Journal Club

12:00 - 13:15 *Lunch Break*

Afternoon session

BA 9908 (JKU main campus)

13:15 Jörg Megow

(Univ. Potsdam)

"A mixed quantum-classical methodology applied to supramolecular pheophorbide a complexes: computation of excitation energy transfer and optical spectra"

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

PI

14:00 Ekaterina

Sobakinskaya

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

Renger

14:15 Svetoslav Nakov

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

Kraus

14:30 Mirjam Zimmermann

DK 5: The Mechanism of protein translocation through the bacterial translocon.

Pohl

14:45 Eljesa Murtezi

DK 3: Optical Nanoscopy.

Klar