

## Nanocell Colloquium II SS 2017

**March 6<sup>th</sup> 2017**

**Morning session**

**Organising PI: Johannes Kraus**

**HF 9905**

		<b>Work in progress Seminar (15 minutes presentation, 15 discussion)</b>	<b>PI</b>
11:00 - 13:00			
11:00	Svetoslav Nakov	DK 9: Electrostatic computations of FRET rate constants in fluorescent labeled proteins.	Kraus
11:30	Maria Österbauer	DK 7: Photochemical Control and Nanoscopic imaging of Protein Translocation.	Knör
12:00	Lukas Traxler	DK 11: Forces and dimensions of STIM - ORAI interaction.	Gruber / Hinterdorfer
12:30	Felix Faschinger	DK 11: Forces and dimensions of STIM - ORAI interaction.	Gruber
13:00 - 13:45	<i>Lunch Break</i>		

**Afternoon session**

**HS 13**

13:45	Stefan Müller (Ricam)	Optimal enzyme allocation in kinetic metabolic networks	
14:30	<b>Journal Club</b>		

**Monday April 3<sup>rd</sup> 2017**

**Morning session**

**Organising PI: Peter Pohl**

**Guberstraße 40, UG 1**

		<b>Work in progress Seminar (15 minutes presentation, 15 discussion)</b>	<b>PI</b>
11:30 - 13:00			
11:30	Mirjam Zimmermann	DK 5: The Mechanism of protein translocation through the bacterial translocon.	Pohl
12:00	Aglaja Kopf	DK 1: Probing receptor recycling in migrating leukocytes using photoactivation and single molecule imaging techniques.	Sixt
12:30	Martin Fölser	DK 2: Nanostructural Characterization of the Dendritic Cell Plasma membrane.	Schütz
13:00 - 13:45	<i>Lunch Break</i>		

**Afternoon session**

**Guberstraße 40, UG 1**

13:45	Ingrid Graz (JKU)	Exercising cells: Effects of complex mechanical forces on adhesion, growth and migration	
14:15	Irene Tiemann-Boege (JKU)	Functional analysis of driver mutations in the FGFR3 expanding with paternal age	
14:45	<b>Journal Club</b>		

## Nanocell Colloquium II SS 2017

**Monday May 8<sup>th</sup> 2017**

**Organising PI: Thomas Klar**

**Morning session**

**P 215**

		<b>Work in progress Seminar (15 minutes presentation, 15 discussion)</b>		<b>PI</b>
12:00 - 13:00				
12:00	Sujitha Puthukodan	DK 3: Optical Nanoscopy.		Klar
12:30	Anny Fis	DK 6: Forces and Dynamics in protein translocation through the bacterial translocon.		Hinterdorfer

13:00 - 13:45

*Lunch Break*

**Afternoon session**

**P 004**

13:45	Francisco Balzarotti (Max Planck Institute for Biophysical Chemistry)	Molecular resolution imaging and tracking of single proteins with minimal photon fluxes		
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14:30

**Journal Club**

**Monday May 29<sup>th</sup> 2017**

**Organising PI: Carl-Philipp Heisenberg**

**Morning session**

**Mondi 3**

		<b>Work in progress Seminar (15 minutes presentation, 15 discussion)</b>		<b>PI</b>
12:00 - 13:00				
12:00	Silvia Caballero	DK 4: Cell sorting in Development.		Heisenberg
12:30	Michael Stadlbauer	DK 10: STIM/Orai coupling and CRAC		Romanin

13:00 - 13:45

*Lunch Break*

**Afternoon session**

**Mondi 3**

13:45	Yasuo Hitoyoshi (Observatoire Océanologique de Villefranche-sur-Mer)	Transcriptional framework for a binary cell fate switch		
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14:30

**Journal Club**