

Monday, 02.08.2004

At 08:30

Bus Departure to Rauschholzhausen

Meeting Point: Main Gate to Hospital Area, Gaffkystrasse, at 08:15 a.m.

Up to 10:00

Arrival at the Castle of Rauschholzhausen

10:30 -12:30

Student Presentations:

Infection & Inflammation

12:30 -14:00

Lunch

14:00 – 15:00

Student Presentations:

Cellular Signaling I

15:00 – 15:45

Elena Papakonstantinou, Ph.D., University of Thessaloniki

"Glycosaminoglycans in the Lung"

15:45 – 16:30

Coffee Break

16:30 – 18:00

Student Presentations:

Lung (Patho)Physiology I

18:00 – 19:30

Buffet Dinner

19:30 – 20.15

Thomas Wölfel, M.D., University of Mainz

"Identification of Molecular Targets for the Anti-Tumor T Cell Response"

After 20.30- ?

Drinks, Chat, Dance, Drinks,...

Tuesday, 03.08.2004

07:00 - 08:30

Breakfast

08:30 – 10:30

Student Presentations:

Lung (Patho)Physiology II

10:30 – 11:00

Coffee Break

11:00 – 12:00

**Hal Chapman, M.D., University of California San Francisco
“Disorders of Lung Matrix Remodeling”**

12:00 – 13:30

Lunch

13:30 – 15:30

Student Presentations:

Cellular Signaling II

15:30 – 17:00

Coffee Break

Meet-the-Professor-Sessions (MBML students, see accompanying page)

17:00 – 18:00

Student Presentations:

Lung (Patho)Physiology III

18.00 – 19:00

**Wolfgang Kübler, M.D., Humboldt University Berlin, Charité
“Inflammation and the Microvascular System of the Lung”**

19:00- till you drop!

Barbecue Dinner

(Social Programme: Indian Dance Performance)

Wednesday, 04.08.2004

07:00 - 08:30

Breakfast

08:30 – 09:15

**Robert Voswinkel, M.D., University of Giessen
“Stem Cells – Relevance to Lung Diseases”**

09:15 – 10:45

Presentations by MBML “Newcomers”

10:45 - 11:15

Coffee break

11:15 – 12:45

Presentations by MBML “Newcomers”

12:45 – 14:00

Lunch

At 14:30

Bus departure from Rauschholzhausen to Giessen
Meeting Point: Parking Lot of the Castle 14:15

STUDENT PRESENTATIONS SCHEDULE

A) INFECTION AND INFLAMMATION, MONDAY 10:30 - 12:30

Chairs: Lokesh V. Battula & Henning Gall

10:30 -10:50: [Martina Merfels](#)** (Meyer Lab)

“Lipids, lipid signaling and their impact on inflammatory disorders of the pulmonary circulation”

10:50 -11:10: [Mirko Steinmüller](#)** (Lohmeyer Lab)

“Endotoxin-induced peritonitis elicits alveolar monocyte immigration into the lung: Implications for LPS-induced neutrophilic alveolitis”

11:10 -11:30: [Leigh Matthew Marsh](#) (Chakraborty Lab)

“Evaluation and optimization of a bacterial transfer system for gene- and immunotherapy”

11:30 -11:50: [Malgorzata Wygrecka](#) (Preissner Lab)

“Compartmentalized regulation of haemostatic factors in the acutely inflamed lung”

11:50 -12:10: [Werner von Wulffen](#)** (Lohmeyer Lab)

“Dendritic cells in innate immune responses in the lung”

12:10 -12:30: [Susanne Herold](#) (Lohmeyer Lab)

“Role of the mononuclear phagocyte system in the innate immune response against influenza virus infection”

B) CELLULAR SIGNALING I, MONDAY, 14:00 - 15:00

Chairs: Grazyna Kwapiszewska & Susanne Herold

14:00 -14:20: [Chevooru S. Krishnaveni](#)** (Eickelberg Lab)

“Analysis of TGF- β /BMP receptor complexes on live cells by bioluminescence resonance energy transfer (BRET)”

14:20 -14:40: [Stefanie Krick](#)** (Rose Lab)

”Analysis of hypoxic signaling pathway in vascular cells”

14:20 -14:40: [Izabella Chrobak](#) (Eickelberg Lab)

“Identification of novel interaction partners of endoglin, an accessory TGF-beta receptor“

C) LUNG (PATHO)PHYSIOLOGY I, MONDAY, 16:30 - 18:10

Chairs: Anka Krecisz & Katrin Ahlbrecht

16:30 -16:50: [Bhola Dahal](#)** (Günther Lab)

”Modulation of coagulation system as a therapeutic strategy in fibroproliferative lung diseases”

16:50 -17:10: [Oana V. Amarie](#)** (Eickelberg Lab)

“Analysis of the TGF- β /BMP system in the hypoxic lung”

17:10 -17:30: [Sebastian Schmidt](#)** (Rose Lab)

“Establishment and characterization of a mouse COPD-model using tobacco smoke”

17:30 -17:50: [Katrin Ahlbrecht](#)** (Voswinkel Lab)

“The role of the transcription factor HIF-2 α in lung growth and remodeling”

17:50-18:10: [Bastian Eul](#)** (Hänze Lab)

”Modulation of HIF-dependent gene expression in pulmonary cells”

D) LUNG (PATHO)PHYSIOLOGY II, TUESDAY, 08:30 – 10:30

Chairs: Bastian Eul & Joanna K. Jagielska

08:30 -08:50: [Rio Dumitrascu](#)** (Schermuly Lab)

”Establishment and characterization of new models of chronic pulmonary hypertension in mice”

08:50 -09:10: [Julia Sevilla-Perez](#) (Eickelberg Lab)

”TGF-beta responsive genes in lung fibrosis”

09:10 -09:30: [István Vadász](#)** (Seeger Lab)

“Alveolar-epithelial fluid transport under pathophysiological conditions in ventilated and perfused rabbit lung model”

09:30 -09:50: [Rolf Schäfer](#)** (Weissmann Lab)

”Hypoxia-induced formation of radical oxygen species (ROS) in isolated perfused and ventilated mouse lungs”

09:50 -10:10: [Peter Knoess](#) (Voswinkel Lab)

”Role of adult stem cells in lung physiology and pathophysiology”

10:10 -10:30: [Henning Gall](#)** (Schermuly Lab)

“Establishment of a pulmonary artery organ culture model and the role of functional knockout of phosphodiesterases by si-RNA technique”

E) CELLULAR SIGNALING II, TUESDAY, 13:30 - 15:30

Chairs: Mirko Steinmüller & Matthias Hecker

13:30 -13:50: [Joanna K. Jagielska](#) (Eickelberg Lab)

“Analysis of smad isoform dependent gene expression”

13:50 -14:10: [Melanie Königshoff](#)** (Fink Lab)

“Mesenchymal-epithelial interaction in lung fibrosis”

14:10 -14:30: [Matthias Hecker](#) (Eickelberg Lab)

“Live cell imaging of smad translocation processing”

14:30 -14:50: [Parag Goyal](#)** (Hänze Lab)

“NAD(P)H-oxidases: potential O₂-sensors within the lung”

14:50 -15:10: [Lokesh V. Battula](#)** (Eickelberg Lab)

“Identification and characterization of a novel Smad8 isoform”

14:30 -14:50: [Som Subhra Chatterjee](#) (Chakraborty Lab)

“Whole genome transcription profile of stress responses of *Listeria monocytogenes* in extracellular survival and infection”

F) LUNG (PATHO)PHYSIOLOGY III, TUESDAY, 17:00 - 18:00

Chairs: Leigh Marsh & Rolf Schäfer

17:00 -17:20: [Soni Pulamsetti](#)** (Schermuly Lab)

“The role of methionine sulfoxide reductase in acute hyperoxic lung injury”

17:20 -17:40: [Anka Krecisz](#)** (Eickelberg Lab)

“Identification of novel interaction partners of the cytoplasmic tail of BMPRII”

17.40 -18:00: [Grazyna Kwapiszewska](#)** (Fink Lab)

“Cell-specific expression profiling of the hypoxic mouse lung by laser-assisted microdissection”

** Current Altana sponsored students

G) INCOMING STUDENTS, WEDNESDAY, 09:30 – 10:30

Chairs: Stefanie Krick & Werner von Wulffen

09:15 -09:30: [Kathrine Minghua Bi](#)

“Coming From Dragon Home”

09:30 -09:45: [Hans Eisele](#)

”Cyclical hypoxia-induced gene expression changes in the mouse”

09:45 -10:00: [Jadranka Milosevic](#)

”Proteomic analysis of Smad translocation partners in TGF- β signaling”

10:00 -10:15: [Natascha Sommer](#)

“Spectroscopic and molecular investigations of the oxygen sensor mechanism in the lung”

10:15 -10:30: [Kamila Kitowska](#)

“Regulation of cellular uptake of diamino acid derivatives of protoporphyrin into HeLa cells”

10:30 -10:45: [Ilja Zaanen](#)

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H) INCOMING STUDENTS, WEDNESDAY, 11:30 – 12:30

Chairs: Soni Pullamsetti & Melanie Königshoff

11:15 -11:30: [Akid](#)

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11:30 -11:45: [Jens Wolff](#)

“Molecular basis of heterogenous NB1 GP (HNA-2a/CD 177) Expression”

11:45 -12:00: [Dorothea Peters](#)

”Identification of interaction partners of activated smads in TGF- β signaling”

12:00 -12:15: [Ilja Zaanen](#)

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12:15 -12:30: [Faeq Hussein-Sayed](#)

“Neuropathology of the prefrontal cortex of schizophrenic patients“

12:30 -12:45: [Bakid](#)

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