



German-French Retreat 2015

Helmholtz Research School "Lung Biology and Disease"



BACHMAIR
WEISSACH
HOTEL



Tegernsee

March 24-27, 2015

Program

Tuesday, March 24, 2015

07:00 pm *Welcome Dinner*

Wednesday, March 25, 2015

09:00-09:15 am *Welcome and Introduction*

09:15-09:45 am Keynote Address: Christian Boitard

Session 1: Lung Aging and Senescence

09:45-10:00 am Tom Conlon (CPC Munich): *TBA*

10:00-10:15 am Marielle Breau (INSERM Créteil): *JunD protects mice from age-related lung alterations*

10:15-10:30 am Korbinian Ballweg (CPC Munich): *Mitochondrial dysfunction affects activity and composition of proteasome complexes*

10:30-10:45 am Arnaud Tiendrébéogo (INSERM Créteil): *Telomerase-dependent modulation of small airway remodeling in chronic obstructive pulmonary disease*

Mirna Saker (INSERM Créteil): *Osteopontin, a key mediator expressed by senescent pulmonary vascular cells and involved in pulmonary hypertension*

10:45-11:00 am Isis Fernandez (CPC Munich): *TBA*

11:00-11:30 am *Coffee break*

Session 2: Lung Mechanotransduction and Remodeling

11:30-11:45 am Thibaud Parpaite (INSERM Bordeaux): *Mechanical stress and TRPV4 channels: Influence of cellular environment on pulmonary arterial smooth muscle cells*

11:45-12:00 pm Darcy Wagner (CPC Munich): *TBA*

12:00-12:15 pm Kanny Kébé (INSERM Créteil): *Pulmonary Vascular Smooth Muscle Cells Remodeling and Dysfunction in Cystic Fibrosis*

12:15-12:30 pm Jie Jia (CPC Munich): *Cigarette smoke exposure enhances obstructive bronchitis in ENaC overexpressing mice*

12:30-12:45 pm Florence Coste (INSERM Bordeaux): *Involvement of NGF in experimental severe pulmonary hypertension*

12:45-01:45 pm *Lunch buffet*

01:45-02:45 pm **Poster Session 1**

- 02:45-03:30 pm Featured Lecture: Georgios T. Stathopoulos (University of Patras) - *Mast cells in malignant pleural effusion*
- 03:30-04:15 pm **Session 3: Lung Cancerogenesis**
- 03:30-03:45 pm Sebastian Marwitz (Research Center Borstel): *The impact of BAMBI on TGF β signaling, invasion and EMT in human lung cancer*
- 03:45-04:00 pm Cornelia Ochs (CPC Munich): *Impact of interleukin-22 in murine models of cancer*
- 04:00-04:15 pm Deniz Bölükbas (CPC Munich): *MMP-9 responsive mesoporous silica nanoparticles for local drug delivery to NSCLC*
- 04:15-04:30 pm *Coffee break & Group picture*
- 04:30-07:00 pm *Outdoor Activity*
- 07:30 pm Bavarian « *Hüttenabend* »

Thursday, March 26, 2015

- 09:00-09:45 am Featured Lecture: Yuval Rinkevich (Stanford University) - *Regeneration of Tissues & Organs: from Analysis to Synthesis*
- 09:45-10:45 am **Session 4: Lung Epithelial Cell Injury and Repair**
- 09:45-10:00 am Clémence Henry (INSERM Tours): *In vitro and in vivo evidence for an inflammatory role of the cation channel TRPV4 in lung epithelium – Potential involvement in cystic fibrosis*
- 10:00-10:15 am Larissa Knüppel (CPC Munich): *ER stress, but not gastroesophageal reflux, regulates expression of FKBP11*
- 10:15-10:30 am Kathrin Mutze (CPC Munich): *TBA*
- 10:30-10:45 am Andrea Schamberger (CPC Munich): *TBA*
- 10:45-11:15 am *Coffee break*
- 11:15-12:15 pm **Session 5A: Chronic Lung Allograft Dysfunction and Fibrosis**
- 11:15-11:30 am Marc Garnier (INSERM Paris): *Serum Amyloid P contained in alveolar fluid from patients with Acute Respiratory Distress Syndrome mediates inhibition of human Monocytes differentiation into Fibrocytes*
- 11:30-11:45 am Aina Martin (CPC Munich): *Impact of WNT ligand secretion on cellular phenotypes in pulmonary fibrosis*

- 11:45-12:00 pm Vanessa Welk (CPC Munich): *Altered protein homeostasis in pulmonary fibrosis indicates a role for the proteasomal activator 200*
- 12:00-12:15 pm Katharina Hofmann (CPC Munich): *Dissecting the role of TRPC6-channels in bleomycin-induced pulmonary fibrosis*
- 12:15-01:15 pm *Lunch buffet*
- 01:15-02:00 pm **Session 5B: Chronic Lung Allograft Dysfunction and Fibrosis**
- 01:15-01:30 pm Nathalia Smirnova (CPC Munich): *TBA*
- 01:30-01:45 pm Pierre-Joseph Royer (INSERM Nantes): *Blood mRNA and miRNA transcriptome to predict Chronic Lung Allograft Dysfunction*
- 01:45-02:00 pm Nicole Strobl (CPC Munich): *Immunophenotyping in Clinical Lung Transplantation – End stage lung disease 1.1.1*
- 02:00-03:00 pm **Poster Session 2**
- 03:00-03:45 pm Featured Lecture: Bernd Schmeck (UGMLC) - *TBA*
- 03:45-04:15 pm *Coffee Break*
- 04:15-06:15 pm **Meet-the-Professor Session**
- 07:30 pm *Gala Dinner and Certificate Ceremony CPC Research School*

Friday, March 27, 2015

- 09:00-09:45 am Featured Lecture: Muriel Laffargue (INSERM Toulouse) - *Phosphoinositide 3-kinases and their role in inflammation: potential clinical targets in atherosclerosis?*
- 09:45-11:00 am **Session 7A: From Innate to Adaptive Immune Response in the Lung**
- 09:45-10:00 am Oliver Fuchs (CPC Munich): *Fraction of exhaled nitric oxide values in term born infants are associated with 6q12 variants - the BILD Cohort*
- 10:00-10:15 am Raphaël Prunghaud (CPC Munich): *Influence of bacterial signaling molecules on the polarization of murine alveolar macrophages*
- 10:15-10:30 am Noria Segueni (INSERM Orléans): *TNFR1 from Myeloid cells is essential for the host to response to MYCOBACTERIUM TUBERCULOSIS*
- 10:30-10:45 am Fabien Bastaert (INSERM Paris): *LasB elastase, a T2SS Pseudomonas aeruginosa virulence factor kills mice in part by subverting host alveolar macrophage activity, through IL-18 down-regulation*

10:45-11:00 am	Carla Guarino (INSERM Tours): <i>Immune activation of neutrophils by antiPR3 mAbs is mediated by altered activity of membrane-bound proteinase 3</i>
11:00-11:30 am	<i>Coffee break</i>
11:30-12:30 pm	<u>Session 7B: From Innate to Adaptive Immune Response in the Lung</u>
11:30-11:45 am	Lisa Hinkofer (CPC Munich): <i>Do PR3-ANCA subsets with activity modulating allosteric effects on PR3 correlate with disease activity in GPA?</i>
11:45-12:00 pm	Stéphane Kerbrat (INSERM Créteil): <i>Role of oxidative stress-induced senescence in human CD4+ Th17 lymphocytes</i>
12:00-12:15 pm	Anika Lorenz (BREATH Hannover): <i>B cells are affected by allergic asthma but are not essential for the development of respiratory tolerance in a murine asthma model</i>
12:15-12:30 pm	Aurelie Hautefort (INSERM Le Plessis-Robinson): <i>Th17 polarization in pulmonary arterial hypertension</i>
12:30 pm	<i>Closing Remarks and Lunch</i>