

PROGRAM Biomedical Symposium 2013

FRIDAY, 8th of November 2013

8:00 DEPARTURE from Klinikum bus stop (main entrance)

9:30-10:00 CHECK-IN at Tagungsghaus "Bayerischer Wald" in Regen

10:00-10:30 RECEPTION

10:30-12:00 **TALK SESSION 1** Chair: Carsten Broeker

- 1 Metabolic characterisation of a-syntrophin knock out mice (SNTA -/-)**
Kristina Eisinger
- 2 The role of Substance P and norepine-phrine in callus differentiation**
Tanja Niedermair
- 3 Basophils as regulators of CD4+ T cell proliferation in a GvHD mouse model**
Fabian Herrmann
- 4 Recruitment of CCR2+ monocytic myeloid cells by tumor-derived lactic acid in B16 melanoma**
Almut Brand
- 5 The spatial energy expenditure configuration and possible applications in an experimental model of arthritis**
Susanne Klatt
- 6 Creation and Characterization of Pkd2 Knock-in Mice**
Denise Schmied

12:00-13:00 LUNCH

13:00-13:30 Industrial Tutorial MLP

13:30-14:30 **POSTER SESSION 1**

- 1 The Drosophila Nephrocyte – Ultrastructural and localization analysis of direct and indirect determining factors of cell polarity in null-mutant and knock-down flies**
Florian Hochapfel
- 2 The Drosophila nephrocyte as a model for the podocyte**
Gudrun Mendl
- 3 Can the cell type of renin expressing cells in the adult kidney be programmed to an EPO producing cell type due to pVHL deletion?**
Katharina Gerl
- 4 Renin cell lineage in the mouse kidney**
Ilona Schwarzensteiner
- 5 Renal compensatory hypertrophy: Role of B-type natriuretic peptide**
Janina Staffel
- 6 Physiology and pathophysiology of ion channels and ATPases in aldosterone secretion**
Julia Stindl

- 7** **Mutations of KCNJ5 K⁺ channel in aldosterone producing adenomas: pharmacology and calcium signaling in mutated cells**
Philipp Tauber

14:30-16:00 **TALK SESSION 2** Chair: Fabian Herrmann

- 7** **Regulation of the transcription factor c-Jun in malignant melanoma by the cytoskeleton**
Melanie Kappelmann
- 8** **Interaction of the tumor suppressor LKB1 with the membrane cytoskeleton**
Christian Thiele
- 9** **The role of PATJ in the development of Drosophila**
Arnab Sen
- 10** **Impact of methylthioadenosine (MTA) on cellular signaling**
Katharina Limm
- 11** **The WNT-pathway participates in the Osteogenic Differentiation of Human Dental Follicle Precursor Cells**
Sandra Viale-Bouroncle
- 12** **Collagen-induced arthritis modulates reactivity to sympathetic neurotransmitter stimuli during osteoclastogenesis of bone marrow-derived macrophages from DA rats**
Dominique Muschter

16:00-16:30 COFFEE BREAK

16:30-17:30 MEET AN EXPERT
Prof. Dr. Eberhard Hildt

18:00 DINNER

20:00 GET TOGETHER

SATURDAY, 9th of November 2013

9:00-9:30 Meeting Biomedigs/RIGEL

9:30-10:45 **TALK SESSION 3** Chair: Janina Staffel

13 **Procollagen I-expressing renin cell precursors**
Christian Karger

14 **Pathomechanism of a novel form of renal Fanconi Syndrome**
Carsten Broeker

15 **New insights into the LMX1B target genes**
Natalya Stepanova

16 **Ultrastructural and cell biological studies of the primary cilium**
Benjamin Salecker

17 **MicroRNAs in the kidney and their relevance for podocyte (dys)function**
Susanne Baumgarten

10:45-11:00 COFFEE BREAK

11:00- 12:00 **POSTER SESSION 2**

8 **Molecular function of the liver protein MIA2**
Mona Solanki

9 **Melanoma inhibitory activity (MIA) acts as a mediator of oncogene-induced senescence in human melanocytes**
Lena Honold

10 **Nuclear Magnetic Resonance Spectroscopy in the Study of Tumor Metabolism**
Jochen Hochrhein

11 **Predicting BV6 sensitivity in AML patients based on genome-wide gene expression profiles by integration of experimental and clinical data**
Anton Moll

12 **The influence of Collagen XVI on proliferation and invasion in oral squamous cell carcinoma**
Konstanze Bedal

13 **Cellular and molecular analysis of BMP6 during formation and progression of malignant melanoma**
David Stieglitz

12:00-13:00 LUNCH

13:00-13:45 Industrial Tutorial Promocell

13:45-14:45 **POSTER SESSION 3**

14 **p62 in death receptor signaling**
Kristina Seibold

15 **Characterization of expression and function of the bactericidal/permeability increasing protein (BPI) based on newly developed mouse models**
Nicole Bezold

16 **Functional analysis of bestrophin-1, an integral membrane protein of the retinal pigment epithelium associated with Morbus Best**
Sabrina Unkel

17 **Towards identifying the gene associated with North Carolina Macular Dystrophy in 6q14-16.2**
Karoline Wissmann

- 18** **Chronic psychosocial stress changes the activation state of T cells in a time – dependent manner**
Thi-Thu-Trang Nguyen
- 19** **Interaction between cartilage or subchondral bone and mesenchymal stem cells in vitro**
Ute Mayer
- 20** **A boolean approach for indirect inference of non-transcriptional pathways**
Martin Pirkl
- 21** **Stress-induced Glucocorticoids Mediate Recruitment of IMC into Sencodary Lymphoid Organs**
Dominic Schmidt

14:45-15:00 Coffee break + evaluation

15:00-15:30 Presentation "**Best Talk**"

sponsored by:



Presentation "**Best Poster**"

sponsored by:



16:00 DEPARTURE from Tagungshaus