

Contact Address

Speaker GRK 1041

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Chair

C. Münzberg, Project Team: von Wichert
C. Schuster, Project Team: Schirmbeck
C. König, Project Team: Gierschik
M. Keuper, Project Team: Wabitsch

Guest

Hans A. Kestler, PhD
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ulm university universität
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March 14th, 2012
Villa Eberhardt
Ulm, Germany

**“Molecular Diabetology and
Endocrinology in Medicine”**

Regarding location and travel details: www.uni-ulm.de/grk1041/
Program: <http://www.uni-ulm.de/med/med-grk1041/program.html>

**“Molecular Diabetology and Endocrinology in Medicine”
(GRK 1041)**

1. Period: 01.07.2004 – 31.12.2008
2. Period: 01.01.2009 – 30.06.2013

**Deutsche
Forschungsgemeinschaft**

DFG

**GRK
1041**
Graduate College

Wednesday, March 14th, 2012

09.00 – 09.15 h Welcome & Introduction
B. O. Böhm (Ulm University, Germany)

Chair: **C. Münzberg, C. Schuster**

09.15 – 09.30 h *Expression analysis of genes associated with type 1 diabetes*
N. Schäfer (Project Team: Böhm/Rosinger)

09.30 – 09.45 h *Genetics of maturity-onset diabetes of the young (MODY)*
A. Eininger (Project Team: Böhm)

09.45 – 10.00 h *Functional significance of chemotaxin receptors in an adipocyte-like cellular environment*
C. König (Project Team: Gierschik)

10.00 – 10.15 h *On the role of adipocyte apoptosis during obesity-associated macrophage infiltration*
M. Keuper (Project Team: Wabitsch)

10.15 – 11.00 h *Coffee Break, Poster viewing*

Introduction

P. Fischer-Posovszky, PhD (Ulm University, Germany)

11.00 – 11.30 h *Robust clustering for high-throughput data*
H. A. Kestler, PhD (Ulm University, Germany)

11.30 – 11.45 h *The effect of growth factors, nutrients and cytokines on in-vitro replication of rat pancreatic beta-cells*
U. Chinaka (Project Team: Böhm/Merger)

Wednesday, March 14th, 2012

11.45 – 12.00 h *Glucose substitution delays telomere dysfunction induced aging by stimulating glycolysis and mitochondrial biogenesis*
P. Missios (Project Team: Rudolph)

12.00 – 12.15 h *The screening of metabolic factors on the haematopoietic system with lentivirus based shRNA pool*
D. Tang (Project Team: Rudolph)

12.15 – 12.30 h *g0s2 delays cell cycle progression through fat accumulation in liver*
S. Reddy Chakkarappan (Project Team: Rudolph)

12.30 – 12.45 h *Dissecting the role of ATM in pancreatic cancer progression using a humanized mouse model*
R. Russell (Project Team: Böhm/Kleger)

12.45 – 13.00 h *Role of PSCs in the migration of pancreatic cancer cells*
L. Jing (Project Team: Bachem)

13.00 – 14.00 h *Lunch*

Chair: **C. König, M. Keuper**

14.00 – 14.15 h *The role of ARF GTPases in hypersecretion in human neuroendocrine tumor cells*
C. Münzberg (Project Team: von Wichert)

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14.15 – 14.30 h *IKK as a therapeutic target for prostate cancer*
G. Jain (Project Team: Spindler/Marienfeld)

14.30 – 14.45 h *The role of the IKK/NF- κ B system in pancreatic β -cell homeostasis and immune-mediated diabetes mellitus*
H. Salem (Project Team: Baumann)

14.45 – 15.00 h *Immunoprofiling of insulin-specific CD8 T cells in the various stages of autoimmune diabetes induced in murine models of type 1 diabetes*
C. Schuster (Project Team: Schirmbeck)

15.00 - 15:15 h *Regulation of cathepsin G reduces the activation of proinsulin-reactive T cells from type 1 diabetes patients*
F. Zou (Project Team: Böhm/Rosinger)

15.15 – 15.30 h *Beta2 integrin-dependent release of oxygen radicals from macrophages is required for TGF-beta1 activation in cutaneous wound repair*
A. Kügler (Project Team: Scharffetter-Kochanek)

16.00 h *F a R e W e L L - D i N N e R*