

UNIVERSITÄT
DUISBURG
ESSEN

Open-Minded



PROGRAMME



GRADUATE SCHOOL OF BIOMEDICAL SCIENCE

UNIVERSITY OF DUISBURG-ESSEN

ANNUAL RETREAT 2013

CELLULAR & MOLECULAR IMMUNOLOGY
AND TUMOUR & SIGNALLING

15 November 2013

UNPERFEKTHAUS, FRIEDRICH-EBERT-STR. 18, 45127 ESSEN-CITY

ANNUAL RETREAT 2013: BIOME CORES IMMUNOLOGY AND TUMOUR

Friday 15 November 2013

08.00 O P T I O N A L B R E A K F A S T

09.00 *Welcoming Address – Dr. rer.nat Hannes Klump*

Early Stage PhD Researchers (10 minute presentations, 5 minutes discussion)

FIRST SESSION Immunology

Chaired by Tina Danielzik & Bettina Wagner

09.10 - 09.25 **Vikas Duhan**

Endogenous retrovirus in antiviral immune responses and immunopathology

09.25 - 09.40 **Katja Merches**

The influence of T cells on B cells in an LCMV infection

09.40 - 09.55 **Stefanie Haller**

Monitoring immune responses to develop a cellular immunotherapy for Human Papillomavirus associated tumours

09.55 - 10.10 **Robert Petri**

A new role for mesenchymal stem cells as sensors and immune regulators of infection

10.10 - 10.25 **Elisabeth Littwitz**

Distinct roles of NK cells in viral immunity during different phases of an acute retroviral infection

10.25 - 10.40 **Janine Dreesen**

Mechanisms of CD3 driven T cell functions in health and cancer: long forgotten or astonishing new?

10.40 - 11.00 C O F F E E B R E A K

FIRST SESSION Tumour & Signalling

Chaired by Tina Danielzik & Christina Heeke

11.00 - 11.15 Judith Hönes

Gfi1 as a novel prognostic marker and tumor suppressor in Acute Myeloid Leukemia

11.15 - 11.30 Julia Severmann

Cell cycle-dependent gene expression by Mybl2, a tumor suppressor in MDS

11.30 - 11.45 Julia Badziong

Molecular discrimination of cold thyroid nodules – relevance of the oncogene DJ-1 in follicular thyroid carcinogenesis

11.45 - 12.00 Tim Schneider

Immunologic approaches to treatment of GNAQ/GNA11-oncogenic tumors

12.00 - 12.15 Bettina Wagner

NKG2D ligands and HLA-G as prognostic and therapeutic molecules in aggressive Non-Hodgkin lymphoma

12.15 - 12.45 exploring the *Unperfekthaus*

until 14.00 L U N C H

Advanced Stage PhD Researchers (15 minute presentations, 5 minutes discussion)

SECOND SESSION Immunology

Chaired by Vishal Khainar & Marija Kovacevic

14.00 - 14.20 Anita Hollenbeck

Mice with thymic epithelial deletion of the von Hippel-Lindau gene are lacking a functional thymus

14.20 - 14.40 Katrin Moses

Expansion and function of granulocytic cells during development and progression of head and neck cancer

14.40 - 15.00 Roman Tatura

Regulatory T cells in sepsis

15.00 - 15.20 Corinna Göbel

Identification and molecular characterization of resistance mechanisms against cellular immune effectors to optimize cancer immunotherapies

15.20 - 15.40 Stefanie Schweigle de Reynosos

Molecular analysis of human memory B cell subsets

15.40 - 16.00 C O F F E E B R E A K

SECOND SESSION Immunology

Chaired by Lina Spaan & Gabriele Büchel

16.00 - 16.20 Ilseyar Akhmetzyanova

Induction of tumor-specific cytotoxic CD4⁺ T cells by 4-1BB agonist therapy

16.20 - 16.40 Jolanthe Baingo

Expression of innate NKG2D stress ligands on melanoma cells indicates PI3K pathway activation and constitutes a signal for tumor cell killing by NK cells

16.40 - 17.00 Maria Göbel

Preclinical testing of a novel Axl Kinase inhibitor in CLL

17.00 - 17.20 Stefanie Rost

Clonal abundance determines the prognostic relevance of a *NOTCH1* mutation in chronic lymphocytic leukaemia

17.20 - 17.35 Dr.rer.nat. Laura Steenpaß

From cancer research to genomic imprinting

17.35 – 17.50 Closing Remarks

18.00 - 19.00 D I N N E R
Unperfekthaus, Essen

19.00 - 0.00 Surprise and Get Together, Party
Unperfekthaus, Essen