

INDUSTRY SHOW














ZYMO RESEARCH
The Beauty of Science is to Make Things Simple


WELCOME


At the beginning of 2016, the **Center for Translational Cell Research** was established at the MEDICAL CENTER – UNIVERSITY OF FREIBURG. In the new building, the **Center for Chronic Immunodeficiency (CCI)** and the **Comprehensive Cancer Center Freiburg (CCCF)** will join forces to promote the transfer of lab-based research into clinical applications. In the future, research groups focused on translational research will work together on a surface area of 3,700 square meters. In addition, a state of the art core facility for cell analysis and cytometry will be available, to efficiently support the research groups in Freiburg.


The event “**Oncology meets Immunology: Opening Symposium of the Center for Translational Cell Research**” will show how the development of novel diagnostic and therapeutic methods will go along with the application of innovative methods in the areas of immunological, oncological, biochemical and molecular genetics research.


We cordially invite you to the joint symposium and are looking forward to discuss the most important recent developments in the fields of immunodeficiency, immune dysregulation and cancer with national and international experts.


Prof. Dr. Bodo Grimbacher


Prof. Dr. Justus Duyster


Prof. Dr. Christoph Peters


Prof. Dr. Stephan Ehl


Prof. Dr. Robert Zeiser

VENUES:

MEDICAL CENTER – UNIVERSITY OF FREIBURG

Center for Translational Cell Research
Breisacher Str. 115
79106 Freiburg

Department of Obstetrics and Gynecology
Hugstetter Str. 55
79106 Freiburg

ORGANIZER:

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ONCOLOGY MEETS
IMMUNOLOGY
September 15 - 17, 2016

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Thursday, September 15, 2016
Center for Translational Cell Research

11:00 a.m. Registration and Coffee

01:00 p.m. WORKSHOPS
by PROimmun e.V.
(registration required)



WORKSHOP 1
AGILENT TECHNOLOGIES
Next Generation Sequencing 1:
Targeted Enrichment
Room 045 Ground Floor

WORKSHOP 2
BECTON DICKINSON
New Technologies in FACS /
Cell Imaging
Room 057 Ground Floor

03:00 p.m. Coffee Break

03:30 p.m. WORKSHOP 3
ILLUMINA
Next Generation Sequencing 2:
The Analysis
Room 045 Ground Floor

WORKSHOP 4
AFFYMETRIX
How to Detect RNA by FACS
Room 057 Ground Floor

05:30 p.m. Get Together
Foyer



Friday, September 16, 2016
Department of Obstetrics and Gynecology, Auditorium

Tumor Immunology, Targeted Therapies,
Microenvironment & Inflammasome

08:15 a.m. Welcoming Introduction
BODO GRIMBACHER
(CCI, Medical Center – University of Freiburg)
ROBERT ZEISER
(CCCF, Medical Center – University of Freiburg)

SESSION 1 | Tumor Immunology and Gene Editing
Chairs: Stephan Ehl and Jürgen Finke

08:30 a.m. HANS STAUSS (University College London)
T Cell Receptor Editing to Combat Cancer
09:00 a.m. MARTIN PULE (University College London)
CAR T Cells for Immunotherapy
09:30 a.m. WOLFGANG SCHAMEL (CCI, Biology Faculty, Medical
Center – University of Freiburg)
Insights into TCR Functioning Opens New Horizons
for Immune Cancer Therapy
09:45 a.m. TONI CATHOMEN (CCI & Institute for Cell and Gene
Therapy, Medical Center – University of Freiburg)
Gene Therapy in Freiburg – Novel Treatment
Options for Chronic Immunodeficiencies
10:00 a.m. SVEN DIEDERICH (Department Thoracic Surgery,
Medical Center – University of Freiburg)
Functional Screens for Long Non-Coding RNAs
in Lung Cancer

10:15 a.m. Coffee Break

SESSION 2 | Targeted Therapies
(Small Molecules, Monoclonal Antibodies)
Chairs: Thomas Reinheckel and Justus Duyster

10:45 a.m. DAVID A FRUMAN (UCI, University of California,
Irvine)
PI3kinases
11:15 a.m. RALPH FRITSCH (Department of Hematology, Oncology
and Stem Cell Transplantation, Medical Center –
University of Freiburg)
Molecular Regulation of Class I PI3K Isoforms
11:30 a.m. BODO GRIMBACHER (CCI, Medical Center –
University of Freiburg)
S-6-kinopathies
11:45 a.m. GEOFFREY HILL (Queensland Institute of Medical
Research, Australia)
Targeting IL-6R to Prevent GvHD
12:15 a.m. TILMAN BRUMMER (Institute of Molecular Medicine
and Cell Research, ZBMZ, University of Freiburg)
Differential Effects of B-Raf Mutations

12:30 a.m. Lunch Break

SESSION 3 | The Inflammasome and the
Development of the Immune System
Chairs: Alexandra Nieters and Georg Häcker

02:00 p.m. PASCAL SCHNEIDER (Department of Biochemistry,
University of Lausanne)
The B Cell Survival Cytokines BAFF and APRIL
02:30 p.m. GABRIELE NIEDERMANN (Department of Radiation
Oncology, Medical Center – University of Freiburg)
Immune-Mediated Eradication of Cancer (Stem)
Cells
02:45 p.m. THOMAS BOEHM (Max-Planck-Institute, Freiburg)
T Cell Development in the Thymus

SESSION 4 | Microenvironment in Inflammation
and Cancer
Chairs: Christoph Peters and Klaus Warnatz

03:00 p.m. HENNER FARIN (Institute for Tumor Biology and
Experimental Therapy, Georg-Speyer-Haus, Mainz)
Mechanisms of Paracrine Wnt Signaling in Normal
Intestinal Stem Cells and Colon Cancer
03:30 p.m. JOCHEN MAURER (Department of General and
Visceral Surgery, Medical Center – University of Freiburg)
Breast Cancer Stem Cells Interact with the Tumor
Microenvironment

03:45 p.m. Coffee Break

04:15 p.m. ANDREAS RADBRUCH (German Rheumatism Research
Centre, Berlin)
The Role of the Bone Marrow Niche on B- and
T-Cell Memory
04:45 p.m. BERND PICHLER (Preclinical Imaging &
Radiopharmacy, Tübingen)
Non-Invasive In Vivo Imaging to Track Immune
and Cancer Cells
05:15 p.m. MICHAEL HENKA (German Center for
Neurodegenerative Diseases, Bonn)
Innate Immune Activation in Alzheimer's
Disease
05:45 p.m. PHILIPP HENNEKE (CCI, Medical Center –
University of Freiburg)
Macrophage Subset Development and
Environmental Imprinting Determine Immunity
in Staphylococcal Soft Tissue Infection

07:00 p.m. Freiburg Guided City Tour
(by invitation only)

08:00 p.m. Evening Event
Karstadt, Le Buffet, 4th Floor
Kaiser-Joseph-Str. 165, Freiburg
(registration required)

Saturday, September 17, 2016
Department of Obstetrics and Gynecology, Auditorium

Epigenetics in Lymphoma and B-Cell Development &
Metabolomics in Cancer and the Immune System

SESSION 5 | Epigenetics and Signaling
Chairs: Michael Lübbert and Rainer Claus

09:00 a.m. CHRISTOPH PLASS (Division of Epigenomics and
Cancer Risk Factors, DKFZ, Heidelberg)
DNA Methylation and the Cellular Origin of Cancer
09:30 a.m. ROBERT ZEISER (Department of Hematology,
Oncology and Stem Cell Transplantation,
Medical Center – University of Freiburg)
Epigenetic Regulation of GVHD via Micro RNAs
09:45 a.m. MIRIAM ERLACHER (Department of Pediatric
Hematology and Oncology, Medical Center –
University of Freiburg)
Apoptosis Signaling in the Hematopoietic System
10:00 a.m. LENA ILLERT (Department of Hematology, Oncology
and Stem Cell Transplantation, Medical Center –
University of Freiburg)
Identification of Lymphoma Initiating Cell
Population in Murine T-NHL Model
10:15 a.m. ESTEBAN BALLESTAR (Bellvitge Biomedical Research
Institute, Barcelona)
Epigenetic Signals in Antibody Deficiency
10:45 a.m. CLAUDIA BOSSEN (CCI, Medical Center –
University of Freiburg)
Enhancer Establishment in B Cell Development

11:00 a.m. Coffee Break

SESSION 6 | Metabolomics in Cancer and the
Immune System
Chairs: Edward Pearce and Hermann Eibel

11:30 a.m. DAVID C RUBINSZTEIN (Cambridge Institute for
Medical Research)
Autophagy Regulates Notch Signalling
12:00 a.m. ALMUT SCHULZE (Biocenter, University Würzburg)
Targeting Cancer Metabolism
12:30 a.m. ERIKA PEARCE (Max-Planck-Institute of
Immunobiology and Epigenetics, Freiburg)
Metabolic Regulation of T Cell Function and Fate
01:00 p.m. ANGELIKA RAMBOLD (CCI, Max-Planck-Institute of
Immunobiology and Epigenetics, Freiburg)
Organelles – Metabolic Regulators of Immune Cell
Function
01:15 p.m. Closing Remarks
ROBERT ZEISER
(CCCF, Medical Center – University of Freiburg)
BODO GRIMBACHER
(CCI, Medical Center – University of Freiburg)

01:30 p.m. Farewell Food