



copyright Juli Eberle / TUM



Klinikum rechts der Isar
Technische Universität München

Funded by



Deutsche
Forschungsgemeinschaft
German Research Foundation



CRC 1335

ABERRANT IMMUNE SIGNALS IN CANCER

Women in Science Symposium 2021 'Immunity and Cancer'

Virtual
Event

30 June & 01 July 2021

We would like to welcome you to the Women in Science symposium „Immunity and Cancer“ organized by our Collaborative Research Center (SFB) 1335.

Despite remarkable progress in our understanding of the genetic mechanisms underlying cancer development, malignant diseases remain a major biomedical challenge for which novel treatment strategies are urgently needed. The immune system plays pivotal roles in cancer pathogenesis. Although immune cells are in principle capable of recognizing and destroying malignant cells, deviated immune signals can also directly promote initiation and development of cancer by creating tumor promoting inflammatory environments, and by suppressing natural antitumor immune responses. Furthermore, immune cells themselves can be targets of malignant transformation, and human lymphomas and leukemias are frequently driven by mutations influencing immune receptor signaling pathways. Insights generated in this context can also be transferred to immunoregulation in different settings such as chronic infections and autoimmunity.

Universities and other research institutions face the challenge to attract and, in particular, retain successful women in science. What are the reasons for the gender gap in science along the career ladder? For this symposium, we invited accomplished female immunologists and cancer researchers, who are leading scientists in their fields. We strongly believe that the visibility of these female role models is important to encourage young female researchers at the PhD and postdoc level to pursue a career in science. Our guests will not only share their cutting-edge scientific discoveries but also their personal journey to the position they hold. The Women in Science symposium will also host a special panel discussion chaired by leading experts in female leadership that aims to unravel the mystery of the so called Glass Ceiling and to provide solutions.



Prof. Dr. med.
Christina Zielinski
(Board member
of the SFB1335,
Organizer)



Dr. rer. nat.
Maike Buchner
(Board member
of the SFB1335,
Organizer)



Prof. Dr. med.
Jürgen Ruland
(Spokesperson
of the SFB1335)

PROGRAM

Wednesday, 30 June 2021

1:30 pm - 6:00 pm

1:30 pm	Welcome <i>Ch. Zielinski, J. Ruland</i>
	Session 1 <i>Chair: Ch. Zielinski</i>
1:40 pm	Ral GTPases in pancreatic plasticity and cancer development <i>A. Oeckinghaus</i>
2:10 pm	(Re)generation of hematopoietic stem cells <i>C. Waskow</i>
2:40 pm	Women in science – a gender perspective <i>I. Bell</i>
	Break
	Session 2 <i>Chair: B. Schraml</i>
3:40 pm	CRISPR-Cas9 in vivo screens in patient-derived xenografts identify an immune-relevant metalloproteinase as novel vulnerability in leukemia <i>I. Jeremias</i>
4:10 pm	Stromal-epithelial cross-talk in tissue repair and cancer <i>S. Werner</i>
4:40 pm	Panel Discussion
	Moderators <i>I. Bell I. Welpe</i>
	Panelists <i>M. Buchner M. Kiechle P. Knolle H. Möller</i>

Thursday, 01 July 2021

9:00 am - 1:10 pm

	Session 3 <i>Chair: K. Steiger</i>
9:00 am	Environmental control of immune homeostasis and cellular metabolism by the AhR/AhRR pathway <i>I. Förster</i>
9:30 am	ACE2 and antibody responses in severe COVID-19 <i>K. del la Rosa</i>
10:00 am	What does not kill it makes it stronger: Acquired resistance to targeted therapy confers cross-resistance to immunotherapy <i>A. Obenauf</i>
	Break
	Session 4 <i>Chair: M. Buchner</i>
11:00 am	The Yin Yang of the vascular and immune system in cancer <i>G. Bergers</i>
11:30 am	Stromal-epithelial cross-talk in tissue repair and cancer <i>M. van den Broek</i>
12:00 pm	The intricate regulation of T cell responses by RNA-binding proteins <i>M. Wolkers</i>
12:30 pm	The role of unconscious bias in situations of anonymous accusations: what research organizations can do right or wrong? <i>I. Welpe</i>
1:00 pm	Outlook

PARTICIPANTS

Inge Bell

Executive Coach & Consultant
Businesswoman
Human Rights Defender

Prof. Dr. Gabriele Bergers

Laboratory of Tumor Microenvironment and Therapeutic Resistance
VIB-KU Leuven Center for Cancer Biology
Department of Oncology
University of Leuven
Leuven, Belgium

Dr. Maike Buchner

Institute of Clinical Chemistry and Pathobiochemistry
School of Medicine
Technical University of Munich
Munich, Germany

Dr. Kathrin de la Rosa

Max Delbrück Center for Molecular Medicine of the Helmholtz Association
Berlin, Germany

Prof. Dr. Irmgard Förster

Immunology and Environment, Life and Medical Sciences (LIMES) Institute
University of Bonn
Bonn, Germany

Prof. Dr. Irmela Jeremias

Research Unit Apoptosis in Hematopoietic Stem Cells
Helmholtz Zentrum München
Munich, Germany

Prof. Dr. Marion Kiechle

Department of Gynecology and Center for Hereditary Breast and Ovarian Cancer
School of Medicine
Technical University of Munich
Munich, Germany

Prof. Dr. Percy Knolle

Institute of Molecular Immunology and Experimental Oncology
School of Medicine
Technical University of Munich
Munich, Germany

Prof. Dr. Heidi Möller

Department of Psychology
University of Kassel
Kassel, Germany

Dr. Anna Obenauf

Research Institute of Molecular Pathology (IMP)
Vienna BioCenter (VBC)
Vienna, Austria

Dr. Andrea Oeckinghaus

Institute of Molecular Tumorbiology
Faculty of Medicine
University Münster
Münster, Germany

Prof. Dr. Jürgen Ruland

Institute of Clinical Chemistry and Pathobiochemistry
School of Medicine
Technical University of Munich
Munich, Germany

Prof. Dr. Barbara Schraml

Walter-Brendel-Centre of Experimental Medicine
University Hospital Munich
Ludwig-Maximilians-Universität München
Planegg-Martinsried, Germany

PD Dr. Katja Steiger

Institute of Pathology
School of Medicine
Technical University of Munich
Munich, Germany

Prof. Dr. Maries van den Broek

Institute of Experimental Immunology
University of Zurich and
Comprehensive Cancer Center Zurich
Zurich, Switzerland

Prof. Dr. Claudia Waskow

Leibniz Institute on Aging
Institute for Biochemistry and Biophysics
Faculty of Biological Sciences
Friedrich Schiller University Jena
Jena, Germany

Prof. Dr. Isabell Welpé

Chair for Strategy and Organization
TUM School of Management
Technical University of Munich
Munich, Germany

Prof. Dr. Sabine Werner

Department of Biology
Institute of Molecular Health Sciences
ETH Zurich
Zurich, Switzerland

Prof. Dr. Christina Zielinski

Department of Infection Immunology
Leibniz Institute for Natural Product Research and Infection Biology
Hans-Knöll-Institute
Jena, Germany

Organizing team

Prof. Dr. Christina Zielinski

Dr. Maike Buchner

Dr. Silvia Thöne

CRC 1335

Spokesperson: Prof. Dr. Jürgen Ruland

Office: Dr. Silvia Thöne

Institute of Clinical Chemistry and Pathobiochemistry

Technical University of Munich

Ismaninger Straße 22

81675 München

Phone: +49.89.4140.4758

E-mail: sfb1335.med@tum.de

Website: www.sfb1335.de

The symposium will be held in a virtual format and is free of charge.

To register, please e-mail to sfb1335.med@tum.de (link sends e-mail).

Registration deadline is Friday, 18th June.