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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. Welpé</i>
	Panelists <i>M. Buchner M. Kiechle P. Knolle Th. Sattlberger</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: V. Fernández-Sáiz</i>
11:00 am	The Yin Yang of the vascular and immune system in cancer <i>G. Bergers</i>
11:30 am	CD39+ PD-1+ CD8+ T-cells mediated metastatic dormancy in breast 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. Bell</i>
1:00 pm	Outlook

PARTICIPANTS

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Executive Coach & Consultant
Businesswoman
Human Rights Defender

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CRC 1335

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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).