



"Success in research needs four Gs:
Glück (luck), Geduld (patience), Geschick
(skill), und Geld (money)" *Paul Ehrlich*



REGISTRATION

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SYMPOSIUM

GEORG SPEYER HAUS
INSTITUTE FOR TUMOR BIOLOGY
AND EXPERIMENTAL THERAPY



MICROBIOME

DEC 3-4, 2025
FRANKFURT/MAIN
GERMANY

GEORG SPEYER HAUS
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Image section from Triptych Bleu I, Joan Miro

DAY 1 – DEC 3

08:30 – 09:25 Registration

09:30 – 09:35 WELCOME by the Scientific Organizer
M. Canan Arkan

SESSION I – Place

Chair: Alan Guichard and Marco Seehawer

09:35 – 10:10 Eran Elinav, Weizmann Institute, Israel
Host-microbiome interaction in health and disease

10:10 – 10:45 Michael Zimmermann, European Molecular Biology
Laboratory (EMBL), Germany
Identifying gut microbiome contributions to drug
metabolism and carcinogen toxicity

10:45 – 11:20 Sergei Grivennikov, Cedars-Sinai Medical Center, USA
Microbial and cytokine determinants of colorectal
cancer liver metastasis

11:20 - 11:50 Coffee break

KEYNOTE SPEAKER

Chair: M. Canan Arkan

11:50 – 12:40 Michael Karin, Sanford Burnham Prebys, USA
The intestinal neuroimmunological network controls
the pathogenesis of diet and alcohol induced fatty liver
diseases, providing new therapeutic opportunities

12:40 - 14:00 Lunch break

SPECIAL SESSION:

Roadmap to suXXess

Chair: M. Canan Arkan

14:00 – 14:30 Katrin Springsgut, Goethe University Frankfurt, Germany
Gender equality in research and in leadership positions

SESSION II – Space

Chair: Huy Nguyen and Florian R. Greten

14:30 – 15:05 Georg Zeller, Leiden University Medical Center, Netherlands
Investigating composition, spatial organisation
and function of microbial communities associated with
colorectal cancer

15:05 – 15:40 Thomas Clavel, RWTH University Aachen, Germany
Diet-microbiome interactions in colorectal cancer

15:40 - 16:00 Coffee break

SESSION II – Space Continuation

16:00 – 16:35 Sara Vieira-Silva, Universtiy Medical Center Mainz, Germany
Quantitative microbiome profiling to monitor its role in
disease and therapeutic outcome

16:35 – 17:10 Silke Matura, Goethe University Frankfurt, Germany
Gut feelings: The role of the gut-brain axis in mental health

19:00 Speakers Dinner

DAY 2 – DEC 4

SESSION III – Time

Chair: Despina Tawadros and Mike Tyler

09:30 – 10:05 Nicola Segata, University of Trento, Italy
The transmission of the human microbiome:
new findings and applications

10:05 – 10:40 Achim Kramer, Charité University Hospital Berlin,
Germany
Past and future of circadian medicine

10:40 – 11:15 M. Canan Arkan, Georg-Speyer-Haus, Germany
Impact of timed eating on microbial dynamics and
treatment outcomes in colorectal cancer

11:15 - 11:45 Coffee break

SESSION IV – Interaction

Chair: Toni Gemeinhardt and Henner Farin

11:45 – 12:20 Christoph Stein-Thöringer, University Hospital Tübingen,
Germany
Microbiome and cancer chemotherapy of solid and
hematologic malignancies

12:20 – 12:55 Nicola Wilck, Max Delbrück Center, Germany
Host-microbiome interaction in cardiovascular and kidney
disease

12:55 - 14:30 Lunch break

SESSION V – Modifiability

Chair: Zeynep Karahan and Melanie Tichet

14:30 – 15:05 Jens Puschhof, DKFZ, Germany
Modelling cancer-microbe interactions with organoids and
organ chips

15:05 – 15:40 Falk Hildebrand, Quadram and Earlham Institute, UK
Gut microbial persistence in health and disease

15:40 – 16:15 Lisa Maier, The M3 Research Center, Tübingen, Germany
Drugging the gut microbiome: from unintended side
effects to targeted modulation

WRAP UP

16:15 – 16:25 M. Canan Arkan

16:40 Museum tour of the historical research site of
Paul Ehrlich