

## INVITATION

The German-Israeli Cooperation in Cancer Research was founded in 1976 is one of the longest lasting scientific cooperations between these countries. To date, more than 180 joint projects have been funded. Importantly, this program has also strongly fostered friendship between scientists from Germany and Israel and other involved partners ([www.dkfz.de/israel](http://www.dkfz.de/israel)).

Established in 2008, the aim of the German-Israeli Cancer Research School is to provide a platform for intensive interaction on essential and emerging areas of cancer research between students, young researchers and principal investigators based in both countries.

The 10<sup>th</sup> German-Israeli Cancer Research School in September 2019 is dedicated to the involvement of the microbiome in cancer and additional metabolic/inflammatory diseases. The link to the liver-gut axis will also be discussed. Clinical trials and studies using attractive pre-clinical mouse models as well as fundamental basic research using novel *in vitro* models (e.g. organoids) will be discussed – aiming at identifying novel opportunities in pre-clinical and clinical research affecting metabolic, inflammatory and cancer disease.

The format of the Summer School 2019 will include lectures by expert colleagues from all over Europe and Israel. The participants, PhD students and Postdocs, will give flash talks and present their research projects in poster sessions. There will be awards for best poster presentations. There will also be time for social events in the area surrounding the conference venue.

Participation is restricted to 24 PhD students and Postdocs who will be selected by the Joint Scientific Committee.

There will be no registration fee; accommodation and meals are covered by the organizers. Sports are at own expenses.

For application see [www.dkfz.de/en/israel/school-2019/school-2019.html](http://www.dkfz.de/en/israel/school-2019/school-2019.html). Please, send the application form together with your poster abstract. In Germany, please submit to Lena Fuchs ([l.fuchs@dkfz.de](mailto:l.fuchs@dkfz.de)), and in Israel to Shani Edri ([shanie@most.gov.il](mailto:shanie@most.gov.il)) by June 20<sup>th</sup>, 2019.

Prof. Dr. Peter Angel

Dr. Sharon Yagur-Kroll

## ORGANIZERS

### Scientific Program Committee

DKFZ: Prof. Dr. Mathias Heikenwälder

Israel: Dr. Ravid Straussmann, Prof. Dr. Varda Rotter

### German-Israeli Cooperation in Cancer Research

DKFZ: Prof. Dr. Peter Angel

Israel: Dr. Sharon Yagur-Kroll

### Administrative Coordinator

Ilana Lowi

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### Venue

Location near Jerusalem, Israel (TBD)



Research for a Life without Cancer



10<sup>th</sup> German-Israeli Cancer Research School

# THE HUMAN MICROBIOME IN HEALTH AND CANCER

Israel, near Jerusalem | September 21-25, 2019

## SUNDAY, SEPTEMBER 22, 2019

- 08:30 Welcome and Introduction  
**Sharon Yagur-Kroll**, MOST, Jerusalem, Israel  
**Varda Rotter**, Weizmann Institute, Rehovot, Israel  
**Peter Angel**, DKFZ, Heidelberg, Germany
- 09:00 **Prof. Samuel Huber**, University Hamburg-Eppendorf, Germany  
IL-22 and IL-22BP in tissue regeneration
- 09:30 **Dr. Steeve Boulant**, Heidelberg University, Germany  
Polarization of the gastrointestinal epithelium and consequences for immunology and cancer
- 10:00 *Break*
- 10:30 **Flash talks (group 1)**
- 11:30 **Poster session (group 1)**
- 12:30 *Lunch*
- 13:30 **Prof. Oliver Pabst**, RWTH Aachen University, Germany  
The gastrointestinal tract, the immune system and its link to the microbiota in health and disease
- 14:00 **Prof. Dirk Haller**, Technical University Munich, Germany  
The UPR and its effects on gastrointestinal cancer
- 14:30 **Prof. Eran Elinav**, Weizmann Institute, Rehovot, Israel  
You are what you eat: diet, health and the gut microbiota.
- 15:00 *Break*
- 16:00 **Flash talks (group 2)**
- 17:00 **Poster session (group 2)**
- 18:00 *Happy Hour*
- 19:00 *Dinner*

## MONDAY, SEPTEMBER 23, 2019

- 08:30 **Prof. Mathias Heikenwälder**, DKFZ, Heidelberg, Germany  
Gastrointestinal immune cells, fatty liver disease and liver cancer
- 09:00 **Prof. Michael Karin**, University of California, San Diego, USA  
Chronic Inflammation and Cancer
- 09:30 **Prof. Naama Geva-Zatorsky**, Technion, Israel  
TBD
- 10:00 *Coffee Break*
- 10:30 **Flash talks (group 3)**
- 11:30 **Poster session (group 3)**
- 12:30 *Lunch*
- 13:30 *Afternoon excursion, followed by dinner at some place outside of conference center*  
*Optional: evening talk on subject outside of the scope of the meeting*

## TUESDAY, SEPTEMBER 24, 2019

- 08:30 **Prof. Tom Luedde**, RWTH Aachen University, Germany  
Cell death, liver inflammation and Cancer
- 09:00 **Prof. Ravid Straussman**, Weizmann Institute, Israel  
Intra-tumoral bacteria and tumor treatment resistance
- 09:30 **Prof. Omry Koren**, Bar-Ilan University, Israel  
TBD
- 10:00 *Coffee Break*
- 11:00 **Prof. Emma Slack**, ETH, Zurich, Switzerland  
High-avidity IgA protects the intestine by enchainning growing bacteria
- 11:30 **Prof. Gil Bachrach**, Tel Aviv University, Israel  
TBD
- 12:00 **Prof. Eithan Galun**, Hebrew University-Hadassah Medical School, Jerusalem, Israel  
Can we reverse NASH and prevent cancer?  
Yes we can!
- 12:30 *Closing session*
- 13:00 *Lunch*
- 14:00 *Afternoon excursion*
- 19:00 *Dinner and Poster Awards*