#### INVITATION

The German-Israeli Cooperation in Cancer Research 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).

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 9<sup>th</sup> German-Israeli Cancer Research School in March 2018 is dedicated to cancer stem cells and intra-tumor heterogeneity. International experts in this field will discuss the relevance of cellular hierarchies and molecular heterogeneity as a basis for disease-relevant phenomena such as the evolution of cancer, targeted therapy, metastases as well as disease relapse and drug resistance.

The format of the Winter School 2018 will include lectures by colleagues from all over Europe and Israel. The participants will give flash talks and present their research projects in poster sessions. There will be awards for the best poster presentations. There will also be time for skiing or other winter sports in the area surrounding the conference venue.

Participation is restricted to 24 students 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-2018/school-2018.html. Please, send the application form together with a poster abstract. In Germany please submit to Susanne Schunk (susanne.schunk@dkfz.de), and in Israel to Shani Edri (shanie@most.gov.il) by November 24<sup>th</sup>, 2017.

With kind regards,

Peter Angel Hagit Schwimmer

#### **ORGANIZERS**

### **Scientific Program Committee**

DKFZ: Prof. Dr. Andreas Trumpp, Dr. Michael Milsom Israel: Prof. Dr. Ido Amit. Prof. Dr. Varda Rotter

## **German-Israeli Cooperation in Cancer Research**

DKFZ: Prof. Dr. Peter Angel Israel: Dr. Hagit Schwimmer

#### **Administrative Coordinator**

Susanne Schunk

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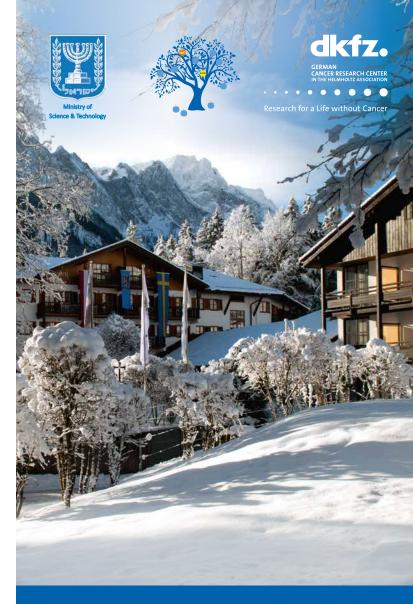
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#### Venue

Hotel am Badersee, Grainau (near Garmisch-Partenkirchen), Germany www.hotelambadersee.de



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

# CANCER STEM CELLS AND TUMOR HETEROGENEITY

Grainau, Germany | March 4 – 7, 2018

SUNDAY, MARCH 4, 2018 MONDAY,	MARCH 5, 2018
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13:00	Welcome and Introduction  Hagit Schwimmer, MOST, Jerusalem  Varda Rotter, Weizmann Institute, Rehovot	08:30	Allison Bardin, Institut Curie, Paris Genome heterogeneity in adult stem cells	08:30	<b>Tariq Enver</b> , University College London Origin and evolution and treatment resistance of childhood leukemia
	Peter Angel, DKFZ, Heidelberg	09:00	Michael Milsom, DKFZ, Heidelberg Stem cells, ageing and cancer	09:00	Elisa Laurenti, University of Cambridge
13:30	Marc van de Wetering, Princess Máxima Center for pediatric oncology, Utrecht Modelling cancer in organoids	09:30	Flash Talks (group 3)		Functional and molecular heterogeneity within the human haematopoietic stem cell compartment
		10:30	Poster Session (groups 2 + 3)	09:30	Andreas Trumpp, DKFZ, Heidelberg
14:00	Steve Pollard, Edinburgh Cancer Research Centre Regulation and deregulation of neural stem cell self-renewal in brain cancer	10:30	Coffee Break		Stem Cell Dormancy and Metabolic Control of Leukemic Stem Cells
14:30	Michele De Palma, École polytechnique fédérale	11:30	Salvador Aznar Benitah, Institute for Research in Biomedicine, Barcelona	10:00	Coffee Break
14.50	de Lausanne Reprogramming the tumor microenvironment		Stem cell function: interplay between time, diet and epigenetics	11:00	Ido Amit, Weizmann Institute, Rehovot The power of ONE: Immunology in the age of single cell genomics
	for enhancing anti-cancer therapy	12:00	Caroline Dive, Cancer Research UK, Manchester		immunology in the age of single cell genomics
15:00	Coffee Break		Institute Liquid biopsy in cancer patient management,	11:30	<b>Sergio Quezada</b> , University College London Deciphering the immune and antigenic landscape
15:30	Flash Talks (group 1)		current utility and a look to the future		within tumours
16:30	Poster Session (group 1)	12:30	Lunch	12:00	<b>Ayelet Erez, Weizmann Institute, Rehovot</b> Metabolic induction of mutagenesis in cancer
17:30	Jan Korbel, EMBL, Heidelberg	13:30	Free time for skiing/winter sports		via amino-acid metabolism
	Novel insights into cancer through global sharing of tumour genomes	19:30	"Hüttenzauber": Dinner in a traditional Bavarian mountain lodge	12:30	Lunch
18:00	Marco Gerlinger, The Institute for Cancer Research,			13:30	Free time for skiing/winter sports
	London Patterns and dynamics of genetic intratumour heterogeneity			19:00	<b>Gioaccchino Natoli</b> , FOM-IEO, Milan Transcriptional control of differentiation in human pancreatic cancer
18:30	<b>Elli Papaemmanuil</b> , Memorial Sloan Kettering Cancer Center, New York Understanding clonal phylogenies			19:30	Ofer Mandelboim, Hebrew University, Jerusalem Human NK cells remember first pregnancy and
19:30	Dinner at the Hotel				better support subsequent pregnancies
21:00	Flash Talks (group 2)			20:00	Dinner at the Hotel Poster Awards

TUESDAY, MARCH 6, 2018