The German-Israeli Cooperation in Cancer Research was founded in 1976. Up to now 113 projects were successfully completed. More information on the cooperation program can be taken from our homepage: www.dkfz.de/israel. The Winter school is jointly organized with the Helmholtz Graduate School for Cancer Research of DKFZ and will be funded by it.

During its 30th Anniversary in 2006 the idea for a Winter school was born. Our aim is to bring together young scientists from both countries, Israel and Germany, in a friendly atmosphere where the international exchange of ideas can take place. Lectures from well-renowned scientists from both countries will give an opportunity to discuss the most recent scientific methods and achievements.

The Winter school includes lectures in the morning and later afternoon. In the prolonged lunch break (12.00 – 16.00 h) the young scientists have the opportunity for skiing or other winter sports.

Participation is restricted to 20 students. If more applications are received, participants will be chosen by a committee.

Conditions for participation: Please apply by letter (stating your motivation) and C.V. to the Winter school secretariat via e-mail. A fee of 150,- Euro will be requested by each participant, travel costs have to be covered as well. The Winter school covers costs for lectures, accommodation (double room), breakfast and dinner from March 4 (evening) to March 7 (morning). All lunches and costs for sports are on your own expenses.

Wolfhard Semmler
Thomas Efferth

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1st Winterschool
Pichl / Austria
March, 4-7, 2008

German - Israeli Cooperation in Cancer Research

Application for the Winter School
Location

German - Israeli Cooperation in Cancer Research

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Program

Tuesday, March 4, 2008
morning Arrival

15:45 h Welcome Addresses
W. Semmler and T. Efferth, DKFZ, Heidelberg
I. Witz, Tel Aviv University, Tel Aviv

Cancer Molecular Imaging
W. Semmler

16:00 h Introduction and Overview
W. Semmler, DKFZ, Heidelberg

16:30 h Magnetic resonance imaging techniques
M. Bock, DKFZ, Heidelberg

17:15 h Detecting molecular processes with optical imaging and positron emission tomography – an instrumentation approach
J. Peter, DKFZ, Heidelberg

19:30 h Dinner

Wednesday, March 5, 2008

Cancer Molecular Imaging, contd.
W. Semmler

09:00 h Multimodality contrast media for monitoring the role of tumor stroma interactions in angiogenesis
M. Neeman, Weizmann Institute of Science, Rehovot

09:45 h What is new on in vivo imaging of cell tracking?
I. Hilger, University of Jena, Jena

10:30 h Molecular and functional ultrasound imaging of tumor angiogenesis
F. Kießling, DKFZ, Heidelberg

12:00 h Lunch

Molecular Biology of Cancer
D. Ginsberg

16:00 h Introduction and Overview
D. Ginsberg, Bar Ilan University, Ramat Gan

16:30 h The E2F1-p53 network and cell transformation
D. Ginsberg, Bar Ilan University, Ramat Gan

17:15 h The role of DNA repair in cancer
Z. Livneh, Weizmann Institute of Science, Rehovot

18:00 h BID: a pivotal regulator of cell life & death decisions
A. Gross, Weizmann Institute of Science, Rehovot

19:00 h Dinner

20:00 h Social Gathering

Thursday, March 6, 2008

Molecular Biology of Cancer, contd.
D. Ginsberg

08:30 h Fragile sites and cancer
L. Savelyeva, DKFZ, Heidelberg

Microenvironment
I. Witz

09:30 h Introduction and Overview
I. Witz, Tel Aviv University, Tel Aviv

10:30 h Inflammation, angiogenesis and tumor progression
M. Mueller, DKFZ, Heidelberg

12:00 h Lunch

Microenvironment, contd.
I. Witz

16:00 h The impact of neuroblastoma-microenvironment interactions on metastasis
I. Witz, Tel Aviv University, Tel Aviv

16:45 h Inflammatory chemokines in malignancy: The Good, the Bad and the Evil
A. Ben Baruch, Tel Aviv University, Tel Aviv

Genomics and Epigenetics
J. Hoheisel

17:30 h Cancer Epigenetics
B. Brückner, DKFZ, Heidelberg

18:15 h Functional genomics and proteomics in cancer research
J. Hoheisel, DKFZ, Heidelberg

19:00 h Gene Therapy
C. von Kalle, NCT, Heidelberg

20:00 h Dinner

Friday, March 7, 2008
morning Departure

Organization

Winter School

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Friday, March 7, 2008
morning Departure

Organization

Organizers

German-Israeli Cooperation in Cancer Research
DKFZ: Prof. Dr. Dr. Wolfhard Semmler
MOST: Dr. Shlomo Sarig, Nurit Topaz

PhD-Programm
Prof. Dr. Thomas Efferth

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Registration deadline
December 14, 2007

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