

## German-Israeli Symposium on Cancer Research

March 19-20, 2006

Weizmann Institute of Science, Rehovot  
Tel Aviv University, Tel-Aviv  
Israel

### Organizers

Otmar D. Wiestler, DKFZ, and  
Varda Rotter, Weizmann Institute of Science

### Local Organizing Committee

Nurit Topaz and Shlomo Sarig  
Ministry of Science and Technology  
Jerusalem

### Scientific Committee

Max Burger,  
Novartis Science Board, Switzerland  
Adelheid Cerwenka, DKFZ  
Henri-Jacques Delecluse, DKFZ  
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Christof Niehrs, DKFZ  
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University Tübingen  
Michael Schlesinger,  
Hebrew University of Jerusalem  
Wolfhard Semmler, DKFZ  
Isaac Witz, Tel Aviv University, Tel-Aviv  
Eitan Yefenof,  
Hebrew University of Jerusalem

### Chairs

Max Burger  
Hans-Georg Rammensee  
Michael Schlesinger  
Wolfhard Semmler  
Varda Rotter  
Otmar D. Wiestler  
Eitan Yefenof

DKFZ-MOST Cooperation in Cancer Research  
30th Anniversary Festivities  
March 19-20, 2006

## REGISTRATION FORM

*Please use only capital letters and return to:*

Mrs. Sharon Delaroza  
International relations Division MOST  
Tel: +972-2-5411121  
Fax: +972-2-5825725  
E-mail: sharond@most.gov.il

Last name: \_\_\_\_\_

First name: \_\_\_\_\_

Title: \_\_\_\_\_

Institution: \_\_\_\_\_

E-mail: \_\_\_\_\_

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

I will take part

- in the Symposium event  
on March 19, 2006  
(at Weizmann Institute of Science)
- in the Symposium event  
on March 20, 2006  
(at Tel Aviv University)

Technical equipment needed for the presentation:

Ministry of Science  
and Technology  
(MOST)

Deutsches  
Krebsforschungszentrum  
(DKFZ)

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## German-Israeli Symposium on Cancer Research

Sunday, March 19, 2006

Weizmann Institute of Science, Rehovot

Ebner Lecture Hall

08.00-11.30 Registration

09.00-11.00 30<sup>th</sup> Anniversary Event

11.00-11.30 Coffee Break

### Program

#### I. Cancer Stem Cells

Chair: Eitan Yefenof

##### 11.30 KEYNOTE LECTURE

Joseph Itskovitz-Eldor, Rappaport Research Institute, Technion – Israel Institute of Technology, Haifa: *Human embryonic stem cells: the promise and the reality*

12.00 Bernhard Radlwimmer, DKFZ: *Molecular profiling of normal and malignant stem cells of the central nervous system*

12.30 Petra Boukamp, DKFZ: *The role of telomerase and telomeres in normal and cancer cells*

13.00 Karl Skorecki, Rappaport Research Institute Technion - Israel Institute of Technology, Haifa: *Novel application of human embryonic stem cells in cancer research*

13.30 Dov Zipori, Weizmann Institute of Science, Rehovot: *The stem state in cancer*

14.00-14.45 Luncheon

#### II. Tumor Biology I

Chair: Otmar D. Wiestler

14.45 Israel Vlodavsky, Technion - Israel Institute of Technology, Haifa: *Regulation and function of heparanase in cancer metastasis and angiogenesis*

15.15 Doron Ginsberg, Bar Ilan University, Ramat Gan: *Transcriptional regulation of signal transduction pathways by E2F*

15.45 Peter Angel, DKFZ: *AP-1-dependent gene expression in tumorigenesis and inflammation of the skin*

16.15-16.30 Coffee Break

#### III. Tumor Biology II

Chair: Varda Rotter

16.30 Christof Niehrs, DKFZ: *Regulation of Wnt-LRP6 signalling during embryonic development*

17.00 Rüdiger Arnold, DKFZ: *HPK1: A Molecular Switch between Life and Death in T Cells*

17.30 Moshe Oren, Weizmann Institute of Science, Rehovot: *Regulation of NF- $\kappa$ B activity by mutant p53*

18.00 Adi Kimchi, Weizmann Institute of Science, Rehovot: *Molecular networks in cell death: DAP genes and beyond*

### Monday, March 20, 2006

#### Tel Aviv University

The Archie Sherman Building for Life Sciences, Room 105

08.45 Greetings and welcome address by Tel Aviv University representative

#### IV. Cancer and the Genome

Chair: Max Burger

09.00 Frank Lyko, DKFZ: *Epigenetic changes in cancer cells*

09.30 Otmar D. Wiestler, DKFZ: *Molecular pathology of medulloblastomas*

10.00 Avri Ben-Ze'ev, Weizmann Institute of Science, Rehovot: *Novel target genes of Wnt/ $\beta$ -catenin signaling in colon cancer development*

10.30 Isaac Witz, Tel Aviv University: *The tumor micro-environment - Stephen Paget and beyond*

11.00-11.15 Coffee Break

#### V. Cancer and the Immune System

Chair: Michael Schlesinger

11.15 Adelheid Cerwenka, DKFZ: *The innate immune response against cancer*

11.45 Hans-Georg Rammensee, University of Tübingen: *Molecularly defined tumor immunotherapy using peptides, mRNA, and antibodies*

12.15 Ron Apte, Ben Gurion University of the Negev, Beer-Sheva: *Interleukin-1 is an important player in the arena of cancer biology*

12.45 Yinon Ben Neriah, The Hebrew University of Jerusalem: *Molecular links of inflammation and cancer*

13.15-14.00 Lunch

#### VI. Molecular Imaging of Cancer

Chair: Wolfhard Semmler

14.00 Wolfhard Semmler, DKFZ: *Molecular imaging methods in oncology*

14.30 Michal Neeman, Weizmann Institute of Science, Rehovot: *MRI of tumor angiogenesis*

15.00 Einat Even-Sapir, Tel Aviv Sourasky Medical Center: *Functional imaging of metastatic bone involvement using SPECT and PET*

15.30-16.00 Coffee Break

#### VII. Translational Cancer Research

Chair: Hans-Georg Rammensee

16.00 Henri-Jacques Delecluse, DKFZ: *Pathogenesis and prevention of EBV-associated tumors*

16.30 Bernd Groner, Georg-Speyer-Haus, Frankfurt/Main: *Mammary gland development, breast cancer and Stat proteins as therapeutic targets*

17.00 Mordechai Liscovitch, Weizmann Institute of Science, Rehovot: *Caveolin-1: a multifunctional regulator of cancer cell proliferation and survival*

17.30 Nadir Arber, Tel Aviv Sourasky Medical Center: *Colorectal cancer is preventable: from bench to bedside*

#### Special Session

18.00 Amnon Barak and Otmar D. Wiestler: *GIF-DKFZ Collaboration Program*