

Inflammation Induced Cancer Conference

Jerusalem, March 24th - March 27th 2012
Hadassah Hebrew University Medical Center, Ein-Kerem Campus
Hadassah's new auditorium

Scientific Program	
Saturday, March 24, 2012	
19:30	Reception
SESSION 1	Chairpersons: Eithan Galun , Hadassah Hebrew University Medical Center, Jerusalem, Israel
19:45 – 19:55	OPENING AND GREETINGS Benjamin Geiger- Director of the ISF
19:55 – 20:00	Ehud Kokia – Director, Hadassah Hebrew University Medical Center, Jerusalem, Israel
20:00 – 20:05	Eran Leitersdorf – Dean, Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem, Israel
SESSION 2	Chairpersons: Peter Schirmacher , Heidelberg University Hospital, Heidelberg, Germany Ansgar Lohse , University Medical Center, Hamburg-Eppendorf, Hamburg, Germany
20:10 – 20:55	Marie Annick Buendia , INSERM U785, Villejuif, France <i>Hepatitis B virus and liver cancer: control of viral transcription by the HBx protein and cellular factors</i>
20:55 – 21:05	Musical performance: Idit Shemer, Genevieve Blanchard Baroque flutes W.F. Bach: Duo in F for 2 flutes. Allegro-Adagio-Vivace.
21:05 – 21:50	Alberto Mantovani , University of Milan, Milan, Italy <i>Targeting cancer-related inflammation</i>
Sunday, March 25, 2012	
SESSION 3	Chairperson: Isaac P. Witz , Tel-Aviv University, Tel-Aviv, Israel
8:00 – 8:30	Reception
8:30 – 8:45	Ittai Ben-Porath , The Hebrew University of Jerusalem, Jerusalem, Israel <i>Controlled induction of cellular senescence in vivo</i>

8:45 – 9:15	Chaim Cedar , The Hebrew University of Jerusalem, Jerusalem, Israel <i>DNA methylation in cancer</i>
9:15 – 9:30	Tamar Geiger , Tel-Aviv University, Tel-Aviv, Israel <i>Deep proteomic analysis of breast cancer</i>
9:30 – 9:45	Omri Bauer , Weizmann Institute of Science, Rehovot, Israel <i>Runx3 is essential for inflammation-mediated skin tumorigenesis</i>
9:45 – 10:15	Amnon Peled , Hadassah Hebrew University Medical Center, Jerusalem, Israel <i>Inflammation-induced hepatocellular carcinoma is dependent on CCR5</i>
10:15 – 10:35	COFFEE BREAK
SESSION 4	Chairperson: Yosef Shaul , Weizmann Institute of Science, Rehovot, Israel
10:35 – 11:05	Marc Feldmann , University of Oxford, London, UK <i>Anti-TNF therapy in rheumatoid arthritis: Is there relevance for cancer therapy</i>
11:05 – 11:35	Mathias Heikenwalder , Technische Universitat Munchen (TUM), Helmholtz Zentrum Munchen, Munich, Germany <i>Distinct roles of CCR2 signaling in tumor cell extravasation</i>
11:35 – 12:05	Stefan Rose-John , Christian-Albrechts-University, Kiel, Germany <i>Pro-and anti-inflammatory properties of cytokines: A matter of cleavage</i>
12:05 – 13:00	BREAK – LUNCH IS NOT PROVIDED
13:00 – 13:15	Netta Sela-Passwell , Weizmann Institute of Science, Rehovot, Israel <i>Novel inhibitory anti-metalloprotease antibodies show therapeutic potential</i>
13:15 – 13:45	Ofer Mandelboim , The Hebrew University of Jerusalem, Jerusalem, Israel <i>The protective and the destructive activity of the NKp46 killer receptor in liver fibrosis and in type 1 diabetes</i>
13:45 – 14:00	Dirk Schmidt-Arras , Christian-Albrechts-University, Kiel, Germany <i>An oncogenic gp130 deletion mutant displays impaired maturation and induces an inflammatory phenotype in a transgenic mouse model</i>
14:00 – 14:20	COFFEE BREAK
SESSION 5	Chairperson: Gisa Tiegs , University Medical Center Hamburg Eppendorf, Hamburg, Germany
14:20 – 14:50	Mariano Barbacid , The Spanish National Cancer Research Center (CNIO), Madrid, Spain <i>The role of inflammation in the progression of pancreatic ductal adenocarcinoma</i>

14:50 – 15:05	Gabriele Sass , University Medical Centre Hamburg-Eppendorf, Hamburg, Germany <i>Induction of heme oxygenase 1 prevents progression of liver fibrosis in Mdr2ko mice</i>
15:05 – 15:20	Stephan Singer , University Hospital Heidelberg, Heidelberg, Germany <i>Post-transcriptional regulation of select p53 target genes by the nuclear pore component Nup98 in hepatocellular carcinoma</i>
15:20 – 15:35	Henning Wege , University Medical Center Hamburg-Eppendorf, Hamburg, Germany <i>Transformation of telomerase-immortalized human hepatocytes – early steps of hepatocarcinogenesis</i>
15:35 – 16:05	Lars Zender , MHH Hannover Medical School, Hannover and HZI Helmholtz Center, Braunschweig, Germany <i>Senescence surveillance in hepatocellular carcinoma</i>
Monday, March 26, 2012	
SESSION 6	Chairperson: Snorri S. Thorgeirsson , National Institutes of Health (NIH), Bethesda, Maryland, USA
8:30 – 9:00	Reception
9:00 – 9:15	Carmit Levy , Tel-Aviv University, Tel-Aviv, Israel <i>The three M's: Melanoma, MITF and microRNA</i>
9:15 – 9:45	Michael Karin , UC San Diego, La Jolla, California, USA <i>New tricks for an old pony: IKKα and death-stimulated tumor progression</i>
9:45 – 10:15	Hellmut G. Augustin , DKFZ German Cancer Research Center, Heidelberg, Germany <i>Role of Angiopoietin/Tie signaling in inflammatory, angiogenic and tissue-regenerative signaling</i>
10:15 – 10:30	Lars Wiechert , DKFZ German Cancer Research Center, Heidelberg, Germany <i>Function of the S100a8 and S100a9 protein complex in liver homeostasis and inflammation</i>
10:30 – 10:50	COFFEE BREAK
SESSION 7	Chairperson: Stefan Rose-John , Christian-Albrechts University, Kiel, Germany
10:50 – 11:20	Michal Baniyash , The Hebrew University of Jerusalem, Jerusalem, Israel <i>Chronic inflammation-induced immunosuppression: Underlying mechanisms and clinical implication in cancer</i>

11:20 – 11:35	Izhak Haviv , Bar Ilan University, Ramat Gan, Israel <i>Distinguishing epithelial from stromal expression of mesenchymal signatures in cancer</i>
11:35 – 11:50	Zvi G. Fridlender , Hadassah Hebrew University Hospital, Jerusalem, Israel <i>Tumor-associated neutrophils – evolution, phenotype, polarization and implications for anti-tumor immunity</i>
11:50 – 12:20	Ron N. Apte , Ben-Gurion University of the Negev, Beer-Sheva, Israel <i>Interleukin-1-mediated inflammation and the malignant process</i>
12:20 – 12:50	Eli Pikarsky , The Hebrew University of Jerusalem, Jerusalem, Israel <i>Acquisition of a pro-tumorigenic macrophage phenotype depends on c-Jun phosphorylation</i>
12:50 – 13:20	Nisar Malek , University Hospital, Tübingen, Germany <i>Regulation of genetic stability through an ubiquitin ligase controlling centrosome duplication</i>
13:20 – 14:00	BREAK – LUNCH IS NOT PROVIDED
SESSION 8	Chairperson: Tamar Peretz , Hadassah Hebrew University Medical Center, Jerusalem, Israel
14:00 – 14:30	Yinon Ben-Neriah , The Hebrew University of Jerusalem, Jerusalem, Israel <i>Inflammatory control of colorectal cancer progression</i>
14:30 – 15:00	Snorri S. Thorgeirsson , National Institutes of Health (NIH), Bethesda, Maryland, USA <i>Stem cells and cancer: A deadly attraction</i>
15:00 – 15:15	Jorg Schrader , University Medical Centre Hamburg-Eppendorf, Hamburg, Germany <i>Inflammation-induced extracellular matrix alteration in liver cancer</i>
15:15 – 15:30	Ido Amit , Weizmann Institute of Science, Rehovot, Israel <i>Systematic mapping of temporal transcription factor binding reveals principles of mammalian gene regulation</i>
15:30 – 16:00	Erwin F. Wagner , The Spanish National Cancer Research Center (CNIO), Madrid, Spain <i>Inflammation and cancer: Functions of AP-1 (Fos/Jun)</i>
16:00 – 16:20	COFFEE BREAK
SESSION 9	Chairperson: Yinon Ben-Neriah , The Hebrew University of Jerusalem, Jerusalem, Israel
16:20 – 16:35	Helena Shaked , University of California, San Diego, La Jolla, CA, USA <i>Epithelial NF-κB activation accelerates intestinal tumorigenesis through iNOS upregulation</i>

16:35 – 16:50	Zeev Dvashi , Tel Aviv University, Tel Aviv, Israel <i>Increased inflammation and angiogenesis in PPM1A KO mice</i>
16:50 – 17:20	Jesus Gil , Imperial College London, London, UK <i>Non-cell-autonomous senescence</i>
17:20 – 17:35	Florian Kühnel , MHH Hannover Medical School, Hannover, Germany <i>Breaking tolerance: virus infections in tumors and tumor-directed immune responses</i>
Tuesday, March 27, 2012	
SESSION 10	Chairperson: Johannes Herkel , University Medical Center Hamburg Eppendorf, Hamburg, Germany
8:00 – 8:30	Reception
8:30 – 9:00	Yosef Shaul , Weizmann Institute of Science, Rehovot, Israel <i>Proteasomes in cancer cells - formation and activity</i>
9:00 – 9:15	Kai Breuhahn , University Hospital Heidelberg, Heidelberg, Germany <i>Effector mechanisms of oncogenic YAP in gastrointestinal tumors</i>
9:15 – 9:30	Rinat Abramovitch , Hadassah Hebrew University Medical Center, Jerusalem, Israel <i>Double strand DNA breaks, chronic inflammation and liver cancer</i>
9:30 – 9:45	Jonathan Axelrod , Hadassah Hebrew Medical Center, Jerusalem, Israel <i>Interleukin-6 is crucial for accelerated hepatocellular carcinogenesis following liver regeneration in a murine model of chronic inflammation-associated HCC</i>
9:45 – 10:15	Kristoffer Weber , University Medical Centre Hamburg-Eppendorf, Hamburg, Germany <i>RGB marking with LeGO vectors for multi-color clonal cell tracking</i>
10:15 – 10:45	Ralf Bartenschlager , Heidelberg University, Heidelberg, Germany <i>Hepatitis C virus and its role in promoting hepatocellular carcinoma</i>
10:45 – 11:05	COFFEE BREAK
SESSION 11	Chairperson: Eli Pikarsky , The Hebrew University of Jerusalem, Jerusalem, Israel
11:05 – 11:20	Valery Krizhanovsky , Weizmann Institute of Science, Rehovot, Israel <i>Mechanisms of immune surveillance of senescent cells in liver fibrosis</i>
11:20 – 11:35	Daniel Goldenberg , Hadassah Hebrew University Medical Center, Jerusalem, Israel <i>Transgene expressing hepatitis C virus polyprotein efficiently promotes inflammation-induced hepatocarcinogenesis</i>

11:35 – 11:50	Tomer Cooks , Weizmann Institute of Science, Rehovot, Israel <i>Mutant p53 prolongs NFκB activation and promotes chronic inflammation and inflammation-associated colorectal cancer</i>
11:50 – 12:05	Daniel Dauch , Helmholtz Centre for Infection Research, Braunschweig, Germany <i>In vivo RNAi screening identifies new mediators of p53-independent tumor suppressive functions of p19Arf in the liver</i>
12:05 – 12:20	Neta Erez , Tel Aviv University, Tel-Aviv, Israel <i>Cancer-associated fibroblasts mediate tumor promoting inflammation</i>
12:20 – 12:45	David J. Waxman , Boston University, Boston, Massachusetts, USA <i>VEGF receptor inhibitors block the activation of innate immunity-induced tumor regression by metronomic chemotherapy</i>
12:45 – 13:00	Erez Y. Levanon , Bar Ilan University, Ramat-Gan, Israel <i>RNA editing, as a mechanism for somatic mutations induced by inflammation</i>
13:00 – 13:30	Adit Ben-Baruch Tel Aviv University, Tel Aviv, Israel <i>The inflammatory microenvironment in breast cancer: Regulation of a pro-angiogenic switch and cell-remodeling</i>