

INVITED SPEAKERS 2007

Vassilis Aidinis, Athens, Greece

ATX and LPA signaling in chronic inflammatory disorders

Mariano Barbacid, Madrid, Spain

Ras genes, Ras oncogenes and cancer

Shannon Bard, Halifax, Canada

Coastal Scene Investigation (CSI): Solving ecotoxicology puzzles using clues from contaminated waters and multixenobiotic resistant fish

Michael Baumann, Dresden, Germany

Preclinical evaluation of molecular targeting and imaging strategies for radiotherapy

Parveen Bhatti, Bethesda, MD, USA

Polymorphisms in DNA repair genes, ionizing radiation exposure and risk of breast cancer in U.S. Radiologic Technologists

Claus Belka, Tübingen, Germany

Biological approaches for the optimisation of radiotherapy outcomes

Julian Blow, Dundee, UK

How do cells ensure genomic DNA is completely replicated?

Paul Clarke, Dundee, UK

Controlling the balance between cell division and cell death

Hans Clevers, Utrecht, the Netherlands

Wnt and Notch Signaling pathways in development and cancer of the gut

Jean Davoust, Paris, France

Langerhans trafficking and antigen capture in the skin

Cees Dekker, Delft, the Netherlands

Nanotechnology tools for biology, the power of single-molecule biophysics

Arnold Driessen, Groningen, the Netherlands

The E. coli translocase, a remarkable and dynamic protein translocation machine

Martin Eilers, Marburg, Germany

Transcriptional and non-transcriptional functions of Myc in Transformation

Mia Gaudet, Bethesda, MD, USA

Genetic variation in the estrogen metabolism pathway and breast cancer risk

Amato Giaccia, Stanford, CA, USA

New molecular targeted therapies that exploit tumor hypoxia

Dietmar Georg, Vienna, Austria

Gated linac based stereotactic RT for uveal melanoma – an alternative to proton beam therapy?

Michael Glickman, Haifa, Israel

A Mason's approach to the 19S regulatory particle of the proteasome

Bruno Goud, Paris, France

Role of Rab6 and Rab11 GTPases during cell cycle

Gideon Grafi, Negev, Israel

The complexity of cellular dedifferentiation: the perspective of chromatin structure

Arjan Griffioen, Maastricht, the Netherlands

A novel mechanism of angiogenesis inhibition, new clues for anti-cancer therapy

John Haanen, Amsterdam, the Netherlands

Manipulating T cell responses for the treatment of human cancer

Edith Heard, Paris, France

Nuclear dynamics and epigenetic changes underlying the regulation of X-chromosome inactivation

Albert Heck, Utrecht, the Netherlands

Proteome biology: status and challenges

Arend Heerschap, Nijmegen, the Netherlands

MR imaging: from animals to humans with nanoparticles and metabolites

Jan Hoeijmakers, Rotterdam, the Netherlands

DNA damage in cancer and aging

Frank Holstege, Utrecht, the Netherlands

Understanding regulatory circuitry and detecting metastasis

Bernhard Holzner, Innsbruck, Austria

'How are you feeling?' Development of a computer-based health evaluation system (CHES) to facilitate structured assessment of patients' health-related quality of life in daily clinical oncology practice

Trey Ideker, San Diego, CA, USA

Protein network comparative genomics

Jos Jonkers, Amsterdam, the Netherlands

Conditional mouse models of breast cancer

Chrissa Kiousi, Corvallis, OR, USA

Molecular networks during muscle development

Juergen Knoblich, Vienna, Austria
Drosophila as a model for stem cell derived tumor formation

Richard Kolesnick, New York, NY, USA
Cooperative interaction of vascular & stem cell damage

Yvette van Kooyk, Amsterdam, the Netherlands
Glycosylation and cancer: their effects on dendritic cells

Peter Laird, Los Angeles, CA, USA
Cancer epigenetics

Goran Landberg, Malmö, Sweden
Delineation of tamoxifen treatment response in breast cancer using experimental models and randomized treatment trials

Titia de Lange, New York, NY, USA
How telomeres protect chromosome ends

Anders Lund, Copenhagen, Denmark
Pulling out novel functions for microRNAs

Zoe Lygerou, Patras, Greece
Maintaining genome integrity: the licensing factor Cdt1 and its inhibitor Geminin in cell cycle control and tumorigenesis

Iain Mattaj, Heidelberg, Germany
Rebuilding the nuclear envelope after mitosis

Richard Marais, London, UK
BRAF signalling in cancer; oncogenic activity and therapeutic implications

Alea Mills, Cold Spring Harbor, NY, USA
CHD5 is a novel tumor suppressor at 1p36

Gordon Mills, Houston, TX, USA
A systems approach to development and implementation of cancer therapeutics: PI3K pathway as a target

Andrew Morris, Lexington, KY, USA
Phosphatidic acid phosphatases and their relatives

Hiromitsu Nakauchi, Tokyo, Japan
Hibernation of hematopoietic stem cells in the bone marrow niche

Roel Nusse, Stanford, CA, USA
Stem cells, cancer and Wnt signaling

Michele Pagano, New York, NY, USA
Control of cell cycle checkpoints by SCF ubiquitin ligases

Lajos Pusztai, Houston, TX, USA
MD Anderson Cancer Center breast cancer pharmacogenomic program

Martine Roussel, Memphis, TN, USA
Genetic determinants in cerebellar development and cancer

Timm Schroeder, Munich, Germany
Tracking hematopoiesis at the single cell level

Joan Seoane, Barcelona, Spain
The oncogenic role of the TGF- β pathway

Ken Shortman, Melbourne, Australia
How dendritic cells grow and how to target them *in vivo*

Bhuvanesh Singh, New York, NY, USA
SCCRO: a global oncogene

Peter Sorger, Cambridge, USA
Systems biology of cell death and survival

Sean Stevens, New York, NY, USA
The Veloc-Immune mouse: a novel platform for generation of human therapeutic antibodies

John Stingl, Cambridge, UK
In search of mammary gland stem cells

Terence Strick, Paris, France
Single-molecule analysis of genomic housekeeping processes: from gene transcription to DNA mismatch repair

Alphonse Taghian, Boston, MA, USA
Tumor physiology and response to neoadjuvant chemotherapy for patients treated for breast cancer

Inder Verma, La Jolla, CA, USA
Cancer: a malady of genes

Emile Voest, Utrecht, the Netherlands
Angiogenesis from concept to target practice

Tobias Walther, Martinsried, Germany
Spatial organization of the plasma membrane: Eisosomes show the way

Catharine West, Manchester, UK
Phenotype specific profiling to predict radiotherapy outcome

Pratyaksha Wirapati, Lausanne, Switzerland
Computational and statistical issues in co-analyzing gene expression data from multiple studies and platforms

Adabella van der Zand, Utrecht, the Netherlands
The birth of a peroxisome

Marc Zapatka, Heidelberg, Germany
Mass spectrometry for sample classification. A comprehensive work flow with new variable selection procedure