



EACR 20

20th Meeting of the EUROPEAN ASSOCIATION FOR CANCER RESEARCH

Lyon | France | 5-8 July 2008 |



EACR 20 SCIENTIFIC PROGRAMME - LYON, FRANCE

Educational Lectures

M. Buyse (BE), M. Esteller (ES), J.W. Gray (US), S.P. Jackson (UK), W.G. Kaelin (US), G. Mills (US), D. Neri (CH), P. Workman (UK), H. Zur Hausen (DE)

Plenary Lectures

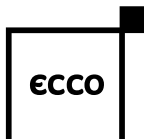
H. Clevers (NL) - (Muhlbock Lecture), M. Karin (US), C. Marshall (UK) - (AICR Lecture), K. Polyak (US), C. Thompson (US), K. Vousden (UK) - (Mike Price Lecture), D.R. Welch (US)

Symposia

R. Agami (NL), D. Alessi (UK), S. Aznar-Benitah (ES), J. Bartek (DK), A. Berns (NL), Z.M. Bhujwalla (US), M. Blasco (ES), P. Boffetta (FR), K.L. Borden (CA), A.-L. Borresen-Dale (NO), P. Cairns (US), A. Carè (IT), L. Chin (US), F. Ciardiello (IT), M. Colombo (IT), J. Downs (UK), G. Evan (US), V.R. Fantin (US), M. Frame (UK), P. Friedl (DE), B. Geiger (IL), E. Gilson (FR), I. Grummt (DE), W. Gullick (UK), P. Hainaut (FR), T.D. Halazonetis (CH), J.H.J. Hoeijmakers (NL), R. Hung (US), A. Iavarone (US), V. Jendrossek (DE), R.F. Ketting (NL), R. Klemke (US), J.C. Lacal (ES), N. Lemoine (UK), S. Lowe (US), R. Marais (UK), G. Mills (US), L.M. Naldini (IT), N. Normanno (IT), C.M. Perou (US), J. Petrini (US), J.W. Pollard (US), B. Ponder (UK), J. Pouyssegur (FR), J. Reis-Filho (UK), L. Rudolph (DE), K. Ryan (UK), H. Schreiber (US), J. Seoane (ES), P. Steeg (US), A. Strasser (AU), M. Stratton (UK), G. Thomas (US), M. Vidal (CA), M. v.d. Vijver (NL), C. Weinberg (US), E.P. White (US), F. White (US), R. White (UK), Y. Yarden (IL), L. Zitvogel (FR)

Award Lectures

R.A. Weinberg (US), V. Velculescu (US)



EACR 20 in Lyon - July 2008

Many EACR members have already taken advantage of the special registration rates for EACR 20 in Lyon anticipating a rewarding conference. The extensive programme appears below.



20th Meeting of the
EUROPEAN ASSOCIATION
FOR CANCER RESEARCH

UPDATED PROGRAMME Lyon France 5-8 July 2008



The European Association for Cancer Research celebrates its 40th Anniversary in 2008



Please note that this Advance Programme is subject to possible changes.
For the latest update, please consult the EACR-20 website: www.ecco.org.eu

EACR 20 Scientific Programme

Saturday, 5 July 2008

Muhlbock Lecture (13:30-14:30)
H. Clevers (NL)

Symposia (15:00-17:00)

Receptor signalling
Chair: W. Gullick (UK)

Computational simulation of the EGF receptor system
W. Gullick (UK)

The EGF receptor signalling system
Y. Yarden (IL)

The EGF receptor system as a target for therapy
N. Normanno (IT)

Mechanisms of resistance to EGFR inhibitors
F. Ciardiello (IT)

Gene expression and cancer
Chair: R. White (UK)

RNA polymerase I transcription
I. Grummt (DE)

RNA polymerase III transcription and cancer
R. White (UK)

eIF4E and post-transcriptional gene regulation in cancer
K.L. Borden (CA)

Id proteins and oncogenesis
A. Iavarone (US)

Diagnostic and predictive molecular markers
Chair: A.-L. Borresen-Dale (NO)

Blood expression profiles as early diagnosis of cancer
A.-L. Borresen-Dale (NO)

Gene methylation for the diagnosis and prognosis of cancer
P. Cairns (US)

Predictive gene profiles for therapy, breast and head and neck
C.M. Perou (US)

TP53 as an important molecular marker
P. Hainaut (FR)

Plenary Lecture (17:00-18:00)

Cancer stem cells
K. Polyak (US)

Sunday, 6 July 2008

Educational Lecture
(08:00-08:50)

Viruses + Cancer
H. Zur Hausen (DE)

Biomarkers for tailored therapy
G. Mills (US)

Drug Design
P. Workman (UK)

Plenary Lecture
(09:00-09:45)

Microenvironment
D.R. Welch (US)

Symposia
(10:15-12:15)

Cell death pathways
Chair: V. Jendrossek (DE)

Myc-induced apoptosis and tumour suppression: Lessons from mouse models
G. Evan (US)

Targeting p73 causes tumour regression in vivo
K. Ryan (UK)

Apoptosis regulation by BH-3 only proteins: Impact for tumour development and response to anticancer treatment
A. Strasser (AU)

Dual role of autophagy in cancer
E.P. White (US)

Canceromics

Chair: M. Stratton (UK)

The Cancer Genome Project
M. Stratton (UK)

Proteomics approaches in cancer
B. Domon (CH)

Analysing the phospho-proteome
F. White (US)

Systems approaches to
understanding cell signalling
M. Vidal (CA)

Mouse Models

Chair: A. Berns (NL)

Mouse models of cancer
A. Berns (NL)

p53 in cancer
S. Lowe (US)

Epithelial homeostasis and cancer
S. Aznar-Benitah (ES)

Integrative comparative
oncogenomics of mouse and human
tumours
L. Chin (US)

Award Lecture

(13:45-14:35)

Young Cancer Researcher's Award
(To be announced)

AICR Lecture (17:30-18:30)

Metastasis
C. Marshall (UK)

Monday, 7 July 2008

Educational Lecture

(08:00-08:50)

The von Hippel-Lindau Protein:
Insights into Hypoxic Signalling and
Cancer
W.G. Kaelin (US)

Drug targets screening
J.W. Gray (US)

Antibody Engineering
D. Neri (CH)

Plenary Lecture

(09:00-09:45)

Metabolism
C. Thompson (US)

Symposia (10:15-12:15)

Invasion and Metastasis

Chair: M. Frame (UK)

Cell adhesion and signalling
M. Frame (UK)

Signalling Mechanisms of Tumour
Cell Migration and Metastasis
R. Klemke

Individual and collective cancer cell
invasion
P. Friedl (DE)

Cell adhesion to the extra cellular
matrix (ECM) in motility and
metastasis
B. Geiger (IL)

DNA repair and genomic instability

Chair: J. Downs (UK)

Ageing and DNA damage in mouse
models
J.H.J. Hoeijmakers (NL)

Molecular mechanisms that govern
chromosome stability and cancer
predisposition
J. Petrini (US)

Spatio-temporal organization of
nuclear tumour suppressor proteins
in response to DNA damage
M. Foiani (IT)

DNA damage signalling by tumour
suppressors from the earliest stages
of cancer development
T.D. Halazonetis (CH)

Genetic Epidemiology / Whole genome scan

Chair: P. Boffetta (FR)

Identifying new breast cancer genes
through international consortia
B. Ponder (UK)

Whole genome scans of breast and
prostate cancer – the GEMS initiative
G. Thomas (US)

Issues and opportunities in family-
based designs for young onset cancers
C. Weinberg (US)

Detecting new genes for tobacco-
related cancers – the GENTREC
initiative
R. Hung (US)

Award Lecture (13:45-14:35)

2008 Anthony Dipple Carcinogenesis
Award
R. Weinberg (US)

Symposia (14:35-16:35)

Cancer cell metabolism

Chair: J. Pouyssegur (FR)

Hypoxia, Autophagy and Tumour
progression
J. Pouyssegur (FR)

Targeting glycolytic enzymes and
mitochondria as novel cancer therapy
V.R. Fantin (US)

LKB1 and mTOR kinases in tumour
metabolism
D. Alessi (UK)

New imaging approaches of
metabolism in tumours
Z.M. Bhujwalla (US)

Immune system and cancer

Chr: M. Colombo (IT)/L. Zitvogel (FR)

The Molecular Bases of the
Immunogenicity of Cell Death
L. Zitvogel (FR)

T Cells and Adjuvants in Cancer
H. Schreiber (US)

Tumour-Educated Macrophages as
Promoters of Tumour Progression
J.W. Pollard (US)

BM-derived cells that foster tumour
growth and their manipulation
L.M. Naldini (IT)

Molecular Pathology

Chair: M. v. d. Vijver (NL)

Gene expression profiling of breast
cancer
M. v. d. Vijver (NL)

Breast cancer phenotype and genetic alterations: how are they connected?
J. Reis-Filho (UK)

The genetic future of pathology: of pancreatic cancer and other malignancies
N. Lemoine (UK)

Tumour metastasis: mechanistic insights and clinical challenges
P. Steeg (US)

Plenary Lecture

(17:30-18:30)

Inflammation and cancer
M. Karin (US)

Tuesday, 8 July 2008

Educational Lecture

(08:00-08:50)

Targeting the DNA-damage response as a therapeutic strategy
S.P. Jackson (UK)

What is Epigenetics?
M. Esteller (ES)

Biomarkers and Surrogate endpoints in clinical research – some statistical challenges
M. Buyse (BE)

Symposia

(09:00-11:00)

New Targets

Chair: R. Marais (UK)

BRAF signalling in cancer
R. Marais (UK)

PI3-kinases and cancer
G. Mills (US)

Choline Kinases as cancer targets
J. Carlos Lacal (ES)

The TGB [beta] pathway in cancer
J. Seoane (ES)

Role of MicroRNAs in Cancer

Chair: R. Agami (NL)

Cancer Genes and micro RNA's in cancer
R. Agami (NL)

Small RNAs in animal development
R.F. Ketting (NL)

Toward a non-coding RNA Revolution in Cancer Society
G.A. Calin (US)

MicroRNA-221/-222 pathway controls melanoma progression through multiple oncogenic mechanisms
A. Carè (IT)

Ageing Telomerase

Chair: M. Blasco (ES)

Role of telomere binding proteins in telomere biology
E. Gilson (FR)

Recognition of short telomeres by telomerase
L. Harrington (UK)

Role of Exo1 in telomere biology
L. Rudolph (DE)

Role of telomeres and telomerase in stem cell biology
M. Blasco (ES)

Award Lecture

(12:30-13:15)

2008 Carcinogenesis Young Investigator Award
V. Velculescu (US)

Mike Price Lecture

(13:15-14:15)

K. Vousden (UK)

Young Cancer Researchers' Workshops at EACR 20

These workshops have been organised for young investigators (postgraduate students, 1st year postdoctoral scientists...etc.), who would like to be informed about the various paths for career progression. Two workshops will be organised:

1 How to be effective in applying for fellowships

This workshop will discuss applying for fellowships at a national level and at European level. The participants will be informed on how to write effective applications and the pitfalls to avoid.

2 Introduction to pharmaceutical research and development

This workshop will discuss the processes that Industry uses when developing drugs for diseases. It is particularly of interest to young investigators who would like to embark in a career in pharmaceutical R&D.

The main topics that will be covered are:

- What is a drug target?
- How are leads generated?
- Concept testing
- Undertaking clinical trials



At the beginning: The EACR-20 Organising Committee meets in Lyon (Left to Right)

Bill Gullick, Past President; Richard Marais, Secretary General; Anne-Lise Borresen-Dale, President Elect; Robert Kenney, Executive Director; Marco A Pierotti, President; Joerg Schlehofer, Treasurer; and Gilbert Lenoir, Chair of the Local Organising Committee



Integrative Molecular Cancer Epidemiology
An IARC-EACR-AACR-ECNIS Symposium
3-5 July 2008
<http://www.iarc.fr/molepi2008>

International Congress Center of Lyon
Lyon, France



**Joint Registration
with EACR-20 is
available at**

www.ecco.org.eu

The conference is a joint initiative of IARC, AACR and EACR, in partnership with the EC-sponsored Network of Excellence on Cancer, Environment, Nutrition, and Individual Susceptibility (ECNIS, www.ecnis.org).

The conference aims to represent a forum for young and established investigators to present their work and to review the most promising areas of future development of the discipline.

The conference focuses on aetiologic and mechanistic aspects of molecular and genetic cancer epidemiology research. Sessions on clinical applications of molecular epidemiology will be included in the main EACR meeting, to promote cross-participation between the two events.

Target participants include epidemiologists, geneticists, biochemical and molecular biologists, pharmacologists, pathologists and researchers who are interested in the field.

Efforts will also be made to attract clinicians. It is expected that a sizeable number of participants will also attend EACR-20

4th July

8:30am – 10:30am

Genomic epidemiology in the era of whole genome scan

Case-control mutation screening – *N. Rahman*

Lessons from genome scans – *P. Brennan*

Novel statistical approaches – *D. Balding*

11:00am – 12:30pm

Gene copy number variation: a common mechanism in complex diseases – *X. Estivill*

Translation of results of genetic variation into the clinic – *P. Shields*

Proffered papers

1:30pm – 2:30pm

Keynote lecture
Molecular cancer epidemiology and public health – *R. Saracci*

2:30pm – 3:30pm

PhD student session

3:30pm – 4:30pm Poster session

4:30pm – 6:00pm

Integrative molecular epidemiology - Visions for the future

Gene-environment interactions – *N. Rothman*

Childhood leukemia as example – *J. Ross*

Proffered papers

5th July

9:00am – 10:45am

Evaluating cumulative evidence in genomic epidemiology – *J. Ioannidis*

Transdisciplinary research approaches – *R. Hiatt*

Molecular epidemiology in low- and medium-resource countries – *P. Jha*

11:15am – 12:15pm

Keynote lecture
Future perspectives of molecular cancer epidemiology – *M. Smith*

12:15pm – 12:30pm **Closing**

Programme

3rd July

9:30am – 10:00am **Opening**

10:00am – 11:00am

Keynote lecture

Successes and failures of molecular cancer epidemiology – *F. Perera*

11:30pm – 1:00pm

Molecular epidemiology – Application of novel molecular markers to cancer epidemiology

Novel viral markers – *M. Pawlita*

Application of epigenetics to cancer epidemiology – *Z Herceg*

Proffered papers

2:00pm – 3:30pm

Expression microarrays and cancer epidemiology, lessons from breast cancer – *A.L. Børresen-Dale*

Transcriptomics – *M. Pierotti*

Proffered papers

3:30pm – 4:30pm Poster session

4:30pm – 6:00pm

Application of proteomics to cancer epidemiology – *S. Hanash*

An epidemiological perspective to proteomics – *R. Vermeulen*

Proffered papers