



International Agency for Research on Cancer  
Centre International de Recherche sur le Cancer

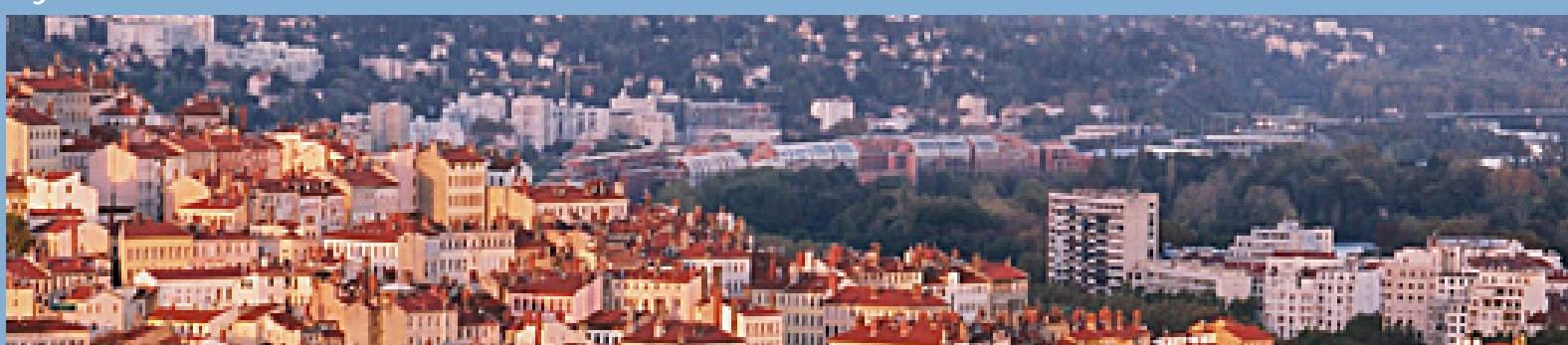


# Integrative Molecular Cancer Epidemiology An IARC-EACR-AACR-ECNIS Symposium

3-5 July 2008

<http://www.iarc.fr/molepi2008>

International Congress Center of Lyon  
Lyon, France





## Programme

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### 3rd July

**9:30am – 10:00am**

#### **Opening**

*Chair: **P. Boffetta***

**10:00am – 11:00am**

*Keynote lecture*

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

**11:00am – 11:30am**

*Coffee break*

### **Session 1. Molecular epidemiology – Application of novel molecular markers to cancer epidemiology**

**11:30am – 12:10pm**

*Invited lecture*

Novel viral markers – **M. Pawlita**

**12:10pm – 12:50pm**

*Invited lecture*

Application of epigenetics to cancer epidemiology –  
**Z. Herceg**

**12:50pm – 1:00pm**

*Proffered paper*

Serologic response to HPV and the risk of head  
and neck cancer – **K. Ribeiro**

**1:00pm – 2:00pm**

*Lunch break*

*Chair: **P. Farmer***

**2:00pm – 2:40pm**

*Invited lecture*

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

**2:40pm – 3:20pm**

*Invited lecture*

Integrated gene expression analysis in PBL and in  
the derived lymphoblastoid cell lines to define  
individual radiotoxic risk profiles – **M. Pierotti**

**3:20pm – 3:30pm**

*Proffered paper*

In vitro benzo [a] pyren diol epoxide-induced  
damage to DNA and chromosomes are  
independent risk markers for squamous cell



carcinoma of the head and neck. – **Q-Y. Wei**

**3:30pm – 4:30pm**

*Coffee break and poster session*

Posters P1 – P33

**4:30pm – 5:10pm**

*Invited lecture*

Application of proteomics to cancer epidemiology –

**S. Hanash**

**5:10pm – 5:50pm**

*Invited lecture*

Proteomics: an epidemiological view – **R.**

**Vermeulen**

4th July

**Session 2. Genomic epidemiology in the era of whole genome scan**

*Chair: D. Segerbäck*

**8:30am – 9:10am**

*Invited lecture*

Case-control mutation screening – insights and lessons from breast cancer susceptibility – **N.**

**Rahman**

**9:10am – 9:50am**

*Invited lecture*

Lessons from genome scans – the example of lung cancer – **P. Brennan**

**9:50am – 10:30am**

*Invited lecture*

Statistical approaches for genome-wide association studies – **D. Balding**

**10:30am – 11:00am**

*Coffee break*

**11:00am – 11:40am**

*Invited lecture*

Copy number variants: a common mechanism in complex diseases – **X. Estivill**

**11:40am – 11:50am**

*Proffered paper*

Searching for early breast cancer biomarkers by serum protein profiling in Prospect –EPIC. – **A. van**

**Winden**

**11:50am – 12:00pm**

*Proffered paper*

Genetic variants in fibroblast growth factor receptor



- 2 (FGFR2) contribute to susceptibility of breast cancer in Chinese women. – **H.B. Shen**
- 12:00pm – 1:00pm** *Keynote lecture*  
Molecular cancer epidemiology and public health –  
**R. Saracci**
- 1:00pm – 2:00pm** *Lunch break*  
*Chair: M. Kirsch-Volders*
- 2:00pm – 2:10pm** *Proffered paper*  
Effects of IL-10 and IL-6 gene polymorphisms and atomic-bomb radiation exposure on gastric cancer risk. – **T. Hayashi**
- 2:10pm – 2:20pm** *Proffered paper*  
A case-control study on the effect of p53 and p73 polymorphisms on gastric risk and progression in an Italian population. – **E. De Feo**
- 2:20pm – 2:30pm** *Proffered paper*  
Circulating vitamin D concentration, vitamin D receptor polymorphisms and the risk of colorectal cancer: results from the European Prospective Investigation into Cancer and Nutrition (EPIC). – **M. Jenab**
- 2:30pm – 2:40pm** *PhD student presentation*  
Polymorphisms in fatty acid metabolizing genes and colorectal cancer risk in the European Prospective Investigation into Cancer and Nutrition (EPIC) – **B. Hoefft**
- 2:40pm – 2:50pm** *PhD student presentation*  
Genetic variants of folate metabolizing enzymes and epigenetic regulation genes and sporadic colorectal cancer risk – **S. De Vogel**
- 2:50pm – 3:00pm** *PhD student presentation*  
Pre-pregnancy weight, rate of gestational weight gain and risk of infant leukemia – **C. Blair**
- 3:00pm – 3:10pm** *PhD student presentation*



Genetic markers for the prediction of breast density and breast cancer risk – **M. Biong**

**3:10pm – 3:20pm**

*PhD student presentation*

Genetic polymorphisms of myeloperoxidase (MPO), epoxide hydrolase 1 (EPHX1) and NAD(P)H dehydrogenase 1 (NQO1) as risk factors of early onset lung cancer – **M. Timofeeva**

**3:20pm – 3:40pm**

*Special lecture*

Viral hepatitis and liver cancer – **L. Beretta**

**3:40pm – 4:40pm**

*Coffee break and poster session*

Posters P34 – P69

### **Session 3. Integrative molecular epidemiology -Visions for the future**

**4:40pm – 5:20pm**

*Invited lecture*

Gene-environment interactions – **N. Rothman**

**5:20pm – 6:00pm**

*Invited lecture*

Epidemiology of childhood leukemia: a transdisciplinary approach – **J. Ross**

### 5th July

*Chair: K. Rydzynski*

**9:00am – 9:40am**

*Invited lecture*

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

**9:40am – 10:20am**

*Invited lecture*

Transdisciplinary science approaches for molecular epidemiology – **R. Hiatt**

**10:20pm – 10:40pm**

*Invited lecture*

Impact of whole genome scans on cancer research – **G. Thomas**

**10:40am – 11:10am**

*Coffee break*

**11:10am – 12:10pm**

*Keynote lecture*

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

**12:10pm – 12:30pm**

**Closing**