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

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
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Details</th>
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<tbody>
<tr>
<td>3:30pm – 4:30pm</td>
<td>Coffee break and poster session</td>
<td>Posters P1 – P33</td>
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<tr>
<td>4:30pm – 5:10pm</td>
<td>Invited lecture</td>
<td>Application of proteomics to cancer epidemiology – S. Hanash</td>
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<tr>
<td>5:10pm – 5:50pm</td>
<td>Invited lecture</td>
<td>Proteomics: an epidemiological view – R. Vermeulen</td>
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4th July

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

*Chair: D. Segerbäck*

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>8:30am – 9:10am</td>
<td>Invited lecture</td>
<td>Case-control mutation screening – insights and lessons from breast cancer susceptibility – N. Rahman</td>
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<td>9:10am – 9:50am</td>
<td>Invited lecture</td>
<td>Lessons from genome scans – the example of lung cancer – P. Brennan</td>
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<td>9:50am – 10:30am</td>
<td>Invited lecture</td>
<td>Statistical approaches for genome-wide association studies – D. Balding</td>
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<td>10:30am – 11:00am</td>
<td>Coffee break</td>
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<tr>
<td>11:00am – 11:40am</td>
<td>Invited lecture</td>
<td>Copy number variants: a common mechanism in complex diseases – X. Estivill</td>
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<tr>
<td>11:40am – 11:50am</td>
<td>Proffered paper</td>
<td>Searching for early breast cancer biomarkers by serum protein profiling in Prospect–EPIC – A. van Winden</td>
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<tr>
<td>11:50am – 12:00pm</td>
<td>Proffered paper</td>
<td>Genetic variants in fibroblast growth factor receptor</td>
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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. Hoeft**

**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*