

# GLOBAL CANCER: OCCURRENCE, CAUSES, AND AVENUES TO PREVENTION

*IARC 50<sup>th</sup> Anniversary  
Conference*

A scientific conference to celebrate the  
50th anniversary of the International  
Agency for Research on Cancer.

7-10 JUNE 2016  
Centre de Congrès  
Lyon, France



## PROGRAMME



[International Agency for Research on Cancer](http://www.iarc-conference2016.com)

[www.iarc-conference2016.com](http://www.iarc-conference2016.com)



## Tuesday 7 June 2016

**18:00-19:30** **OPENING RECEPTION** at Lyon City Hall  
 1 place de la Comédie  
 69001 Lyon

## Wednesday 8 June 2016

<b>9:00-9:30</b>	<b>OPENING: Christopher P. Wild</b> , IARC Director <i>"IARC: 50 years of cancer research for cancer prevention"</i>		
<b>9:30-10:00</b>	<b>HRH Princess Dina Mired</b> , King Hussein Cancer Center, Amman, Jordan <i>"Caring about cancer"</i>		
<b>10:00-10:30</b>	<b>Doug Lowy</b> , United States National Cancer Institute, Bethesda, USA <i>"The Potential of Cost Effective Precision Medicine in the Low and Middle Income Countries"</i>		
<b>10:30-11:00</b>	<b>Coffee Break</b>		
<b>11:00-11:30</b>	<b>Freddie Bray</b> , IARC, Lyon, France <i>"The global burden of cancer"</i>		
<b>11:30-12:15</b>	<b>PANEL DEBATE 1</b> <i>"Cancer research investment should shift from late stage treatment to early stage detection"</i> <b>Pro: Rengaswamy Sankaranarayanan</b> , IARC, Lyon, France <b>Anti: Soo Khee Chee</b> , National Cancer Centre, Singapore		
<b>12:15-14:00</b>	<b>Lunch Break &amp; <u>First Poster Session</u></b>		
<b>14:00-14:30</b>	<b>Michael Stratton</b> , Wellcome Trust Sanger Institute, Cambridge, United Kingdom <i>"Signatures of mutational processes in human cancer"</i>		
<b>14:30-15:30</b>	<b>EPIDEMIOLOGY</b> <i>"Global burden of cancer and cancer registries"</i>	<b>MECHANISMS</b> <i>"Systems perspectives of the exposome"</i> <b>Invited speaker:</b> <b>Paolo Vineis</b> , Imperial College London, London, United Kingdom	<b>PREVENTION &amp; MORTALITY REDUCTION</b> <i>"Challenges in primary prevention"</i> <b>Invited speaker:</b> <b>Adèle Green</b> , Queensland Institute of Medical Research, Brisbane, Australia
<b>15:30-16:00</b>	<b>Coffee Break</b>		
<b>16:00-17:00</b>	<b>EPIDEMIOLOGY</b> <i>"Tobacco and alcohol in cancer"</i>	<b>MECHANISMS</b> <i>"Mechanisms in carcinogen evaluation"</i>	<b>PREVENTION &amp; MORTALITY REDUCTION</b> <i>"Screening and early detection"</i> <b>Invited speaker:</b> <b>Youlin Qiao</b> , Chinese Academy of Medical Sciences, China
<b>17:00-17:30</b>	<b>Elizabeth Blackburn</b> , University of California, San Francisco, USA <i>"Telomeres: Biology and Cancer"</i>		
<b>17:30-18:00</b>	<b>David Hunter</b> , Harvard School of Public Health, Boston, USA <i>"Cancer, NCDs and global health"</i>		

# Thursday 9 June 2016

**9:00-9:30** **Stephen Chanock**, United States National Cancer Institute, Bethesda, USA  
*"Germline mutations"*

**9:30-10:00** **Valerie Beral**, University of Oxford, Oxford, United Kingdom  
*"The impact of tobacco, alcohol and hormones on women's cancers"*

**10:00-10:30** **Lynette Denny**, University of Cape Town, Cape Town, South Africa  
*"Screening and early detection of cervical cancer in Africa"*

**10:30-11:00** **Coffee Break**

<b>11:00-12:00</b>	<b>EPIDEMIOLOGY</b> <i>"Nutrition, obesity and exercise"</i> <b>Invited speaker:</b> <b>Christine Friedenreich</b> , University of Calgary, Alberta, Canada	<b>MECHANISMS</b> <i>"DNA damage, repair and          mutagenesis"</i>	<b>PREVENTION &amp; MORTALITY          REDUCTION</b> <i>"Chemoprevention"</i>
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**12:00-12:45** **PANEL DEBATE 2**  
*"E-cigarettes represent a barrier to effective tobacco control"*  
**Pro:** **Armando Peruga**, World Health Organisation, Geneva, Switzerland  
**Anti:** **Jean-François Etter**, Institute of Global Health, University of Geneva, Geneva, Switzerland

**12:45-14:30** **Lunch Break & Second Poster Session**

<b>14:30-15:30</b>	<b>EPIDEMIOLOGY</b> <i>"Occupation"</i> <b>Invited speaker:</b> <b>Jack Siemiatycki</b> , University of Montreal, Montreal, Canada	<b>MECHANISMS</b> <i>"Genetics and (epi)genomics"</i>	<b>PREVENTION &amp; MORTALITY          REDUCTION</b> <i>"Infection control to prevent          cancer"</i>
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**15:30-16:00** **Coffee Break**

<b>16:00-17:00</b>	<b>EPIDEMIOLOGY</b> <i>"Radiation"</i> <b>Invited speaker:</b> <b>Shunichi Yamashita</b> , Atomic Bomb Disease Institute, Nagasaki, Japan	<b>MECHANISMS</b> <i>"Metabolomics and          biomarkers"</i>	<b>PREVENTION &amp; MORTALITY          REDUCTION</b> <i>"Survival, survivorship and          inequalities"</i>
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**17:00-17:30** **Michael Marmot**, Institute of Health Equity, University College London, United Kingdom  
*"Reducing inequalities in risk"*

**17:30-18:00** **Graham Colditz**, Washington University in St. Louis, St. Louis, USA  
*"Implementing strategies to prevent cancer"*

**19:00-** **CONFERENCE DINNER**  
 Centre de Congrès de Lyon (Booking required via the conference website)



# Friday 10 June 2016

- 9:00-9:30** **Walter Willett**, Harvard School of Public Health, Boston, USA  
*"Diet, weight control and energy balance in cancer"*
- 9:30-10:00** **George Davey Smith**, University of Bristol, Bristol, United Kingdom  
*"Causality and chance in the origins of cancer"*
- 10:00-10:30** **Flora van Leeuwen**, Netherlands Cancer Institute, Amsterdam, Netherlands  
*"Risk factors for second cancers"*

**10:30-11:00** **Coffee Break**

<b>11:00-12:00</b>	<b>EPIDEMIOLOGY</b> <b>Invited speaker:</b> <i>"Environmental exposures"</i> <b>Manolis Kogevinas</b> , Centre for Research in Environmental Epidemiology, Barcelona, Spain	<b>MECHANISMS</b> <i>"Bioinformatics"</i> <b>Invited speaker:</b> <b>Roland Eils</b> , German Cancer Research Center (DKFZ), Heidelberg, Germany	<b>PREVENTION &amp; MORTALITY REDUCTION</b> <i>"Implementation research"</i>
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- 12:00-12:45** **PANEL DEBATE 3**  
*"Screening for lung cancer should be implemented now"*  
**Pro: John Field**, Roy Castle Lung Cancer Research Programme, Liverpool, United Kingdom  
**Anti: Harry J de Koning**, Erasmus Medical Center, Rotterdam, Netherlands

**12:45-14:00** **Lunch Break**

**14:00-15:00** **PROFFERED PAPERS PLENARY SESSION**  
**(6X10 MINUTES)**

- 15:00-15:30** **Elio Riboli**, Imperial College, London, United Kingdom  
*"Consortia, big data and the future of population research"*
- 15:30-16:00** **Richard Peto**, University of Oxford, Oxford, United Kingdom  
*"Successes in understanding the causes of cancer"*
- 16:00-16:30** **CLOSE OF CONFERENCE**