



## 'Oncology at the Limits VII'

Wednesday 15<sup>th</sup> - Friday 17<sup>th</sup> March 2017  
The Royal College of Physicians, London, UK

### PROGRAMME

#### Chairmen:

**Professor Tariq Enver**

*Director of the UCL Cancer Institute, London, UK*

**Professor Daniel Hochhauser**

*Co-Director of the Cancer Research UK UCL Centre*

**Dr Thomas Lynch**

*CEO & Chairman of the Mass. General Physicians Organization*

**Dr Roy Herbst**

*Chief of Medical Oncology & Associate Director for Translational Research, Yale Cancer Center*

#### **Wednesday 15<sup>th</sup> March - Afternoon**

**14.30 Welcome to the event**

**Professor Tariq Enver**

*Director of the UCL Cancer Institute, London, UK*

**14.40 The Lancet Oncology Lecture, introduced by Dr David Collingridge, Editor-in-Chief  
Sequencing cancer genomes and personalising cancer treatments**

**Professor Charles Swanton**

*Chair in Personalised Medicine, Research Department of Oncology, UCL Cancer Institute, London, UK*

**15.25 How p53 can contribute to protecting cells from DNA damage**

**Dr David W Meek**

*Jacqui Wood Cancer Centre, School of Medicine, University of Dundee, United Kingdom*

**16.10 Break**

**16.40 DNA repair in Cancer**

**Professor Joann B. Sweasy**

*Professor and Vice Chair, Dept. of Therapeutic Radiology, Professor, Dept. of Genetics, Yale University School of Medicine, New Haven, CT. USA*

**17.25 Circulating Tumor Cells**

**Professor Caroline Dive**

*Senior Group Leader and Professor of Pharmacology, Cancer Research UK Manchester Institute, the University of Manchester, Manchester, UK*

**18.10 End**



MASSACHUSETTS GENERAL  
PHYSICIANS ORGANIZATION

THE LANCET  
Oncology

THE LANCET  
Haematology

Yale  
CANCER  
CENTER  
A Comprehensive Cancer Center Designated  
by the National Cancer Institute

**Thursday 16<sup>th</sup> March - Morning**

**08.30 Using nanoparticles for drug delivery**

**Dr W. Mark Saltzman**

Goizueta Foundation Professor of Biomedical and Chemical Engineering and Professor of Cellular and Molecular Physiology, Department of Biomedical Engineering, Yale University, New Haven, CT, USA

**09.15 How Metabolism affects cell growth in cancer**

**Professor Eyal Gottlieb**

Director of the Beatson Cancer Metabolism Research Unit, Cancer Research UK Beatson Institute, Glasgow, UK

**10.00 Break**

**10.30 State of the art in Molecular Imaging**

**Professor Tony Ng**

Richard Dumbleby Chair of Cancer Research, KCL Division of Cancer Studies and Randall Division; Professor of Molecular Oncology, UCL Cancer Institute, London, UK

**11.15 Hybrid imaging and advances in nuclear medicine**

**Professor Dr Ambros Beer**

Medical Director of the Department of Nuclear Medicine, Ulm University Hospital, Ulm, Germany

**12.00 Lunch**

**Thursday 16<sup>th</sup> March - Afternoon**

**13.00 Fattening up T cell responses to cancer and infection**

**Professor Susan Kaech**

Professor of Immunobiology, Department of Immunobiology, Yale School of Medicine, New Haven, CT, USA

**13.45 New approaches in KRAS targeting**

**Professor Gregory Verdine**

Erving Professor of Chemistry in the Departments of Stem Cell and Regenerative Biology, Chemistry and Chemical Biology, and Molecular and Cellular Biology, Harvard University, Cambridge, MA, USA

**14.30 Break**

**15.00 Cancer and the microbiome: potential applications as a new tumor biomarker**

**Professor Christian Rolfo**

Department of Oncology, Phase I - Early Clinical Trials Unit, University Hospital Antwerp, Belgium

**15.45 The development of novel cancer therapies involving DNA as a target**

**Professor John Hartley**

Professor of Cancer Studies, UCL Cancer Institute, London, UK

**16.30 End**



THE LANCET  
Oncology

THE LANCET  
Haematology



**Friday 17<sup>th</sup> March - Morning**

- 08.30 Examining the effect of exercise and weight loss on cancer biomarkers, treatment side effects and quality of life**  
**Professor Melinda L. Irwin**  
Professor of Epidemiology (Chronic Diseases); Associate Director (Population Sciences), Yale Cancer Center; Co-Program Leader, Cancer Prevention and Control, Yale Cancer Center; Deputy Director (Public Health), Yale Center for Clinical Investigation, New Haven, CT, USA
- 09.15 The biology of the TRAIL system in cancer and the associated discovery of combination therapies**  
**Dr Silvia von Karstedt**  
Postdoctoral Research Fellow, The Francis Crick Institute, London, UK
- 10.00 Break**
- 10.30 The next generation of radiotherapy treatment**  
**Professor Uwe Oelfke**  
Deputy Head of the Division of Radiotherapy and Imaging, Head of the Joint Department of Physics (ICR and RMH), London, UK
- 11.15 Synthetic lethal screens for rational drug combinations**  
**Professor Rene Bernards**  
Head of the division of molecular carcinogenesis, Netherlands Cancer Institute, Amsterdam, The Netherlands
- 12.00 Closing remarks**  
**Dr Roy Herbst**  
Chief of Medical Oncology & Associate Director for Translational Research, Yale Cancer Center

