

# The Role of Radiotherapy in a Stratified Approach to the Treatment of Oesophageal Cancer

Lift, Islington | Monday 10<sup>th</sup> June

Sponsored by the University of Cambridge,  
the University of Southampton & The Moondance Foundation

[#StratifiedOesophagealRT](#)



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## Welcome from the conference organisers

We're delighted to welcome you to today's event. As the sixth most common cause of death from cancer worldwide, oesophageal cancer remains a condition for which there is profound unmet need. Today's talks will focus on how the efficacy of radiotherapy can be enhanced to help meet this need, particularly as a component of stratified treatment approaches. You can join the conversation on Twitter by following #StratifiedOesophagealRT, and through sli.do using the same hashtag.

## Programme

09:00	Registration, Coffee & Networking	
<b>Session 1: Oesophageal Cancer Treatment &amp; the Underlying Biological Principles</b>		
Chairs: Rebecca Fitzgerald, <i>University of Cambridge</i> & Russell Petty, <i>University of Dundee</i>		
09:30	Introduction & welcome	Tom Crosby, <i>Velindre Cancer Centre</i>
09:40	<b>The Biology of Oesophageal Adenocarcinoma: lessons from OCCAMS</b>	
	Epidemiology	Andrew Kunzmann, <i>Queen's University Belfast</i>
	Driver genes & elements	Rebecca Fitzgerald, <i>University of Cambridge</i>
	Therapy response & biomarkers	Richard Turkington, <i>Queen's University Belfast</i>
10:25	<b>The Biology of Oesophageal Squamous Cell Carcinoma</b>	David Kelsell, <i>Barts &amp; The London</i>
10:40	<b>Improving Outcomes From Radiotherapy</b>	
	From a patient's perspective	Marc Twigg
	Prehabilitation	Mike Grocott, <i>University of Southampton</i>
11:05	<b>Coffee break</b>	
	Advances in Radiotherapy Technologies	Ganesh Radhakrishna, <i>The Christie Hospital</i>
	Trimodality therapy	Tim Underwood, <i>University of Southampton</i>
11:55	<b>Understanding the Response to Radiotherapy</b>	
	Modelling radioresistance <i>in vitro</i>	Stephen Maher, <i>Trinity College Dublin</i>
	Understanding nodal response from histopathology	Heike Grabsch, <i>Maastricht University</i>
	Radiomics & prognostic modelling	Kasia Owczarczyk, <i>King's College London</i>
12:40	<b>Lunch break</b>	
<b>Session 2: Molecular Treatment Stratification – the Oelixir Programme</b>		
Chairs: Gareth Griffiths, <i>University of Southampton</i> & Maria Hawkins, <i>University of Oxford</i>		
13:40	<b>Work Package 1: The Molecular MDT</b>	
	The Oelixir programme & work packages 1 & 2	Rebecca Fitzgerald, <i>University of Cambridge</i>
	Work package 3: Trials	Russell Petty, <i>University of Dundee</i>
14:10	<b>Exemplar trials</b>	
	The CHARIOT study	Maria Hawkins, <i>University of Oxford</i>
	LUD2015-005	Mark Middleton, <i>University of Oxford</i>
14:30	CTRad Biomarker Support Workstream	G Don Jones, <i>University of Leicester</i>
14:40	<b>Coffee break</b>	
15:00	<b>Potential future CRT trial proposals &amp; panel discussion</b>	Russell Petty, <i>University of Dundee</i>
	Trials proposal	Somnath Mukherjee, <i>University of Oxford</i>
	<b>Panel discussion</b> (Chair: Gareth Griffiths, <i>University of Southampton</i> )	
	Members:	Tom Crosby, Rebecca Fitzgerald, Maria Hawkins, George Jones Russell Petty, Mark Middleton, Somnath Mukherjee
16:20	<b>Meeting close</b>	Tom Crosby, <i>Velindre Cancer Centre</i>

## Conference Organisers

### **Tom Crosby** @tomcrosby12

Tom is a Consultant Clinical Oncologist at Velindre Cancer Centre and additionally holds a personal chair at Cardiff University.

### **Chris Jones** @DrCMJones

Chris is a Wellcome Trust Clinical Research Fellow and Honorary Specialty Registrar in Clinical Oncology based at the University of Leeds and Leeds Cancer Centre.

## Speakers & Chairs

### **Rebecca Fitzgerald** @RFitzgerald\_lab

Rebecca is a MRC Programme Leader at the MRC Cancer Unit, holds a personal chair in cancer prevention at the University of Cambridge and is a Consultant in Gastroenterology & General Medicine at Addenbrooke's Hospital.

### **Heiek Grabsch**

Heike Grabsch is a Professor Gastrointestinal Pathology based at the University of Leeds and Maastricht University.

### **Gareth Griffiths**

Gareth is a Professor of Clinical Trials within Medicine at the University of Southampton and Director of the Southampton Clinical Trials Unit.

### **Mike Grocott**

Mike is the Professor of Anaesthesia and Critical Care at the University of Southampton and a Consultant in Critical Care Medicine at the University Hospital Southampton NHS Foundation Trust.

### **Maria Hawkins**

Maria is a clinician scientist in precision radiotherapy at the MRC Oxford Institute for Radiation Oncology and a Consultant Clinical Oncologist at the Oxford University Hospitals NHS Trust.

### **G Don Jones**

Don is Professor of Cancer Radiation Research at Leicester Cancer Research Centre where he leads the Radiobiology and DNA Damage Group. He leads the NCRI Clinical & Translational Radiotherapy Research Working Group (CTRad) Biomarker Network.

### **David Kelsell**

David is Professor of Human Molecular Genetics at the Blizard Institute – Barts & The London. His research focusses on both monogenic skin disease and oesophageal squamous cell carcinoma.

### **Andrew Kunzmann** @1987Andrewk

Andrew is a Vice Chancellor's Fellow within the Cancer Epidemiology Research Group at the Centre for Public Health at Queen's University Belfast.

### **Stephen Maher** @sgmaher

Stephen is the Ussher Assistant Professor in Translational Oncology, Radiation Therapy and Chemotherapy at Trinity College Dublin, where he leads programmes in translational cancer research focussed on radiotherapy, radiobiology and chemotherapy.

### **Mark Middleton**

Mike is Professor of Experimental Cancer Medicine in the Department of Oncology at the University of Oxford and a Consultant Medical Oncologist at the Oxford Cancer & Haematology Centre.

### **Somnath Mukherjee**

Somnath is a Senior Clinical Research in the Department of Oncology at the University of Oxford and Honorary Consultant Clinical Oncologist at the Oxford Cancer & Haematology Centre.

### **Kasia Owczarczyk**

Kasia is a Consultant in Clinical Oncology at Guy's and St Thomas' NHS foundation Trust and Honorary Senior Clinical Lecturer at King's College London.

### **Russell Petty**

Russell is a Professor Medical Oncology at the University of Dundee and Honorary Consultant in Medical Oncology in Ninewells Hospital, NHS Tayside.

### **Ganesh Radhakrishna**

Ganesh is a Consultant Clinical Oncologist at the Christie Hospital in Manchester.

### **Richard Turkington** @dr\_turk

Richard is a Clinical Senior Lecturer at Queen's University Belfast and Consultant Medical Oncologist at the Northern Ireland Cancer Centre.

### **Marc Twigg**

Marc was previously diagnosed with oesophageal cancer and will be outlining his experience as a patient, including receiving radiotherapy.

### **Tim Underwood** @TimTheSurgeon

Tim is Cancer Research UK & Royal College of Surgeons of England Advanced Clinician Scientist Fellow within Medicine and Professor of Gastrointestinal Surgery at the University of Southampton, where he leads the Cancer Sciences Academic Unit. He is a Consultant in General Surgery with a sub-specialty interest in Oesophago-gastric Surgery at University Hospital Southampton NHS Foundation Trust.