

**Presentation of the Academy medal follows Lecture**

**9.00pm - 10.00pm**

*A canapés and wine reception will follow in the Graves Hall.*

**ATTENDANCE AT THIS MEETING QUALIFIES FOR  
CPD CREDITS**

**(Please sign in RAMI attendance sheets plus CPD credits attendance sheet)**

### ***History of the St. Luke's Lecture***

The Saint Luke's Lecture is sponsored by the Academy and Saint Luke's Hospital. The lecture is based on work carried out in the field of oncology and is delivered in January of each year. The lecturer is selected by an Academy/Saint Luke's committee and receives a silver medal.

The Academy also presents the **56<sup>th</sup> Robert Graves Lecture**, which takes place in **2016**. Further details when available.

### **Previous presenters of the St. Luke's Lecture**

1975 J. Fennelly; 1976 J. F. Murphy; 1977 G. M. Mullins; 1978 M. Moriarty; 1979 P. Skrabanek; 1981 B. Herity; 1982 D. Carney; 1983 M. Duffy; 1984 J. Ennis; 1985 D. O'Donoghue; 1986 S. R. McCann; 1987 C. Mothersill; 1988 B. Hurson; 1989 M. Turner; 1990 G. O'Sullivan; 1991 C. O'Morain; 1993 A. L. Harris; 1993 D. Kelleher; 1994 T. Walsh; 1995 T. F. Gorey; 1996 M. P. Lawler; 1997 J. P. Crown; 1998 P. J. Morrison; 1999 J. Armstrong; 2000 D. Hollywood; 2001 D. Bouchier-Hayes; 2002 E. Gaffney; 2004 P. Redmond; 2005 A. Hill; 2006 O Smith; 2007 J O'Leary; 2008 W Gallagher; 2009 P Browne, 2010 J Reynolds; 2011 F. Giles; 2012 J O'Sullivan; 2013 GC O'Toole; 2014 MR Kell; 2015 R Kennedy

### **Previous winners of the St. Luke's Young Investigators Award**

2004 JC Coffey; 2005 C Collins; 2006 A Houston; 2007 S Finn; 2008 FM Smith; 2009 L Marignol; 2010 DJ Brennan; 2011 P McGowan 2012 D O'Connor; 2013 PG Morris; 2014 M Prencipe

**The St. Luke's lecture is sponsored by the Royal Academy of Medicine in Ireland and St. Luke's Hospital, Dublin**



***Royal Academy of Medicine in Ireland***



**SAINT LUKE'S  
HOSPITAL**

**St. Luke's Lecture  
Wednesday 27<sup>th</sup> January 2016**

**The St. Luke's Lecture is sponsored by the Academy and Saint  
Luke's Hospital**

**Programme**

**Venue: Corrigan & Graves Halls, Royal College of Physicians of Ireland,  
No 6, Kildare St, Dublin 2**

## St Luke's Young Investigator Presentations 2016

7:00 – 7:15pm

### Using BH3 profiling to predict mitochondrial death

T Ni Chonghaile<sup>1,2</sup>, J Roderick<sup>3</sup>, A Gutierrez<sup>2</sup>, M Kelliher<sup>3</sup>, A Letai<sup>2</sup>

The Department of Physiology and Medical Physics<sup>1</sup>, The Royal College of Surgeons in Ireland, Dublin; Dana Farber Cancer Institute<sup>2</sup>, Medical Oncology, Boston, MA, 02215; Department of Cancer Biology<sup>3</sup>, University of Massachusetts Medical School, Worcester, MA, USA

7:15 – 7:30pm

### Development of novel therapeutic targets in breast cancer – a translational approach

YE Smith<sup>1,2</sup>, S Toomey<sup>1,3</sup>, S Napoletano<sup>1</sup>, Brennan K<sup>2</sup>, Hudson L<sup>2</sup>, BT Hennessy<sup>3</sup>, AM Hopkins<sup>2</sup>, JH Harmey<sup>1</sup>

Angiogenesis and Metastasis Research, Department of Molecular and Cellular Therapeutics<sup>1</sup>, Department of Surgery<sup>2</sup>, Department of Medical Oncology<sup>3</sup>, Royal College of Surgeons in Ireland, Dublin, Ireland.

7:30 – 7:45pm

### Development of a personalised therapy approach for patients with ERBB gene-mutated solid tumours

AJ Eustace<sup>1</sup>, N Elster<sup>1</sup>, S Toomey<sup>1</sup>, M Cremona<sup>1</sup>, M Milewska<sup>1</sup>, S Wilhelm<sup>2</sup>, BT Hennessy<sup>1</sup>

Medical Oncology Group<sup>1</sup>, Molecular Medicine Ireland, ERC Smurfit Building, Royal College of Surgeons, Beaumont Hospital, Dublin, Ireland

Sr. Medical Scientist<sup>2</sup>, Oncology Global Medical Affairs, Bayer HealthCare - Bayer Pharmaceuticals

7:45 – 8:00pm

### Examining DNA methylation changes at alternative regulatory regions across the genome in metastatic colorectal cancer

S Das<sup>\*1</sup>, B Moran<sup>\*1</sup>, D Smeets<sup>2</sup>, T Van Brussel<sup>2</sup>, G Peutman<sup>2</sup>, R Klinger<sup>1,8</sup>, B Fender<sup>3</sup>, K Connor<sup>1,8</sup>, M Ebert<sup>5</sup>, T Gaiser<sup>5</sup>, JHM Prehn<sup>4</sup>, O Bacon<sup>4,6</sup>, E Kay<sup>6</sup>, B Hennessy<sup>6</sup>, V Murphy<sup>7</sup>, A Byrne<sup>4</sup>, WM Gallagher<sup>8,3</sup>, D Lambrechts<sup>2</sup>, Darran O'Connor<sup>1</sup>

Department of Molecular and Cellular Therapeutics<sup>1</sup>, Royal College of Surgeons in Ireland, Dublin, Ireland; Department of Translational Genetics<sup>2</sup>, VIB, K.U. Leuven, Belgium; OncoMark Ltd<sup>3</sup>, Nova UCD, Ireland; Department of Physiology<sup>4</sup>, Royal College of Surgeons in Ireland, Ireland; University of Heidelberg<sup>5</sup>, Mannheim, Germany; Beaumont Hospital<sup>6</sup>, Dublin, Ireland;

Irish Clinical Oncology Research Group<sup>7</sup>, Dublin, Ireland  
Cancer Biology and Therapeutics Lab<sup>8</sup>, Conway Institute, University College Dublin, Ireland *\*Both authors contributed to the work equally*

8.00pm – 9.00pm

### Professor Bryan Hennessy,

Consultant Oncologist, Honorary Lecturer in Medicine, Adjunct Professor  
Department of Oncology,

Beaumont Hospital, Dublin 9

will deliver the

### St. Luke's Lecture 2016

**"From biology to treatment - how understanding of the PI3K pathway has influenced cancer research and therapy"**