

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 **56th 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**

**The 41st St. Luke's Lecture
Wednesday 27th 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^{1,2}, J Roderick³, A Gutierrez², M Kelliher³, A Letai²
The Department of Physiology and Medical Physics¹, The Royal College of Surgeons in Ireland, Dublin; Dana Farber Cancer Institute², Medical Oncology, Boston, MA, 02215; Department of Cancer Biology³, 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^{1,7}, S Toomey¹, S Napoletano¹, G Kirwan¹, C Schadow¹, A Chubb¹, JH Mikkelsen², C Oxvig², L Unwin³, WM Gallagher³, A O'Grady⁴, EW Kay⁴, BT Hennessy⁵, JH Harmey^{1,6}, K Brennan⁷, L Hudson⁷, AM Hopkins⁷

Angiogenesis and Metastasis Research¹, Department of Molecular and Cellular Therapeutics, Royal College of Surgeons in Ireland, 123 St. Stephen's Green, Dublin 2, Ireland; Department of Molecular Biology and Genetics², Aarhus University, Gustav Wieds Vej 10C, 8000 Aarhus C, Denmark; Cancer Biology and Therapeutics Laboratory³, Conway Institute, UCD School of Biomolecular and Biomedical Science, Dublin, Ireland; Department of Pathology⁴, Royal College of Surgeons Ireland (RCSI), Beaumont Hospital, Dublin, Ireland; Department of Medical Oncology⁵, Royal College of Surgeons in Ireland, Beaumont Hospital, Dublin, Ireland; Biochemistry⁶, Perdana University-Royal College of Surgeons in Ireland School of Medicine, Block B & D Aras 1, MAEPS Building, MARDI Complex, Jalan MAEPS Perdana, 43400 Serdang, Selangor Darul Ehsan, Malaysia; Department of Surgery⁷, Royal College of Surgeons in Ireland, RCSI Education and Research Centre, Beaumont Hospital, Dublin 9, Ireland

7:30 – 7:45pm

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

AJ Eustace¹, N Elster¹, S Toomey¹, M Cremona¹, M Milewska¹, S Wilhelm², BT Hennessy¹

Medical Oncology Group¹, Molecular Medicine Ireland, ERC Smurfit Building, Royal College of Surgeons, Beaumont Hospital, Dublin, Ireland

Sr. Medical Scientist², 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 Das¹, B Moran¹, D Smeets², T Van Brussel², G Peutman², R Klinger^{1,8}, B Fender³, K Connor^{1,8}, M Ebert⁵, T Gaiser⁵, JHM Prehn⁴, O Bacon^{4,6}, E Kay⁶, B Hennessy⁶, V Murphy⁷, A Byrne⁴, WM Gallagher^{8,3}, D Lambrechts², Darran O'Connor¹

Department of Molecular and Cellular Therapeutics¹, Royal College of Surgeons in Ireland, Dublin, Ireland; Department of Translational Genetics², VIB, K.U. Leuven, Belgium; OncoMark Ltd³, Nova UCD, Ireland; Department of Physiology⁴, Royal College of Surgeons in Ireland, Ireland; University of Heidelberg⁵, Mannheim, Germany; Beaumont Hospital⁶, Dublin, Ireland; Irish Clinical Oncology Research Group⁷, Dublin, Ireland; Cancer Biology and Therapeutics Lab⁸, 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

41st St. Luke's Lecture 2016

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