Cancer Science Institute of Singapore

Distinguished Speakers' Series 2016

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Early Intervention in Cancer through the Tumour Suppressive Mechanisms that Control Genome Stability

Date: Wednesday, 5 October 2016
Time: 11am – 12pm
Venue: LT36, Level 3, Centre for Translational Medicine (MD6)
(14 Medical Drive, Singapore 117599)
Chair: Dr Anand Jeyasekharan

Abstract:

Inactivation of the tumour suppressive mechanisms that control genome stability accompanies the transition from pre-malignant to invasive stages of cancer in epithelial tissues. I will discuss insights emerging from our lab's work concerning the cellular and molecular organization of these tumour suppressive mechanisms, and new approaches that offer the potential for early intervention through improvements in detection, risk stratification or therapy.

Biography:

Prof. Venkitaraman is the Ursula Zoellner Professor of Cancer Research at the University of Cambridge, and the Director of the Medical Research Council (MRC) Cancer Unit there. Prof. Venkitaraman is recognized for his research on the molecular mechanisms that preserve the integrity of the human genome, and how defects in these mechanisms cause cancer. His discoveries shed light on how genome instability contributes to carcinogenesis, and provide scientific foundations underpinning new approaches to therapy. He is an elected Fellow of the Academy of Medical Sciences, London and a member of the EMBO European academy, Heidelberg.