

# **C R Rao Advanced Institute of Mathematics, Statistics and Computer Science**

*University of Hyderabad Campus, Prof. C.R. Rao Road,  
Gachibowli, Hyderabad-500046*



## **Distinguished lecture**

### **Genome instability mechanisms in cancer pathogenesis and treatment**

*on 12<sup>th</sup> Dec, 2011 at 4 PM in the auditorium of Ramanujan,  
C R Rao Advanced Institute of Mathematics, Statistics and Computer Science*

*by*

***Professor Ashok Venkitaraman***



***Director, MRC Cancer Cell Unit***

***Ursula Zoellner Professor, University of Cambridge, UK***

*Prof. Ashok Venkitaraman holds the Ursula Zoellner Professorship of Cancer Research at the University of Cambridge, and is Director of the Medical Research Council's Cancer Cell Unit. He is also the Joint Director of the Hutchison/MRC Research Centre and Cambridge Molecular Therapeutics Programme (CMTP). He is both an elected Fellow of the Academy of Medical Sciences in London as well as the EMBO European academy. He trained in medicine at the Christian Medical College, Vellore, India, before completing his PhD at University College London. He was a faculty member at the Medical Research Council's Laboratory of Molecular Biology in Cambridge, before appointment to the Zoellner Professorship in 1998. Prof. Ashok Venkitaraman is distinguished for his scientific work on the molecular pathogenesis of inherited cancer syndromes, and is an expert on DNA repair and the cell cycle. His group were the first to show in 1998 that BRCA2 inactivation leads to spontaneous chromosomal instability during cell division, and have since made a series of discoveries that identify the essential functions of BRCA2 in preserving chromosome structure through functions in regulating DNA recombination mediated by the recombinase RAD51, and chromosome number, through functions in mitosis.*

*\*\*\*All are cordially invited \*\*\**

*Director, AIMSCS*