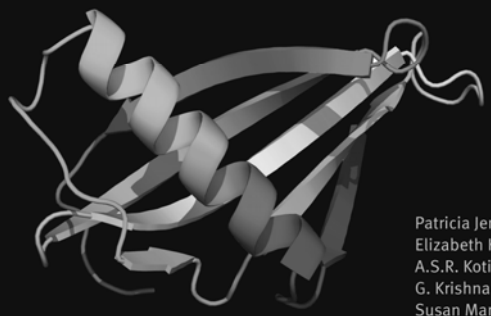
International Symposium on

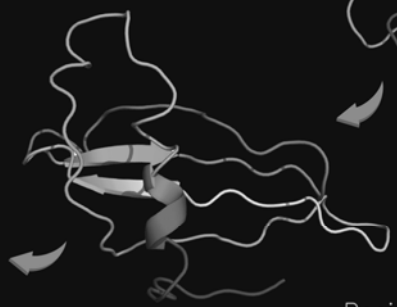
Protein Folding and Dynamics

Proteins are the functional entities in all living systems. It has long been known that the functional three-dimensional structure of a protein is coded for by its primary one-dimensional amino-acid sequence, but the mechanism by which this folding happens is still not completely understood. The folding process is an intriguing example of biological wizardry, in which a polypeptide chain self-assembles into the unique native structure that holds the key to its function. Although there has been considerable recent progress, several fundamental and inter-linked questions remain to be figured out about this self-packing puzzle. Do proteins take shape gradually, in fits and starts, or all at once? Are there flip-flops? What comes first, an outline of the shape or the details? Is there only one folding sequence for each protein? This meeting will discuss these topical issues in protein folding.

15th-17th October 2012
NCBS, Bangalore

Organizers
Professor Jayant B. Udgaonkar, NCBS, India
Professor Devarajan Thirumalai, University of Maryland, USA





Confirmed Speakers

P. Balaram (IISc. India)
Krishnanda Chattopadhyay (IICB, India)
Jane Clarke (University of Cambridge, U.K.)
William Eaton (NIH, USA)
Angel Garcia (Rensselaer Polytechnic, USA)
Shachi Gosavi (NCBS-TIFR, India)
R.V. Hosur (TIFR, India)
Changbong Hyeon (KIAS, Korea)
Patricia Jennings (UCSD, USA)
Elizabeth Komives (UCSD, USA)
A.S.R. Koti (TIFR, India)
G. Krishnamoorthy (TIFR, India)
Susan Marqusee (University of California, USA)
Samrat Mukhopadhyay (IISER-Mohali, India)
Mikael Oliveberg (Stockholm University, Sweden)
Jose Onuchic (Rice University, USA)
Rohit Pappu (Washington University, USA)
Matthias Rief (Universitat Munchen, Germany)
Ben Schuler (Universitat Zurich, Switzerland)
Eugene Shakhnovich (Harvard University, USA)
Jeffrey Skolnick (Georgia Inst. Of Technology, USA)
Satoshi Takahashi (Tohuku University, Japan)
Devarajan Thirumalai (University of Maryland, USA)
Jayant Udgaonkar (NCBS-TIFR, India)
Raghavan Varadarajan (IISc., India)

Registration deadline 10th AUGUST, 2012

Applications are invited from graduate students, post-doctoral fellows and junior faculty interested in the topic of the symposium.

For more information and to apply visit
http://www.ncbs.res.in/events/proteinfolding2012.html

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