

# DBS ANNUAL TALKS 2011

11-13 August 2011 in AG-66

## 11 August 2011 (Thu)

### Session I: Connected Journeys

(Convenor: Ashim Rai)

09:00 B.J. Rao

Predictions, Proteins, Territories & Cells:  
Different layers of Biology, our new journey!

09:45 Maithreyi Narasimha

The connected lives of molecules, cells and tissues:  
emergent, stochastic, dynamic, fantastic!

10:30 TEA

### Session II: Together but apart!

(Convenor: Surat Saravanan)

11:00 Himanshu Sinha

Interacting physically and evolving together

11:45 Shubha Tole

*"Tum vahaan, main yahaan, naseeb apna-apna"*  
[the effect of position on cell fate]

12:30 LUNCH

### Session III: Driving you nuts

(Convenor: R. Sudarshan)

13:30 Roop Mallik

Of Motors and their struggles

14:15 Vidita Vaidya

Thyroid Hormone: shaping the mature nervous system

15:00 TEA

### Session IV: Logistics (DHL or FedEx)

(Convenor: Shalini Verma)

15:30 Gotam Jarori

Plasmodium Enolase: Structural basis for diverse  
distribution and moonlighting functions

16:15 Krishanu Ray

Motor Proteins: From Intracellular Transport to Tissue  
Homeostasis

17:00 TEA

## 12 August 2011 (Fri)

### Session V: D.o.E.

(Convenor: Pradeep Barak)

09:00 V. Sriram

Mechanisms of mitochondrial remodelling

09:45 Ullas Kolthur

Metabolism, Mitochondria and MicroRNAs are  
Sirt(ainly) important for organismal physiology

10:30 TEA

### Session VI

11:00 Sreelaja Nair

The hand that rocks the cradle rules early embryonic  
development

11:45 Mithilesh Mishra

Studying cytokinesis *in vitro*

13:15 LUNCH

### Session VII: Plasmo and Danio

(Convenor: Pankaj Dubey)

14:00 Shobhona Sharma

Cell division arrest in *Plasmodium* controlled through  
ribosomal protein signalling

14:45 Mahendra Sonawane

Cellular and developmental pathways involved in  
the regulation of epidermal cell size and shape

15:30 TEA

### 16:00 POSTERS (AUDITORIUM FOYER)

## 13 August 2011 (Sat)

### Session VII: Students' Talk - The Story of Food: How it has shaped us

10:00 Ankit Sood, Kushal Banerjee, Malini Pramanik, Mandar Phatak, Mansi Gupta  
Mugdha Kulashreshtha, Parul Chachara