



# SYMPOSIUM ON ADVANCES IN NON-CODING GENOMICS

13-14 September 2013 @ IBAB, Bengaluru

## About the symposium:

The Human Genome Project and subsequent developments have shown that majority of the genome is transcribed, yet only a small fraction of the transcripts encode proteins. Non-coding RNAs such as lncRNAs, miRNAs, piRNA, SnoRNA, SnRNA, siRNA and tRNA appear to be critical for the regulation of gene expression in both prokaryotes and eukaryotes. Understanding the regulation of these non-coding RNAs is an emerging area of research. The scope of this symposium is to explore research progress in this emerging area of biology in India. The emphasis will be on bioinformatics challenges in formulating hypothesis, advances in technologies and potential areas of application.

## Topics covered:

Bioinformatics (Gene regulation, Databases, Targetome, Technologies in action)  
Functions (Non-coding RNAs in prokaryotes, Transcriptional gene silencing, Imprinting, Catalytic RNAs)  
Applications (Plants, Animals, Medical)

## Programme highlights:

- September 13: Roles of non-coding RNA
- September 14: Bioinformatics challenges and advances in technologies
- Poster sessions on both days

## Confirmed speakers:

Anjali Shiras (NCCS), K. N. Balaji (IISc), Beena Pillai (IGIB), S. C. Lakhotia (BHU), Malali Gowda (C-CAMP), Mukesh Jain (NIPGR), Priyanka Pandey (NIBMG), M. V. Rajam (Delhi University), Rakesh Mishra (CCMB), S. V. Ramesh (ICAR), Ravi Sacchidanandam (Mount Sinai), V. Scaria (IGIB), C. V. Siva Prasad (IIITA), Shrish Tiwari (CCMB) J. Sridhar (MKU), P. V. Shivaprasad (NCBS), Subha Srinivasan (IBAB).

## Eligibility:

Open to PhD students, postdoctoral fellows, and faculty from academic institutions and universities in India.

## Registration:

Register by visiting <http://www.ibab.ac.in/ngc.html> (Deadline for registration: 01 September 2013)  
Poster presenters also need to submit an abstract (500 words only) along with the registration details.

## Accommodation:

Accommodation on a shared basis will be arranged for participants.

## Contact:

[ngc@ibab.ac.in](mailto:ngc@ibab.ac.in)

## About IBAB:

The Institute of Bioinformatics & Applied Biotechnology (IBAB) was established in 2001 and is located in a sprawling campus of 20 acres. It has gained visibility for excellence in education in the interdisciplinary science of bioinformatics and has won appreciation from industry and academia. IBAB is recognised as 'Center of Excellence in Bioinformatics Training and Research' by the Department of Electronics & Information Technology, Government of India.

IBAB offers a 2-year MSc in 'Bioinformatics & Applied Biotechnology' (degree awarded by the University of Mysore) and a PhD program (degree awarded by Manipal University).

## INSTITUTE OF BIOINFORMATICS AND APPLIED BIOTECHNOLOGY

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