

One Day Symposium
On
“Cross-Talk in Omics”

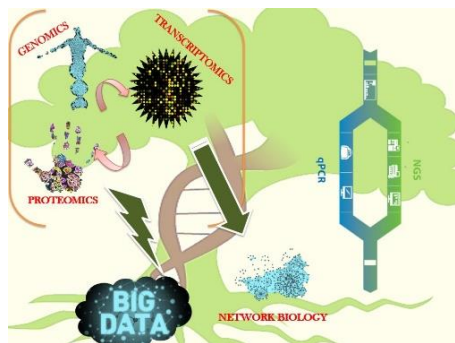
August 9, 2017

(Sponsored by UGC-SAP, DBT, and Pondicherry University)



Organized by

Centre for Bioinformatics
School of Life Sciences
Pondicherry University
Pondicherry – 605014



About the Centre

Centre for Bioinformatics of Pondicherry University is a national facility funded by the Department of Biotechnology, Department of Information Technology, and University Grant Commission. The Centre offers M.Sc Bioinformatics (UGC Innovative Program), M.Tech Computational Biology (supported by DBT) courses and Ph.D in Bioinformatics. The Centre has been conducting research activities in the areas of genome analysis, modelling, structural biology, etc and several papers have been published in peer reviewed International and National Journals.

About the Symposium

The One-day Symposium sponsored by UGC-SAP, DBT, and Pondicherry University will focus on “Cross-Talk in Omics”, which involves diversified topics in bioinformatics like genomics and proteomics. Experts in various fields will deliver lectures. The symposium will be very useful to the faculty and students interested in Genomics, Proteomics and its extension to Synthetic Biology, which are of immense scope in Life Sciences.

Who Can Apply?

Scientists, Teachers, Faculty and research scholars working in various areas of Life Sciences who intend to apply Omics concepts in their research are welcome to attend the symposium. All interested participants may register online through www.bicpu.edu.in.

Total number of participants: 50 (poster presentation from participants are welcome; Selection is based on background and first come first serve basis).

Thrust Areas:

- Genomics & Transcriptomics
- Proteomics
- Microbial Genomics & metabolomics
- Next Generation Sequencing & Big data analysis
- Onco Genomics
- Plant Genomics
- Systems Biology
- Synthetic Biology

Important Dates

Registration & Abstract submission Begins : **With effect from today**

Registration & Abstract Submission Closes : **Aug 4, 2017**
Selection will be on first come first served basis

Invited Speakers

1. **Dr. Gopal C Kundu**, NCCS Pune – “**Multipronged Insilico and wet-lab based approach to study therapeutic potential of Osteopontin and associated genes in breast and other cancers**”.
2. **Dr. M. Suresh Kumar**, Centre for Bioinformatics, Pondicherry University- “**Structural Plasticity of Protein Disulphide Isomerase**”.
3. **Dr. Shailza Singh**, NCCS Pune– “**Systems framework for Synthetic biology inspired therapy in Leishmaniasis**”.
4. **Dr. R. Amutha**, Centre for Bioinformatics, Pondicherry University-“**HIV-1 Integrase: a structural perspective from molecular dynamic simulations**”.
5. **Dr. P. V. Shivaprasad**, NCBS Bengaluru– “**Biogenesis and functions of plant micro RNAs**”.
6. **Dr. B. Syed Ibrahim**, Centre for Bioinformatics, Pondicherry University- “**Molecular assembly in process of innate immunity revealed: Involvement of cytokine like protein plays major role**”.

Venue

Seminar Hall
Centre for Bioinformatics
Pondicherry University

Organizing Committee

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Dr. H. Surya Prakash Rao
Centre Head (i/c)
Centre for Bioinformatics
Pondicherry University

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