

One day Seminar on "Current Trends in Protein Structures and Genome Analysis"

February 24, 2017



Organized by

**Centre for Bioinformatics
School of Life Sciences
Pondicherry University
Pondicherry-605 014**

Supported by

**Department of Biotechnology
(Government of India)**

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Pondicherry University

About the Centre

Centre for Bioinformatics at Pondicherry University is a national facility funded at various stages by the Department of Biotechnology (DBT), Department of Information Technology and University Grants Commission. Current faculty strength is eleven and their research interest is in all fields of Bioinformatics which ranges from Structural Biology to Genome Analysis. The Centre offers M.Sc. Bioinformatics (UGC Innovative Program) and M.Tech. Computational Biology (supported by DBT) and Ph.D. in Bioinformatics. The Centre has received grants under Centre of Excellence for Teaching and Research in Bioinformatics by the Department of Information Technology, Govt. of India. Students pursuing M.Tech. Computational Biology are offered student fellowship (Rs.8000/- pm) given by DBT. The program is a part of the network program with Anna University for which PU is the nodal center. The Centre has a web-site (www.bicpu.edu.in) and it has access to several online e-journals and e-books. A round-the-clock computational facility is available to all scholars and students of the center. It is also equipped with modern instruments to carry out wet-lab molecular biology research work. The Centre has conducted more than 37 Seminars / Workshops in recent years. Over 130 publications in reputed national and international journals resulted from the research work of faculty members of the center. The theme of the seminar "Current Trends in Protein Structures and Genome Analysis" reflects research interests of majority of the faculty of the center.

About the Seminar

The one-day seminar will focus on current topics in structural biology, bioinformatics and genomics. Experts from different premier institutions of India and the Center will deliver lectures on their recent findings. The seminar will be useful to the faculty and students interested in Bioinformatics.

Who can attend

The seminar is being organized to expose and initiate scholars and students of the center to the challenging area of research in Structural Biology. The seminar however, is open to all faculty, students and scholars of Pondicherry University particularly those working in sister departments in the School of Life Sciences. It is also open to those scientists, teachers, and faculty and research students working in various areas of Life Sciences who intended to learn Bioinformatics approaches and to become familiar in the field of macromolecular crystallography.

No registration fee is levied. Maximum number of participants is 120. Those interested to participate in the seminar are requested to register online www.bicpu.edu.in before 17th February, 2017 (10.00 AM). The selection will be based on first come first serve basis. Selection intimation will be sent by email. Online registration closes after 120 registrations are over. Limited number of poster display for research scholars on the topic of the symposium (30 numbers) is available. Best posters will be awarded. Those who desire to display posters should contact the coordinator by e.mail with the title and abstract. Coordinator's decision (to be sent by reply e.mail) on relevancy of the poster to the symposium is final.

STRUCTURE GALLERY: Important Protein Structures on which research is being carried in the Centre

Hyaluronidase



Acid Sphingomyelinase



P-GlycoProtein



RecA



Venue

Seminar Hall, Centre for Bioinformatics, Pondicherry University

List of Speakers

1. **Dr. Ruchi Anand**, Department of Chemistry, IIT, Mumbai
2. **Dr. Ramachandraiah Gosu**, Jubliant Biosys Ltd., Bangalore
3. **Dr. S. Thiyagarajan**, Institute of Bioinformatics and Applied Biotechnology, Bangalore
4. **Dr. Basant K. Tiwary**, Centre for Bioinformatics, PU
5. **Dr. A. Dinakara Rao**, Centre for Bioinformatics, PU
6. **Dr. P.T.V. Lakshmi**, Centre for Bioinformatics, PU

Organizing Committee

Chairperson

Prof. H. Surya Prakash Rao
Centre Head (i/c)

Members

Dr. R. Krishna
Dr. M. Suresh Kumar
Dr. Archana Pan
Dr. A. Murali
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Dr. V. Amouda
Mr. M. Sundara Mohan (Info Officer)

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