

ACTIVITY REPORT OF SBCADD-2018

Institute	: Department of Bioinformatics, Alagappa University, Karaikudi- 630 004, Tamil Nadu
Nature and Level of the Programme	: National
Event-Title	: 10 th National Symposium cum Workshop on "Recent Trends in Structural Bioinformatics and Computer Aided Drug Design" [SBCADD'2018]
Event-Theme	: The 10 th National Symposium cum Workshop on Recent Trends in Structural Bioinformatics and Computer Aided Drug Design [SBCADD'2018] creates a common platform to bring renowned Scientists, Academicians, Budding Scholars and Students to deliberate, create thought-provoking visionary solutions towards debilitating conditions caused by threatening pathogens, diseases such as Chikungunya, Zika, Dengue, HIV, Malaria and Filariasis propagated from vector borne organisms and similarly Cancer, Diabetes, Hypertension and Obesity resulted from Lifestyle changes are as of now been faced by the Global population. In connection to, SBCADD'2018 intends to serve the purpose of enlightening the young minds of various prospects in Computational sources for bringing out a potential blockbuster drug and thereby easing the expansive Drug Discovery Process. At present, we are in need of immediate therapeutics against the alarming diseases for which Computational Drug Design is the only reliable path to rescue. Together with this year conference would bring out a series of memorable invited lectures from known faces in various disciplines of Structural Biology, Molecular Biology, Structural Bioinformatics, Computer Aided Drug Designing, Medicinal Chemistry, and Pharmacogenomics to work towards a Swachh and Swasth Bharath. Besides, Application Scientists from Schrodinger, USA would also provide hands-on training in Computational

Biology and Computer Aided Drug Design.

No. of Sessions Held : Seven Sessions (20 Invited Lectures)

Name and Designation of the Guests/Resource persons : **Prof. Arun K Pujari**
Vice-Chancellor
Central University of Rajasthan, Rajasthan

Prof. T.P. Singh
Distinguished Biotechnology Research Professor
Department of Biophysics,
All India Institute of Medical Sciences, New Delhi

Prof. D. Velmurugan
UGC-BSR Faculty
CAS in Crystallography and Biophysics, University of Madras
Chennai

Prof. K. Suguna
Molecular Biophysics Unit
Indian Institute of Science, Bangalore

Dr. G. Narahari Sastry
Senior Principal Scientist
Indian Institute of Chemical Technology, Hyderabad

Dr. H. A. Nagarajaram
Professor
Central University of Hyderabad, Hyderabad

Dr. K. Sekar
Professor
Indian Institute of Science, Bangalore

Dr. Michael Gromiha
Associate Professor
Indian Institute of Technology Madras, Chennai

Dr. Shailza Singh
Scientist-D
National Centre for Cell Science, Pune

Dr. Suresh K. Rayala
Professor
Indian Institute of Technology Madras, Chennai

Dr. Ritushree Kukreti
Principal Scientist
CSIR-Institute of Genomics and Integrative Biology, New Delhi

Dr. Shandar Ahmed

Professor

Jawaharlal Nehru University, New Delhi

Dr. Ganesh Venkatraman

Professor

Sri Ramachandra University, Chennai

Dr. Poonam Singh

Senior Scientist

CSIR-Central Electrochemical Research Institute

Karaikudi

Dr. Vikash Kumar Dubey

Professor

Indian Institute of Technology Guwahati, Assam

Dr. A. Anand

Professor

Vellore Institute of Technology, Vellore

Dr. Basant Kumar Tiwary

Professor

Pondicherry University, Puducherry

Dr. Timir Tripathi

Assistant Professor

North-Eastern Hill University, Shillong

Dr. Md. Imtiyaz Hassan

Assistant Professor

Jamia Millia Islamia University, New Delhi

Dr. Asimul Islam

Assistant Professor

Jamia Millia Islamia University, New Delhi

Mr. Ranganathan Raghavan

GE Healthcare Life Sciences

No. of participants : 70 (External) & 150 (Internal)

**No. of papers received
and presented** : 75

Outcome of the Event :The Department of Bioinformatics, Alagappa University, Karaikudi
has organized the 10th National Symposium cum Workshop on

"Recent Trends in Structural Bioinformatics and Computer Aided Drug Design " [SBCADD'2018]" held during 20th - 23rd February at Alagappa University. Council of Scientific and Industrial Research (CSIR), Department of Biotechnology (DBT), Department of Science and Technology (DST), Indian Council of Medical Research (ICMR), Government of India, New Delhi and Schrödinger, USA, supported this conference financially. SBCADD'2018 has attracted around 220 delegates across the country includes more than 50 Ph.D Scholars from Alagappa University and affiliated colleges has participated to attend the informative talks of the eminent scientists. This event provided a platform by addressing the Scientific challenges by bringing notable biologists from all over the country to meet and deliberate on various aspects of Structural Biology, Big Data and Drug Discovery research and included the sessions on all the aspects of structural biology of macromolecules and their role in drug discovery.

**Signature of the
Organizing Secretary**