

International Conference on "Recent Trends in Structural Bioinformatics and Computer Aided Drug Design" [ICSBCADD'2019]

The Department of Bioinformatics, Alagappa University, Karaikudi has organized the International Conference on "Recent Trends in Structural Bioinformatics and Computer Aided Drug Design" (ICSBCADD'2019) during 11th - 13th December, 2019 after successfully conducting successive eleven editions on SBCADD at National level.

National funding agencies such as Council of Scientific and Industrial Research (CSIR), Department of Biotechnology-Conference, Travel, Exhibition and Popular Lectures (DBT-CTEP), Department of Science and Technology-Science and Engineering Research Board (DST-SERB), Indian National Science Academy (INSA), Government of India, New Delhi, Tamilnadu State Council for Science and Technology (TNSCST), MHRD-RUSA 2.0 of Alagappa University and notable Industries such as GE Healthcare, Schrödinger, USA, Eppendorf, Gene Technologies, ZASTRA Innovations etc, has substantially supported financially and also by providing all the necessary requirements for the grant success of the event. ICSBCADD'2019 has been an interface in bringing forth deliberations on Structural Biology, Structural Bioinformatics and Computer Aided Drug Design by the most influential 22 eminent scientists from various prestigious institutions and four industrial speakers from GE Healthcare, Schrödinger Germany, ZASTRA Innovations and Bruker India Scientific Pvt. Ltd. The event has attracted participants of diverse learning backgrounds from Undergraduate level students to the Research Scientists to a total of about 263 participants includes 50 Ph.D Scholars from Alagappa University and affiliated colleges had the opportunity of listening plenary lectures on the recent advancements and critical issues faced by the researchers in the field of Structural Biology, Bioinformatics and Computer Aided Drug Design.

*The Organizing Committee (**Annexure I**) has made various efforts to reach this event worldwide to attract participants. Dedicated website was launched for this event and continuously updated regarding the announcements and other details pertaining to this event (**Annexure I**). Still the website is in use to gain information through the group created solely for purpose to discuss on various issues that are of immense interest and in the field of Structural Biology, Bioinformatics and Computer Aided Drug Discovery. This has been serving as a platform for the participants to kindle a right spirit of interaction among the learners and the beginners in this field towards their research accomplishments.*

*First day, this event was started with the Inaugural function. Prof. N. Rajendran, Vice-Chancellor, Alagappa University presided over this occasion and released the ICSBCADD'2019 Souvenir in the presence of Prof. M. Krishnan, Madurai Kamaraj University, Madurai, Prof. T.P. Singh, SERB Distinguished Fellow, Department of Biophysics, All India Institute of Medical Sciences, New Delhi, Dr. Gulshan Wadhwa, Director, DBT, New Delhi, Prof. Gerhard Grüber, Deputy Head, Division of Structural and Computational Biology, Nanyang Technological University, Singapore, Prof. Chun-Jung Chen, Deputy Director at National Synchrotron Radiation Research Centre, Taiwan, Prof. Balazs Zoltan Gulyas, Director, Centre for Neuroimaging Research, Nanyang Technological University, Singapore, Prof. Seiki Kuramitsu, Honorary Emeritus Professor, Osaka University, Japan, Prof. D. Velmurugan, Honorary Emeritus Professor, Former Head, CAS in Crystallography and Biophysics, University of Madras, Chennai, Dr. R. Swaminathan, Member of Syndicate, Alagappa University, Dr. J. Jeyakanthan, Convener-ICSBCADD'2019, and Dr. Sanjeev Kumar Singh, Co-Convener-ICSBCADD'2019. During this conference, Eminent Scientists from various parts of India had delivered excellent and enlightening talks on core areas of Structural Biology, Bioinformatics and Computer Aided Drug Designing. Also, skilled Industry experts from GE Healthcare, Schrödinger, USA, ZASTRA Innovations and Bruker India Scientific Pvt. Ltd enlightened the participants on the feasibility and diverse applications of Drug Discovery and Structural Biology experiments from Industrial perspective (**Annexure III**).*

Totally, 263 delegates from various parts of India have participated in this 3-day event. 100 abstracts were received, among that only 75 were accepted for poster presentation. Souvenir of ICSBCADD'2019 includes abstracts of the plenary lectures, accepted abstracts for oral and poster presentation.

The last day of this event ended up with the Valedictory function. Dr. J. Jeyakanthan, Professor and Head, Department of Bioinformatics, Alagappa University, welcomed the gathering followed by the Valedictory address delivered by Prof. H. Gurumallesh Prabu, Registrar, Alagappa University. Prof. Chun-Jung Chen, Deputy Director at National Synchrotron Radiation Research Centre, Taiwan and Prof. D. Velmurugan, Honorary Emeritus Professor, Former Head, CAS in Crystallography and Biophysics, University of Madras shared their views about the successful completion of the 3-day International event and organizing committee members distributed the meritorious poster and oral cash prizes and certificates to the delegates. Dr. RM. Vidhyavathi, Assistant Professor, Department of Bioinformatics, Alagappa University briefed the 3-day Conference proceedings followed by Dr. Sanjeev Kumar Singh, Professor, Alagappa University expressed his gratitude to Council of Scientific and Industrial Research (CSIR), Department of

Biotechnology-Conference, Travel, Exhibition and Popular Lectures (DBT-CTEP), Department of Science and Technology-Science and Engineering Research Board (DST-SERB), Indian National Science Academy (INSA), Government of India, New Delhi, Tamilnadu State Council for Science and Technology (TNSCST), MHRD-RUSA 2.0 of Alagappa University and notable Industries such as GE Healthcare, Schrödinger, USA, Eppendorf, Gene Technologies, ZASTRA Innovations etc, for financial support in this 3-day International Conference.

The participants were overwhelmed with wonderful scientific breakthroughs presented by the eminent scientists and felt that such conferences paved way for their enthusiastic research outlook to take great strides on the scientific front.