



ALAGAPPA UNIVERSITY

(A State University Accredited with 'A+' Grade by NAAC in Third Cycle)

KARAIKUDI-630 003, TAMIL NADU, INDIA



10th National Symposium cum Workshop on "Recent Trends in Structural Bioinformatics and Computer Aided Drug Design" [SBCADD'2018]

and
1st Annual Meeting of Bioinformatics and Drug Discovery Society (BIDDS)

20th - 23rd February, 2018 Organized by : Department of Bioinformatics

THEME

The 10th 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 about 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 memorabilia 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 Schrödinger, USA would also provide hands-on training in Computational Biology and Computer Aided Drug Design.

ABOUT THE UNIVERSITY

Alagappa University established by the Government of Tamilnadu, as envisioned by the great Philanthropist Padma Bhushan (Late) Dr. RM. Alagappa Chettiar is achieving Excellence in all spheres of Education, with particular emphasis on Pedagogy, Extension, Administration, Research and Learning (PEARL) by affording a Quality oriented Higher Education to the learners so that they are transformed into intellectually competent human resources that will help in the up-liftment of the nation to Educational, Social, Technological, Environmental and Economic Magnificence (ESTEEM). The 440 acre green and lush campus houses Science, Arts, Management, and Education faculties with 34 Departments, 7 Centres and 3 Constituent Colleges on its campus. The University has been awarded with A+ Grade by NAAC (CGPA: 3.64 out of 4) in the Third Cycle of assessment and also the first State University that obtained the A+ status in the State of Tamil Nadu. The University has received many notable awards such as the ISO 9001: 2015 Certification Award for its credibility in providing an enhanced quality Higher Education and Research Activities and Clean and Green Campus Award (2016) & World Environment and Livelihood (WEAL) Award (2017) from National Institute of Cleanliness and Education Research (NICER), New Delhi. Moreover, the University has been classified under Category I for achieving a remarkable score of 3.64 out of 4. Much recently the University also secured Third Position at National level in Swachhta Ranking of Higher Educational Institutions and for which the University has been identified as one of the Centre on Swachh Bharat and Swasth Bharat by MHRD, New Delhi.

ABOUT THE DEPARTMENT

The Department of Bioinformatics was started in the year 2008, to facilitate the teaching and research in the interdisciplinary areas of Small and Macro Molecule X-ray Crystallography, Structural Biology, Structural Bioinformatics, Molecular Modeling, Computer Aided Drug Design, Pharmacoinformatics, Chemoinformatics, Molecular Cell Biology, Genetic Engineering, Genomics, Proteomics, Bio-Computing, Quantum Chemistry, Database and Software development to create an intellectual environment for interdisciplinary education and training. The Department is supported by the University Grants Commission (UGC) under the scheme of "Innovative Programme - Teaching & Research in Interdisciplinary and Emerging Areas", the Department of Science & Technology (DST) - "Fund for Improvement of S & T Infrastructure in Higher Educational Institutions" (FIST) and "Promotion of University Research And Scientific Excellence" (PURSE). We apply our Computational and Experimental techniques to study the Interaction of small chemical compounds with proteins and nucleic acids and to characterize their molecular mechanisms towards the novel discovery for human diseases. Our dynamic environment is focused on students to gain experience through academic, industrial internship programs. The Department of Bioinformatics has been offering M.Sc., M.Phil., Ph.D., & PG Diploma Programmes. Our Department has been publishing many research articles related to Human diseases, pathogenic and non pathogenic organisms. Department has been receiving major research projects from various funding agencies such as Alagappa University Research Fund (AURF), Council of Scientific and Industrial Research (CSIR), Department of Biotechnology (DBT), Department of Science and Technology (DST), Indian Council of Medical Research (ICMR), Tamil Nadu State Council for Science & Technology (TNSCST), and University Grants Commission (UGC).

SCIENTIFIC TOPICS

Bioinformatics	Functional Genomics and Proteomics
Biotechnology	Molecular Biology
Chemoinformatics	Molecular Modeling
Computer Aided Drug Design	Pharmacogenomics
Computational Biology and Chemistry	Structural Bioinformatics and Structural Biology
Database Creation and Development	Small and Macromolecule X-ray Crystallography

PARTICIPANT

Students, Research Scholars, Research Scientists and Faculty members from the Universities, Institutes, Colleges and Industries are encouraged to participate in this Symposium Cum workshop.

CALL FOR POSTER

The participants are requested to submit abstract on the theme of the symposium to the Organizing secretary on or before January 10th, 2018. The abstract should be sent to dbiconf@gmail.com. Kindly visit conference website (www.conf.bioinfoau.org/sbcadd'2018) for more information.

ADDRESS FOR COMMUNICATION

Dr. J. Jeyakanthan
Professor and Head

Organizing Secretary - SBCADD'2018
Department of Bioinformatics
(DST - FIST & PURSE Sponsored Department)

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PROGRAMME COMMITTEE

PATRON

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Professor and Head

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Dr. Sanjeev Kumar Singh
Professor

Dr. M. Karthikeyan

Dr. RM. Vidhyavathi

Dr. J. Joseph Sahayarayan

Dr. P. Boomi

Dr. V. K. Langeswaran

Assistant Professors,
Department of Bioinformatics

TENTATIVE SPEAKERS

- Dr. A. Anand, Vellore Institute of Technology, Vellore
- Dr. B.K. Tiwary, Pondicherry University, Puducherry
- Dr. Ganesh Venkataraman, Sri Ramachandra University, Chennai
- Dr. Md. Imtiaz Hassan, Jamia Millia Islamia University, New Delhi
- Dr. M. Michael Gromiha, Indian Institute of Technology-Madras, Chennai
- Dr. H.A. Nagarajaram, Central University of Hyderabad, Hyderabad
- Dr. G. Narahari Sastry, Indian Institute of Chemical Technology, Hyderabad
- Dr. Poonam Singh, CSIR-CECRI, Karaikudi
- Dr. Ritushree Kukreti, CSIR-IGIB, New Delhi
- Dr. Shekhar C. Mande, National Centre for Cell Science, Pune
- Dr. K. Sekar, Indian Institute of Science, Bangalore
- Dr. Shandar Ahmed, Jawaharlal Nehru University, New Delhi
- Dr. Shailaza Singh, National Centre for Cell Science, Pune
- Dr. K. Suguna, Indian Institute of Science, Bangalore
- Dr. Suresh Rayala, Indian Institute of Technology-Madras, Chennai
- Dr. T.P. Singh, AIIMS, New Delhi
- Dr. Timir Tripathi, North-Eastern Hill University, Shillong
- Dr. D. Velmurugan, University of Madras, Chennai
- Dr. Vikash Kumar Dubey, Indian Institute of Technology, Guwahati
- Schrödinger Team, USA

REGISTRATION

The participants are requested to send the duly filled registration form along with registration fee on or before January 10th, 2018. The demand draft should be drawn in favor of "The Organizing Secretary - SBCADD'2018" payable at Karaikudi.

Participant	SBCADD'2018 Participation	BIDDS Registered member	Foreign Participation
Student / Research Scholar	3000	2000	USD 300
Faculty from Academic Institutions	4000	2500	USD 400
Non-Academic	10000	5000	USD 1000

For more details about BIDDS, visit : <http://www.bidds.org>

ACCOMMODATION

Request for accommodation should be sent to The Organizing Secretary at the earliest. The expenditure for accommodation and travel will be met by participant. Refreshment and Lunch will be provided during the event.

HOTELS AVAILABLE AT KARAIKUDI

Hotel Sathguru Grand	04565 - 230400/1
Golden Singar Hotel	04565 - 235521/2/3
Hotel Nachiappa Palace	04565 - 230077/67
Hotel Subalakshmi Palace	04565 - 235200
L. T. Lodge	04565 - 238792
M.R.M Lodge	04565 - 233796
Hotel Jagan	04565 - 227273/225446
SMS Lodge	04565 - 227741/3

HOW TO REACH ALAGAPPA UNIVERSITY : Train and Bus facilities are frequently available in Karaikudi. For further details please visit www.mustseeindia.com/Karaiikudi/how-to-reach

AIRWAYS : Chennai Airport - Madurai/Trichy Airport and then by road takes about 1hr 30 mins

Expected Sponsors

Alagappa University, BIDDS, CSIR, DBT, DST, ICMR, and Schrödinger, USA