

Department of Bioinformatics

ICSBCADD'2019

Oral Presentation Schedule of Participants

11th December, 2019

Oral Presentation Session-I (04:45 PM - 05:45 PM)

Chairperson: Prof. Seiki Kuramitsu

Co-Chairperson: Prof. B. Padmanabhan

S.No	OP.No	Name, Designation & Affiliation	Title	Time Schedule
1.	OP-20	Ms. Y. Saleena Ph.D Scholar Department of Computational Biology & Bioinformatics, University of Kerala, Kariavattom Campus, Kerala-695 581	An <i>in silico</i> approach for identifying the molecular level interaction of Chemotherapy drugs Crizotinib and Temozolomide in Glioblastoma and Lung Cancer targets	04:45 PM – 04:55 PM
2.	OP-28	Ms. P. Nirmaladevi Ph.D Scholar Department of Biotechnology, VIT, Vellore Campus, Vellore-632 014, Tamil Nadu, India	<i>In silico</i> approach for biomarker identification and Phytochemicals screening of potent inhibitor for Polycystic ovary syndrome (PCOS) targets	04:55 PM - 05:05 PM
3.	OP-13	Mr. Suma L.S Ph.D Scholar Department of Computational Biology & Bioinformatics, University of Kerala, Kariavattom Campus, Kerala-695 581	Optimization framework for identification of dysregulated module in Breast Cancer Data	05:05 PM - 05:15 PM
4.	OP-23	Ms. Shoufia Jabeen Ph.D Scholar Molecular Genomics Laboratory, Department of Bioinformatics,	Screening for novel agonists for ATF6 to alleviate ER stress induced pathogenesis	05:15 PM - 05:25 PM

		Bharathiar University, Coimbatore-641 046		
5.	OP-25	Mrs. V. Sharmila Ph.D Scholar Biochematics Lab, Department of Bioinformatics, Bharathiar University, Coimbatore-641 046	Epitope identification from virulence proteins of <i>Staphylococcus aureus</i> and <i>Streptococcus pyogenes</i> for Vaccine development-An <i>in silico</i> approach	05:25 PM - 05:35 PM
6.	OP-06	Dr. Yogavel Manickam Research Associate International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi-110 067, New Delhi	The target validation using structure-based targeting of orthologous pathogen proteins (STOPP) approach	05:35 PM - 05:45 PM

12th December, 2019

Oral Presentation Session-II (09:00 AM - 10:10 AM)

Chairperson: Prof. Seiki Kuramitsu

Co-Chairperson: Prof. B. Padmanabhan

S.No	OP.No	Name, Designation & Affiliation	Title	Time Schedule
7.	OP-21	Ms. Arya K.R Ph.D Scholar Department of Computational Biology & Bioinformatics, University of Kerala, Kariavattom Campus, Kerala-695 581	Identification of genes and pathways responsible for resistance of glioblastoma to antiVEGF therapy- A Bioinformatics approach	09:00 AM - 09:10 AM
8.	OP-05	Dr. Ved Vrat Verma ICMR-PDF Informatics System & Research Management (ISRM) Division, Indian Council of Medical Research (ICMR), Ansari Nagar, New Delhi-110 029, INDIA	Alkaloids as potential drug lead for fighting against multidrug drug resistant: a case study of NDM-1 from <i>Klebsiella pneumonia</i> as drug target	09:10 AM - 09:20 AM

9.	OP-10	Mr. H. Lalremmawia Ph.D Scholar Centre for Bioinformatics, Pondicherry University, Kalapet, Puducherry-605 014	<i>In silico</i> identification of common cancer biomarkers among heterogeneous types of cancer	09:20 AM - 09:30 AM
10.	OP-11	Mr. Anish N. Gomatam Ph.D Scholar Department of Pharmaceutical Chemistry, Bombay College of Pharmacy, Kalina, Santacruz (East), Mumbai	Eigen Value ANalySis (EVANS)- A “universal” QSPR formalism for addressing pharmacodynamics and toxicity issues in drug development	09:30 AM - 09:40 AM
11.	OP-12	Ms. Sherin K Ph.D Scholar Department of Computational Biology & Bioinformatics, University of Kerala, Kariavattom Campus, Kerala-695 581	Comparison of Machine Learning classifiers in miRNA target prediction	09:40 AM - 09:50 AM
12.	OP-15	Mr. Sankaran SV Ph.D Scholar Sacred Heart College (Autonomous), Tirupattur, Vellore Dist-635 601	Understanding the mechanism of Domain swapping in Human Cellular Retinol Binding Protein II (hCRBP II)	09:50 AM - 10:00 AM
13.	OP-27	Mr. Mohd. Babu Khan Ph.D Scholar Centre for Bioinformatics, Pondicherry University, Kalapet, Puducherry-605 014	Virtual Screening to identify novel potential inhibitors for AChE of Alzheimer’s disease by an in-silico approach	10:00 AM - 10:10 AM

Oral Presentation Session-III (05:30 PM – 06:30 PM)

Chairperson: Dr. P. Karthe

Co-Chairperson: Dr. V.K.Langeswaran

S.No	OP.No	Name, Designation & Affiliation	Title	Time Schedule
14.	OP-01	Dr. Bhupesh Goyal Assistant Professor-II School of Chemistry & Biochemistry, Thapar Institute of Engineering & Technology (TIET) (Deemed to be University) Patiala-147 004, Punjab, India	Computational insights into the inhibitory mechanism of resveratrol and clioquinol against amyloid- β 42 aggregation and protofibril destabilization in Alzheimer's disease	05:30 PM - 05:45 PM
15.	OP-02	Dr. Mohanapriya Arumugam Assistant Professor (Senior) School of Biosciences and Technology, Vellore Institute of Technology, Vellore, India - 632014.	A systems pharmacology approach to decipher the mechanism of action of Parangichakkaichooranam, a Siddha therapy for psoriasis	05:45 PM - 06:00 PM
16.	OP-03	Dr. K. Muruga Poopathi Raja Assistant Professor Chemical Biology and Biophysics Laboratory Department of Physical Chemistry School of Chemistry Madurai Kamaraj University Palkalai Nagar Madurai 625021, India.	Asparagine and Glutamine Repeats: Aggregations to Diseases	06:00 PM - 06:15 PM
17.	OP-18	Mrs. Jeba Mercy Assistant Professor Department of Biotechnology, Dr. Umayal Ramanathan College for Women, Karaikudi-630 002	<i>Achromobacter Xylooxidans</i> induced Bacteremia in premature neonates: Case report	06:15 PM - 06:30 PM

13th December, 2019

Oral Presentation Session-IV (09:00 AM – 10:05 AM)

Chairperson: Prof. Seiki Kuramitsu

Co-Chairperson: Prof. B. Padmanabhan

S.No	OP.No	Name, Designation & Affiliation	Title	Time Schedule
18.	OP-04	Dr. Girinath G Pillai Director Zastra Innovations, Pvt. Ltd. 837/S3 II Floor, 3rd Cross Rd., HRBR Layout 1st Block, Kalyan Nagar, Bengaluru, Karnataka. India. Pin – 560 043.	Role of ADME and Toxicity in the Drug Candidate Selection using Multi Parameter Optimization	09:00 AM - 09:15 AM
19.	OP-08	Ms. Swathika Praveen/ Mr. Arjun A. R M.Sc student VIT, Vellore Campus, Vellore-632 014, Tamil Nadu, India	Understanding the mode of action of active compounds from Chyawanprashin modulating AKT1 gene in Aging: An in silico analysis	09:15 AM - 09:25 AM
20.	OP-19	Mr. P. Ravikumar Ph.D Scholar Department of Bioinformatics, Bharathiar University, Coimbatore- 641 046	Antidepressant activity of nutraceutical compounds from wheat seedlings	09:25 AM - 09:35 AM
21.	OP-22	Ms. Priya Venugopal Ph.D Scholar Department of Computational Biology & Bioinformatics, University of Kerala, Kariavattom Campus, Kerala-695 581	Identifying novel targets and their inhibitory Phytocompounds in <i>H.pylori</i> - mediated infection-An <i>in</i> <i>silico</i> approach	09:35 AM - 09:45 AM
22.	OP-24	Mr. Syed Abuthakir Mohamed Husain Ph.D Scholar Biochematics Lab, Department of Bioinformatics, Bharathiar	Subtractive proteomics approach for identifying putative drug targets and elucidating inhibitors from <i>Balanites aegyptiaca</i> for	09:45 AM - 09:55 AM

		University, Coimbatore-641 046	<i>Microsporium gypseum</i> - A computational study	
23.	OP-09	Mr. L. Lakshmanan Ph.D Scholar Pharmacogenomics and CADD Laboratory, Department of Bioinformatics, Science Campus, Alagappa University, Karaikudi-630 004, Tamil Nadu, India	Computational understanding on molecular mechanism of hypertensive drug metabolizing enzymes and its implication on developing potential lead molecules	09:55 AM - 10:05 AM

Oral Presentation Session-V (03:30 PM - 04:50 PM)

Chairperson: Prof. Seiki Kuramitsu

Co-Chairperson: Prof. B. Padmanabhan

S.No	OP.No	Name, Designation & Affiliation	Title	Time Schedule
24.	OP-29	Mrs. M. Aarthi Ph.D Scholar Computer Aided Drug Design and Molecular Modeling Laboratory, Department of Bioinformatics, Alagappa University, Karaikudi-630 004, Tamil Nadu, India	Investigations on the interaction between PTNP14 with high and low risk HPV types 16 and 11	03:30 PM - 03:40 PM
25.	OP-31	Mr. Umesh Panwar Ph.D Scholar Computer Aided Drug Design and Molecular Modeling Laboratory, Department of Bioinformatics, Alagappa University, Karaikudi-630 004, Tamil Nadu, India	<i>In silico</i> strategies to disrupt the protein-protein interaction between integrase and LEDGF/p75	03:40 PM - 03:50 PM
26.	OP-30	Ms. Chirasmitta Nayak Ph.D Scholar Computer Aided Drug Design and Molecular Modeling Laboratory, Department of Bioinformatics, Alagappa University, Karaikudi-630	Integrated microarray meta-analysis unveiled a panel of diagnostic biomarkers of Glioblastoma	03:50 PM - 04:00 PM

		004, Tamil Nadu, India		
27.	OP-32	Mr. Sitrarasu Vijaya Prabhu Ph.D Scholar Computer Aided Drug Design and Molecular Modeling Laboratory, Department of Bioinformatics, Alagappa University, Karaikudi-630 004, Tamil Nadu, India	Investigation of Dual negative allosteric modulator to predict correct pose and unrevealing the binding mode between mGluR1 and mGluR5 through binding pose metadynamics and molecular dynamics simulation studies	04:00 PM - 04:10 PM
28.	OP-17	Mr. M. Richard Ph.D Scholar Structural Biology & Bio-Computing Lab, Department of Bioinformatics, Alagappa University, Karaikudi-630 004, Tamil Nadu, India	Insights on Exogenous Tryptophan-mediated Allosteric communication and Helical Transition of TRP protein for Transcription regulation	04:10 PM - 04:20 PM
29.	OP-16	Dr. V.M. Manikandamathavan RUSA-PDF Structural Biology & Bio-Computing Lab, Department of Bioinformatics, Alagappa University, Karaikudi-630 004, Tamil Nadu, India	Role of substituents on Copper (II) terpyridine complexes towards redox chemotherapy through experimental and computational approaches	04:20 PM - 04:30 PM
30.	OP-14	Dr. M. Nachiappan RUSA-RA Structural Biology & Bio-Computing Lab, Department of Bioinformatics, Alagappa University, Karaikudi-630 004, Tamil Nadu, India	Structural and Functional Characterization of SIRT4 protein from <i>Homo sapiens</i>	04:30 PM - 04:40 PM
31.	OP-07	Dr. R. Balajee RUSA-PDF Structural Biology & Bio-Computing Lab, Department of Bioinformatics, Alagappa University, Karaikudi-630 004, Tamil Nadu, India	Molecular Modelling investigations and atomic insights on <i>de novo</i> purine biosynthetic pathway using Quantum Mechanical approaches	04:40 PM - 04:50 PM