INTERNATIONAL CONFERENCE ON

BIOINFORMATICS & SYSTEM BIOLOGY



MARCH 20-21, 2019

SINGAPORE CITY, SINGAPORE

JOINT EVENT ON BIOINFORMATICS 2019	
Day 1- 29-10-2018	
9:00-9:30	Registrations
9:30-9:45	Introduction
Keynote Forum	
Keynote Forum	Title: Comparative interactomic analysis to decipher the role of genes involved in rifamycin production in genetically modified Amycolatopsis mediterranei S699
	Gauri Garg Dhingra, Kirori Mal College, University of Delhi, India
Oral Session 1	
	Session Introduction
	Bioinformatics & System Biology, Drug Design and Developnment, Molecular Modeling
Oral 1	MD simulations of estrogen receptors (ER) and docking analysis of DPN analogues reveal insights about subtype-receptor selectivity.
	Marlet Martinez, Universidad Politecnica de Catalunya, Barcelona, Mexico
Oral 2	Title: Recommendations of somatic variants detection with Next-Generation Sequencing (NGS) data
	Xiaoyu He, Chinese Academy of Sciences, Beijing, China
Networking & Refreshment Break, 11:30-11:45	
Oral 3	Comparative analysis of cpg islands in dengue virus for methylation induced gene silencing as an epigenetic tool
	Mansi Verma ,Sri Venkateswara College, Delhi University, India
Oral 4	Structural insights of HDAC6 deacetylase catalytic domains
	Yudibeth Sixto-López, Instituto Politecnico Nacional, Mexico
Lunch Break: 12:45 -13:45	
Oral 5	Title: Gene prediction algorithm based on feature selection of open reading frame for metagenomic sequences
	Ruilin Li, University of Chinese Academy of Sciences, Beijing, China
Oral 6	Title: Bacopa monnieri alleviates paraquat induced toxicity in Drosophila by inhibiting JNK mediated apoptosis through improved mitochondrial function and stabilization
	Amal Chandra Mondal, Jawaharlal Nehru University, New Delhi, India
Oral 7	Title: Molecular Docking studies of compounds from medicinal plants on Lassa fever virus
	Ohaeri Uchechukwu , University of Jos, Nigeria
Oral 8	Title: Computational analog mapping for cckb receptor in gastric carcinoma
	Zohaib Bashir, Capital University of science and Technology, Isalamabad, Pakistan
Networking & Refreshment Break, 15:45-16:00	
Oral 9	Title: DUMP: A Database of unique metabolic pathways
	Fareha Masood,University of Karachi, Pakistan
Oral 10	Title: Targeting autophagy ULK1 Ser/Thr protein kinase through network analysis and E- pharmacophore modeling, molecular dynamics simulation Approach
	Anantha Krishnan Dhanabalan,University of Madras, Chennai, Tamilnadu, India
Panel Discussion	
Day 2	
21-Mar-19	
Keynote Forum	
	Introduction
Keynote Forum	Title: Transcriptome analysis to identify disease resistance genes through novel next generation sequencing applications for the predictive medicine
	Dr.C.N.Prashantha, REVA University, Bangalore, India
Keynote Forum	Slot Available
Networking & Refreshment Break, 11:00-11:15	
	Compuataional Biology, Homology Modeling, Next Generation Sequencing
Oral 1	Conserved epitopes of DENV structural and non-structural proteins for exploring universal vaccine targets
	Mansi Verma ,Sri Venkateswara College, Delhi University, India
Oral 2	Emerging trends and advances in methodologies and techniques in proteomics
	Abhishikt David Solomon, Sam Higginbottom University of Agriculture, India
Oral 3	Title:Binding mechanism of synthesized 5β-dihydrocortisol and 5β-dihydrocortisol acetate with human serum albumin to understand their role in breast cancer
	Monika, Rayalaseema University, Kurnool, India
Lunch Break: 12:00-13:45	
Oral 4	Title: Production of a prodigious drug with anticancer and immunosuppressive properties
	Girish Pendharkar , KBC North Maharashtra University, Jalgaon, India
Oral 5	Title:In Silico studies on development of novel pterin base inhibitors against meningitis disease
	Vaibhav B. Sabale, K.B.C. North Maharashtra University, Jalgaon, India
Oral 6	Slots Available
Oral 7	Slots Available
Networking & Refreshment Break 15:45 - 16:15	
Poster Presentations(16:15-17:00)	
P1	Title: Computational screening of potent anti-dengue inhibitors against dengue ns2b/ns3 protease
	A.JainulFathima , Kalasalingam Academy of Research and Education, India
P2	Title: In silco analysis of HAND transcription factor modulated during cardiac hypertrophy
	Shouhartha Choudhury, Assam University, Silchar, India
P3	Slot Available
Panel Discussion	
Award Ceremony	



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