Meetings International

International Conference on

Bioinformatics & System Biology

&

3rd International Conference on

Surgery & Anaesthesia

March 20-21, 2019 | Singapore City, Singapore



March 20, 2019 | **Conference Agenda** | **Day 1**

Conference Hall: Katong Room Level 3

08:30-09:00	**Registration**
09:00-09:15	**Introduction**
09:15-10:00	**Keynote Workshop** **Title: Bioinformatics & its tools** **Mansi Verma**, Sri Venkateswara College, Delhi University, India
10:00-10:40	**Keynote Forum** **Title: Bioinformatics as a vital tool for International peace and national development: The need for its inclusion in United Nation's charter** **M C Saxena**, Dr. M C Saxena Group of Colleges, India

Networking & Refreshment Break 10:40-11:00 @ Foyer

11:00-11:40	**Title: Structural studies of G protein coupled receptors by using molecular dynamics simulation and docking studies** **Marlet Martinez**, Instituto Politecnico National (National Polytechnic Institute), Mexico
11:40-12:20	**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
12:20-13:00	**Title: Potential leads in Tuberculosis management using bioinformatics tools** **Namarta Agarwal**, Dr. M C Saxena Group of Colleges, India

Group Photo & Networking-Lunch Break 13:00-14:00 @ Feast @ East Restaurant

Oral Session I:
Bioinformatics and Computational Biology| Drug Design and Developnment | Molecular Modeling | Structural & Evolutionary Bioinformatics | Emerging Trends in Proteomics

Session Chair: **Marlet Martinez**, Instituto Politecnico National, Mexico
Session Co-chair: **Mukesh Chandra Saxena**, Dr. M.C. Saxena Group of Colleges, India

14:00-14:30	**Title: Structural insights of HDAC6 deacetylase catalytic domains** **Yudibeth Sixto-Lopez**, Instituto Politecnico National (National Polytechnic Institute), Mexico

14:30-15:00

Title: In silico identified immunogenic Ebola nucleoprotein peptides elicit immune response

Sahil Jain, Thapar Institute of Engineering and Technology, India

15:00-15:30

Title: 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

15:30-16:00

Title: Structural importance of the additional metal binding site in HDAC1

Yudibeth Sixto-Lopez, Instituto Politecnico National (National Polytechnic Institute), Mexico

Networking & Refreshment Break 16:00-16:20 @ Foyer

16:20-16:50

Title: Recommendations of somatic variants detection with Next-generation sequencing (NGS) data

Xiaoyu He, Chinese Academy of Sciences, China

16:50-17:20

Title: Emerging trends and advances in methodologies and techniques in proteomics

Abhishikt David Solomon, Sam Higginbottom University of Agriculture, India

17:20-17:50

Title: Gene prediction algorithm based on feature selection of open reading frame for metagenomic sequences

Ruilin Li, Chinese Academy of Sciences, China

17:50-18:10

Video Presentation

Title: Computational screening of potent anti-dengue inhibitors against Dengue NS2B/NS3 protease

Jainul Fathima, Kalasalingam Academy of Research and Education, India

Session Adjournment

March 21, 2019 | **Conference Agenda** | **Day 2**

Conference Hall: Katong Room Level 3

08:30-09:00 **Registration**

09:00-09:20 **Introduction**

09:20-10:00

Keynote Forum

Title: Prospective application of bioinformatics in the treatment of Alzheimer's disease

Namarta Agarwal, Dr. M C Saxena Group of Colleges, India

10:00-10:40

Title: MD simulations of estrogen receptors (ER) and docking analysis of DPN analogues reveal insights about subtype-receptor selectivity

Marlet Martinez, Instituto Politecnico National (National Polytechnic Institute), Mexico

Networking & Refreshment Break 10:40-11:00 @ Foyer

11:00-11:40

Title:Biometric identification in the elimination of proxy candidate in medical education in India

L.Shekar Saxena, Dr. M.C. Saxena Group of Colleges, Lucknow, India

11:40-12:20

Title: Conserved epitopes of DENV structural and non-structural proteins for exploring universal vaccine targets

Mansi Verma, Sri Venkateswara College, Delhi University, India

12:20-13:00

Title:Bioinformatics application in the non-conventional treatment of Leukaemic patient

Namarta Agarwal, Dr. M C Saxena Group of Colleges, India

Group Photo, Networking & Lunch Break 13:00-14:00 @ Feast @ East Restaurant

14:00-14:40

Title: The value of modern surgery in multidisciplinary and comprehensive treatment of head and neck cancer

Chao Li, University of Electronic Science and Technology of China, China

14:40-15:20

Title: Intra-operative imaging in surgery

Chiheb Dahmani, Advanced Therapies Department, Siemens Healthcare Pte. Ltd., Singapore

Oral Session II:
Laparoscopic Gallbladder Surgery

14:00-14:30

Title: Abdominal cocoon and adhesiolysis: A case report and a literature review

Gopinath, Care hospitals, India

15:40-16:00

Young Researchers Forum

Title: Role of plasma C - reactive protein in predicting the severity grade of acute cholecystitis and its correlation with the histopathology

Imad Ali, Aligarh Muslim University, India

16:00-16:20

Title: A rare perforated gastrointestinal stromal tumor in the jejunum

Jan Edward P Albano, East Avenue Medical Center, Philippines

Conference Adjournment