

IEEE Region 10 AdHoc Committee on Entrepreneurship, Internship and Innovation
WORKSHOP ON

**INNOVATIONS IN
FORENSIC, BIOMEDICAL & HEALTH BIOINFORMATICS**



Twentieth Century witnessed the revolution of Information Technology; observers say that Human Civilization is in the verge of witnessing the Bio-medical Revolution in the Twenty-first Century. There some Common & fatal Diseases, which if detected at early stage, can be prevented to be fatal and difficult to cure. Bioinformatics also has a wide spectrum of utility in Forensic science especially in DNA Forensics area where the identification of DNA Profiles becomes a challenge. This workshop is aimed towards a special keynote on Biomedical and Health Bioinformatics and discussion on Role of informatics in Genetic Predisposition analysis and expert systems for screening and Insilco Health Risk assessment.

Attendees with interest in following areas are invited to attend

Medical Informatics, Forensic Bioinformatics, Signal Processing approach in Biology
Health Informatics, Computational Biology, Medicine, Bioinformatics, Medical Informatics

Program structure

Date and Time – 26-11-2016 , 10.00-1500,
Venue- LHS-LT, Level 1, HIVES, NTU, Singapore

Schedule

10.00 – 10.45 ---- Registration and High Tea

10:45 – 11:30 ---- *Big genomics and clinical data analytics strategies for precision disease outcome prediction*

*Dr. KUZNETSOV Vladimir, Principal Scientist and Head of the Genome and Gene Expression Data Analysis Division BII, A*STAR- Singapore*

11:30 – 12:25 ---- *Biomedical and Clinical App Labs: Revolutionizing Smartphones into Pocket Lab Equipment*

*Dr. Gan Samuel Ken, Antibody and Product Development Division at the Bioinformatics Institute (BII), A*STAR – Singapore*

12:25 – 13:25 ---- Lunch

13:25 – 14:10 ---- *How Consumer Electronics is changing the face of Healthcare*

Dr. Stefan Mozar, Dynexsys, Sydney Australia, Fellow- IEEE

14:10 – 15:00 ---- *Translational and Health Bioinformatics in Biomedical Era – Where do we stand?*

Panel Discussion

Dr. Stefan Mozar, Dynexsys, Sydney Australia

Dr Amit Kumar, BioAxis DNA Research Centre – Hyderabad, India

Dr Gan Samuel Ken, ASTAR – Singapore

Dr Kuznetson Vladimir, ASTAR – Singapore

15:00 - DISPERSE AND CERTIFICATION

Registration: Limited Seats. Attending this workshop is free but RSVP is must by 15th November 2016. Register Here: <https://goo.gl/jhCrIZ>, Website: <http://fhb.dnares.in/>

Organizers

Amit Kumar, CEO- BioAxis DNA Research Centre (P) Ltd, Hyderabad India
Convener- IEEE Region 10 Adhoc committee on Entrepreneurship, Internship and Innovation (EII)

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Stefan Mozar – Chair- IEEE R10 EII – Innovations Subcommittee

Past President – IEEE Consumer Electronics Society, Email: s.mozar@ieee.org