

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 , 10.00-1430, Venue- NTU, Singapore

Agenda

09.00 – 10.00 ---- Registration and High Tea :

10:00 – 10:45 ---- Talk 1 - Dr. KUZNETSOV Vladimir, Principal Scientist and Head of the Genome and Gene Expression Data Analysis Division BII, A*STAR- Singapore

Talk Title - Big genomics and clinical data analytics strategies for precision disease outcome prediction

10:45 – 11:30 ---- Talk 2 – Dr. Gan Samuel Ken, Antibody and Product Development Division at the Bioinformatics Institute (BII), A*STAR – Singapore

Talk Title - Biomedical and Clinical App Labs: Revolutionizing Smartphones into Pocket Lab Equipment

11:30 – 12:00: Networking Tea Break

12:30 – 12:45 ---- Talk 3 – Dr. Stefan Mozar, Dynexsys, Sydney Australia

Talk title - How Consumer Electronics is changing the face of Healthcare

12:45 – 13:30 ---- *Panel Discussion*

Translational and Health Bioinformatics in Biomedical Era – Where do we stand?

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

13:30 – 1430 – Lunch and Disperse

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

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