Joint Meeting on
6th World Congress on
Human Genetics and Genetic Diseases
April 08-09, 2019 Abu Dhabi, UAE
&
12th World Conference on
Human Genomics and Genomic Medicine
April 08-09, 2019 Abu Dhabi, UAE
Day 1   April 08, 2019

08:30-09:00  Registrations

Hall

09:00-09:30  Opening Ceremony

Keynote Forum

09:30-10:30  Title: Super resolution imaging system for DNA sequencing, genotyping and proteomics
Manohar Furtado, Apton Biosystems Inc, USA

10:30-11:30  Title: Personalised medicine: Rays of hopes to cure of cancer
Pravin D Potdar, Dr A P J Abdul Kalam Research Institute, India

Networking and Refreshments Break with Group Photo 11:30-12:00 @ Foyer

Sessions: Human Genetics | Gene Mutation | Genetic Diseases | Cancer Genetics | DNA Sequencing | Medical Genetics | Stem Cell Therapy | Bioinformatics and Computational Biology | Genome Editing | Sickle Cell Anemia | Genomics

Session Chair:

12:00-12:30  The Massively parallel next generation sequencing to investigate the cis-acting genetic modifiers of somatic instability in huntington's disease
Asma M Alshammari, Kuwait Medical Genetic Centre, UAE

12:30-13:00  Title: Allele amplification failure in the HBB gene due to allelic dropout in a pre-preimplantation genetic testing (pre-PGT) case
Mariam Fida, Arabian Gulf University, Bahrain

13:00-13:30  Title: Association of MMP2 gene polymorphisms (-735c/t and -1306c/t) in preeclamptic patients in Indian population
Manisha Mishra, All India Institute of Medical Sciences, India

Lunch Break: 13:30-14:30 @ Restaurant

14:30-15:00  Title: Molecular characterization of families affected with autosomal recessive primary microcephaly
Sarah Sabir, Kinnaird College for Women, Pakistan

15:00-15:30  Title: One-step multiplex PCR-based method for preimplantation genetic diagnosis with HLA typing
Kiyana Sadat fatemi, Kawsar Human Genetics Research Center, Iran

15:30-16:00  Title: The role of xenobiotic enzyme genes in predicting fetal loss syndrome in Uzbekistan
Mavlynova N.N, Ministry of Health of the Republic, Uzbekistan

16:00-16:30  Title: Modelling neurodevelopmental disorders in a dish
Hilde Van Esch, KU Leuven, Belgium

Networking & Refreshment Break: 16:30-17:00 @ Foyer

17:00-17:30  Title: A novel infram deletion in MSH6gene in glioma: Conversation on MSH6 mutations in brain tumors
Zeinab Deris Zayeri, Ahvaz Jundishapur University, Iran

17:30-18:00  Title: Gene expression signatures identify novel regulatory genes and signaling pathways in young hypertensive patients making them susceptible to develop premature coronary heart disease
Salma Ahmadloo, Shahid Beheshti University, IRAN

3 Speaker Slots Available

Panel Discussion
**Keynote Forum**

09:30-10:30  
**Title: Recent developments in neurofibromatosis Type 1 and rasopathies: Novel therapeutic targets**  
Meena Upadhyaya, Cardiff University, UK  

Networking & Refreshment Break: 10:30-11:00 @ Foyer

11:00-12:00  
**Title: What is involuntary moral enhancement?**  
Vojin Rakić, University of Belgrade, Serbia  

Lunch Break: 12:00-13:00 @ Restaurant

**Sessions:** Immunogenetics | Thalassemia | Genetic Diseases | Human Genetics | Nutrigenomics | Human Evolutionary Genetics | Pharmacogenomics and Pharmacogenetics | Regenerative Medicine | Genetic Counseling | Neurogenetics | Epigenetics | Behavioural Genetics

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**Session Chair: TBA**

13:00-13:30  
**Role of silver nanoparticles and gold nanoparticles in precision medicine**  
Janet Premlata Jeyapal, Dr Jeyapaul Cancer Foundation Trust, India

13:30-14:00  
**Title: Attitudes toward pre-implantation genetic diagnosis vs. Pre-natal diagnosis in Saudi Arabian couples with children with genetic disorders**  
Fawz ALHarthi, King Saudi Medical City, Saudi Arabia

14:00-14:30  
**Title: The role of the polymorphic variant of the iie 105VAL genes of the GSTP1 in the mechanism of the development of allergic skin diseases in Uzbekistan**  
Mavlyanova Sh.Z, Ministry of Health of the Republic, Uzbekistan

14:30-15:00  
**Title: A family cases report of tyrosinemia Type-1 from najran province of saudi arabia**  
Mohammed Chyad Al-Noaemi, Al-Ghad International College, Saudi Arabia

15:00-15:30  
**Title: Polymorphisms in CDKN2B-ASL gene confer a risk for myocardial infarction in Pakistani population**  
Riffat Iqbal, Government College University, Pakistan

15:30-16:00  
**Title: Besides the association with obesity, the FTO rs1421085 variant interacts with obesity to influence metabolic traits and physical activity**  
Adil Anwar Bhatti, University of Karachi, Pakistan

16:00-16:30  
**Title: E-babe- high glucose–induced ROS activates TRPM2 to regulate organelle zinc homeostasis and mitochondrial fragmentation**  
Nada Abuarab, King Saud Bin Abdul-Aziz University for Health Sciences, Saudi Arabia

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**5 Speaker Slots Available**

**Poster Presentation (17:00-18:00)**

- **P-01**  
  **Title: To indicators of the detection of alleles and genotypes of polymorphism (rs1695) iie 105 VALFGB gene in pregnant women in Uzbekistan**  
  Mavlyanova N.N., Ministry of Health of the Republic, Uzbekistan

- **P-02**  
  **Title: Role of vitamin D receptor (VDR) gene in rheumatoid arthritis**  
  Aisha Aman, Abdul Wall Khan University Mardan, Pakistan

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**Panel Discussion**

**Awards & Closing Ceremony**