Scientific Program

Joint Meeting on

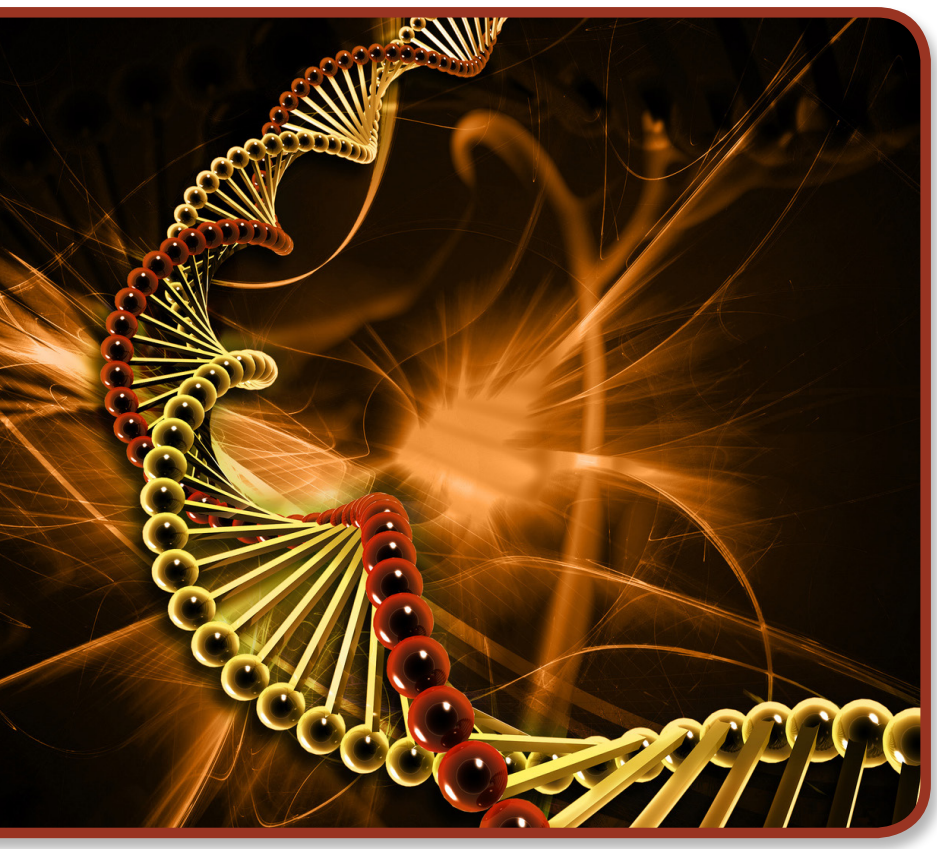
6th World Congress on

HUMAN GENETICS AND GENETIC DISEASES

&

HUMAN GENOMICS AND GENOMIC MEDICINE

April 08-09, 2019 | Abu Dhabi, UAE



HUMAN GENETICS & GENOME MEET 2019

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Monday 08th April 2019 | **Day 1**

08:00-08:30 Registration Opens

Hall

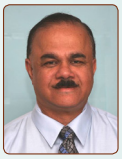
08:30-09:00 Opening Ceremony

09:00-10:00

Keynote Presentation

Title: Super resolution imaging system for DNA sequencing, genotyping and proteomics

Manohar R Furtado, Apton Biosystems Inc., USA



10:00-11:00

Keynote Presentation

Title: Personalised medicine: Rays of hopes to cure of cancer

Pravin D Potdar, Dr A P J Abdul Kalam Research Institute, India

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

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 | Regenerative Medicine

Session Chair: **Mohammed Chyad Al-Noaemi,** Al-Ghad International College, Saudi Arabia

11:30-12:00

Title: 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, Kuwait

12:00-12:30

Title: Allele amplification failure in the *HBB* gene due to allelic dropout in a pre-preimplantation genetic testing case

Mariam Fida, Al Jawhara Center, Bahrain

12:30-13:00

Title: Modelling neuro developmental disorders in a dish

Hilde Van Esch, Katholieke Universiteit Leuven, Belgium

Lunch Break 13:00-14:00 @ Restaurant

14:00-14:30

Title: Association of *MMP2* polymorphisms in preeclampsia

Manisha Mishra, All India Institute of Medical Sciences, India

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: Genetic markers associated with inflammatory bowel disease- detection of NOD1, 2 mutations in inflammatory bowel disease among Sudanese patients

Asmaa AlFadil Hassan Khalifa, University of Medical Sciences and Technology, Sudan

15:30-16:00 Networking and Refreshments Break @ Foyer

16:00-16:30

Title: The role of xenobiotic enzyme genes in predicting fetal loss syndrome in Uzbekistan

Nigora Mavlyanova, Ministry of Health of the Republic of Uzbekistan, Uzbekistan

16:30-17:00

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

Panel Discussion

Tuesday 09th April 2019 | **Day 2**

Hall

09:30-10:30

Keynote Presentation
Title: What is involuntary moral enhancement?
Vojin Rakić, Center for the Study of Bioethics- University of Belgrade, Serbia

10:30-11:00 Networking and Refreshments Break

11:00-12:00

Keynote Presentation
Title: Recent developments in neurofibromatosis type 1 and RASopathies: Novel therapeutic targets
Meena Upadhyaya, Cardiff University, UK

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

Session Chair: **Mariam Fida,** Arabian Gulf University, Bahrain

12:00-12:30

Title: A family cases report of tyrosinemia type-1 from Najran province of Saudi Arabia
Mohammed Chyad Hammoodi Al-Noaemi, Al-Ghad International College for Applied Medical Sciences, KSA

12:30-13:00

Title: Genome sequencing by MGI
Budoor Alqarni, MGI Tech Middle East- DMCC, UAE

Lunch Break 13:00-14:00 @ Restaurant

14:00-14:30

Title: A novel infram deletion in *MSH6* gene in glioma: Conversation on *MSH6* mutations in brain tumors
Zeinab Deris Zayeri, Ahvaz Jundishapur University of Medical Sciences, Iran

14:30-15:00

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

15:00-15:30

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

15:30-16:00 Networking and Refreshments Break @ Foyer

16:00-16:30

Title: 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

16:30-17:00

Title: The role of the polymorphic variant of the *Ile 105Val* genes of the GSTP1 in the mechanism of the development of allergic skin diseases in Uzbekistan
Mavlyanova Shakhnoza Zakirovna, Ministry of Health of the Republic of Uzbekistan, Uzbekistan

Poster Presentations (17:00-17:30)

P-1

Title: To indicators of the detection of alleles and genotypes of polymorphism (rs1695) Ile 105 Val *FGB* gene in pregnant women in Uzbekistan
Nigora Mavlyanova, Ministry of Health of the Republic of Uzbekistan, Uzbekistan

Panel Discussion

CITY ATTRACTIONS