

Day 1

Saturday 13.3.2010

- 08.00 – 09.30 Registration
09.30 – 10.20 Opening Ceremony
10.20 – 10.30 Exhibition Inauguration
10.30 – 11.00 Coffee Break

Session 1 Governance Challenges of Genomic Applications

11.00 – 11.30 **Governance Challenges of Genomic Applications in Healthcare Systems**

[K1]

Mohammad Afzal

World Health Organization, Cairo, Egypt

11.30 – 12.00 **Regulation of Genomic Research in Abu Dhabi**

[L1]

Wafa A El-Adhami

Health Authority – Abu Dhabi, United Arab Emirates

12.00 – 13.30 Lunch Break

Session 2 Genetic Disorders: Analysis

13.30 – 13.50 **Consanguinity and Reproductive Health among Arabs**

[K2]

Ghazi O Tadmouri

Centre for Arab Genomic Studies, Dubai, United Arab Emirates

13.50 – 14.10 **Population Genomics of Hearing Loss in the Palestinian Population: A Model for Genetic Heterogeneity**

[K3]

Moien Kanaan

Bethlehem University, Palestine

14.10 – 14.30 **The EFR Project: A Collaborative Network to Establish an Arabian Biobank Resource to Identify Disease Genes of Indigenous Populations** [L2]
 Habiba Al Safar
Dubai Police General Head Quarters, Dubai, United Arab Emirates

14.30 – 14.50 **Cellular Organelle Disease Genomics: The ER-Associated Protein Degradation (ERAD) is a Major Mechanism Underlying Numerous Human Genetic Disorders** [L3]
 Bassam R Ali
UAE University, Al Ain, United Arab Emirates

14.50 – 15.10 **Genetic Disorders in Syria** [L4]
 Rami A Jarjour
Atomic Energy Commission of Syria, Damascus, Syria

15.10 – 15.30 **Linkage Mapping and Mutation Screening in Two Families with Autosomal Recessive Non-Syndromic Mental Retardation** [L5]
 Suzanne Giesebrecht
Institute of Human Genetics, Bonn, Germany

15.30 – 16.00 Coffee Break

Session 3 Emerging Technologies and Integration into Healthcare

16.00 – 16.20 **Novel Insight into Genomic Medicine: From Diagnosis to Tailored Therapy** [K4]
 Fahd Al-Mulla
Kuwait University, Kuwait

16.20 – 16.40 **The Application of Proteomics for Kidney Disease Diagnostics; Global Differential Protein Expression Profiling of Serum in FSGS Families** [L6]
 Chaker Adra
Stem Cell Therapy Program, King Faisal Specialist Hospital and Research Centre, Riyadh, Saudi Arabia

16.40 – 17.00

**Mobile Elements Create Structural Variation:
Analysis of a Complete Human Genome**

Abdel Halim AF Salem Deifalla
Arabian Gulf University, Manama, Bahrain

[L7]

17.00 – 17.20

A Novel Immune System Mediator

Safa Taha
*HH Princess Al-Jawhara Centre for Molecular Medicine,
Genetics and Inherited Diseases, Manama, Bahrain*

[L8]

Day 2

Sunday 14.3.2010

Session 4 Newborn Screening and Genetic Disease Control Programs

09.00 – 09.20 **United Arab Emirates National Newborn Screening Program: An Evaluation (1995 – 2009)** [L9]

Mohamed Salah El-Den
Ministry of Health, Abu Dhabi, United Arab Emirates

09.20 – 09.40 **The Bahrain Program to Control Genetic Blood Diseases: 1984-2010** [L10]

Shaikha Al-Arrayed
Salmaniya Medical Complex, Manama, Bahrain

Session 5 Open Clinic Session

09.40 – 10.00 **Modern Approaches in Genetic Diagnostics in Kuwait** [K5]

Sadika Al-Awadi
Kuwait Medical Genetics Center, Kuwait

10.00 – 10.20 **Childhood Short Stature: Approach to Evaluation and Diagnosis in a Genetic Counseling Clinic** [K6]

Hanan Hamamy
Geneva University Hospital, Switzerland

10.20 – 10.40 **Mild Phenotype of Mucopolidosis Type III** [K7]

Fatma Al-Jasmi
United Arab Emirates University, United Arab Emirates

10.40 – 11.00 **An Autosomal Recessive Syndrome of Severe Mental Retardation, Dysmorphic Facies and Skeletal Abnormalities Maps to the Long Arm of Chromosome 17** [L11]

Mohammed Al-Owain
King Faisal Specialist Hospital and Research Centre, Riyadh, Saudi Arabia

11.00 – 11.30 Coffee Break

11.30 – 11.50 **A Novel Homozygous Missense Mutation of the Leptin Gene (N103K) in an Obese Egyptian Patient**

Mona El-Gammal
National Research Centre, Cairo, Egypt

[L12]

11.50 – 12.10 **Baraitser Syndrome: A New Case**

Faouzi Maazoul
Charles Nicolle Hospital, Tunis, Tunisia

[L13]

12.10 – 12.30 **Delineation of de novo Copy-Number Variations in a Number of Cases with Genetic Disorders**

Jamil Al-Alami
Shaffallah Medical Genetics Center, Doha, Qatar

[L14]

12.30 – 14.00 Lunch Break

Session 6 Role of Media in Genetic Literacy

(Arabic, open to public attendance)

14.00 – 16.30 Roundtable discussion

16.30 – 17.00 **Closing Ceremony**