

6th INTERNATIONAL MIDDLE EAST **GENETICS AND METABOLIC**

ACADEMY (MEGMA) SYMPOSIUM



30 October - 1 November 2025

The Hotel Galleria – Curio Collection by Hilton Jeddah, KSA

Day 1

Thursday 30 October

Clinical, Biochemical and Laboratory genetics

07:30 - 08:00

Registration 



Time KSA

Topic & Speaker

Moderator: to be determined (TBD)

08:30 - 09:00

Opening Ceremony
Prof. Majid Alfadhel - KSA

09:00 - 09:30

**N-acetyl-L-leucine (Aqneursa) as a Potential novel treatment
For Niemann-Pick Disease Type C**
Prof. Marc Patterson - USA

09:30 - 09:55

**Gene Therapy for Rare Diseases: Focus on Lysosomal Storage
Disorders (LSD's)**
Prof. Moeenaldeen AlSayed - KSA

09:55 - 10:20

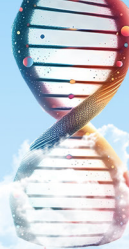
**Sponsored scientific lecture title to be determined
TBD**

10:20 - 10:30

Discussion

10:30 - 10:50

Coffee break



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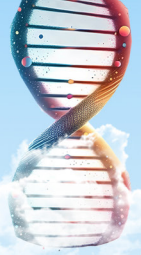
10:50 - 11:15	MENA Founder Variants: Advancing Precision Medicine and Drug Innovation Prof. Tawfeg Ben-Omran - Qatar
11:15 - 11:40	Sponsored scientific lecture title to be determined TBD
11:40 - 12:00	Oral presentation lecture chosen from the link by scientific committee TBD
12:00 - 12:10	Discussion
12:10 - 13:30	Lunch break

Moderator: to be determined (TBD)

13:30 - 13:55	Developing a National Policy for Genetic Diseases: the Saudi Project Prof. Zuhair Al-Hassnan KSA
13:55 - 14:20	Sponsored scientific lecture title to be determine TBD
14:20 - 14:40	Oral presentation lecture chosen from the link by scientific committee TBD
14:40 - 15:00	Oral presentation lecture chosen from the link by scientific committee TBD
15:00 - 15:10	Discussion
15:10 - 15:30	Coffee break



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15:30 - 15:55	Riboflavin Transporter Deficiency: a Regional Cohort with Longitudinal Follow Up Dr. Khalid Al-Thihli - Oman
15:55 - 16:20	Sponsored scientific lecture title to be determined TBD
16:20 - 16:45	Sponsored scientific lecture title to be determined TBD
16:45 - 16:55	Discussion
18:00 - 20:00	Gala Dinner All attendees
20:00 - 20:05	Closure of the first day



Day 2
Friday 31 October

Clinical, Biochemical and Laboratory genetics

07:30 - 09:00 *Registration* 



Time KSA

Topic & Speaker

Moderator: to be determined (TBD)

08:30 - 10:30	Genetic Counselling Workshop TBD
10:30 - 10:40	Discussion
10:40 - 11:00	Coffee break

Moderator: to be determined (TBD)

11:00 - 11:25	Treatment Outcome Following Miglustat Therapy in Patients with Niemann-Pick Disease Type C Prof. Marc Patterson - USA
11:25 - 11:45	Oral presentation lecture chosen from the link by scientific committee TBD
11:45 - 12:05	Oral presentation lecture chosen from the link by scientific committee TBD
12:05 - 12:15	Discussion
12:15 - 14:00	Friday Prayer and Lunch break



Day 2
Friday 31 October

Clinical, Biochemical and Laboratory genetics



Time KSA

Topic & Speaker

Moderator: to be determined (TBD)

14:00 - 14:25	A Novel Metabolic Syndrome with Severe Dilated Cardiomyopathy and Edwards-Like Phenotype Prof. Malak Alghamdi - KSA
14:25 - 14:50	Familial Obesity Driven the Uncontrolled Lipid Droplets Enlargement in Adipocytes Prof. Bruno Reversade - KSA
14:50 - 15:15	Clinical applications of Long Read Sequencing Dr. Ahmad Abou Tayon - UAE
15:15 - 15:25	Discussion
15:25 - 15:45	Coffee break

Moderator: to be determined (TBD)

15:45 - 16:10	Sponsored scientific lecture title to be determined TBD
16:10 - 16:35	Sponsored scientific lecture title to be determined TBD
16:35 - 16:55	Oral presentation lecture chosen from the link by scientific committee TBD
16:55 - 17:05	Discussion
17:05 - 17:10	Closure of the second day
17:10 - 18:00	Poster Walk



Day 3

Saturday 1 November

Clinical, Biochemical and Laboratory genetics

07:30 - 09:00

Registration 



Time KSA

Topic & Speaker

Moderator: to be determined (TBD)

09:00 - 09:25 **Sponsored scientific lecture title to be determined**
TBD

09:25 - 09:45 **Oral presentation lecture chosen from the link by scientific committee**
TBD

09:45 - 10:10 **Risk and potential ChatGpt in scientific publishing**
Prof. Marc Patterson - USA

10:10 - 10:30 **Oral presentation lecture chosen from the link by scientific committee**
TBD

10:30 - 10:40 **Discussion**

10:40 - 11:00 **Coffee break**

Moderator: to be determined (TBD)

11:00 - 11:25 **The Long and Short of it: Local Experience with Sequencing Technology?**
Prof. Fowzan Alkuraya - KSA

11:25 - 11:50 **AI_Powered Precision: AI for rare diseases**
Prof. Fatma AlJasmi - UAE

11:50 - 12:15 **Application of Multi-Omic in Clinical Setting: Real World Experience**
Dr. Ahmed Alfares - KSA

12:15 - 12:25 **Discussion**

12:25 - 13:30 **Lunch break**



Day 3

Saturday 1 November

Clinical, Biochemical and Laboratory genetics



Time KSA

Topic & Speaker

Moderator: to be determined (TBD)

13:30 - 13:55	Increasing Diagnostic Yield for Rare Diseases Through Next Generation Genomic Technologies Prof. Khalid Fakhro - Qatar
13:55 - 14:20	Sponsored scientific lecture title to be determined TBD
14:20 - 14:45	Oral presentation lecture chosen from the link by scientific committee TBD
14:45 - 14:55	Discussion
14:55 - 15:15	Lunch break
15:15 - 15:30	Award for the best poster Prof. Marc Patterson Prof. Majid Alfadhel
15:30 - 16:00	Closure of The Symposium