



الجمعية تحت إشراف

الهيئة السعودية للتخصصات الصحية  
Saudi Commission for Health Specialties



SSMG

الجمعية السعودية للطب الوراثي  
Saudi Society of Medical Genetics



رؤية 2030

2030

الهيئة العامة للتخطيط  
Ministry of Health

مؤتمر الجمعية السعودية للطب الوراثي السنوي

# SSMG 2022

Annual Meeting



٢٠-٢١ شعبان ١٤٤٣هـ

23- 24 March 2022

## Day 1 23 March 2022

08:00 – 08:30 | REGISTRATION

### Time

Talk

09:00 - 09:45

**Welcome talk**

**Prof. Amal Alhashem**

President of the Saudi Society of Medical Genetics

## Theme 1 Clinical Genetics

**Moderator** Dr. Ahmed Alfares

09:00 - 09:25

Long-term effectiveness of carnitine in patients with propionic acidemia (PA) and methylmalonic acidemia (MMA): a randomized clinical trial

**Prof. Majid Alfadhel**

09:30 - 09:55

IEM presenting with movement disorders: how should they be recognized, diagnosed and treated?

**Dr. Brahim Tabarki**

10:00 - 10:25

Hyperhomocysteinemia and related disorders. Clinical insights

**Dr. Fuad Al Mutairi**

10:30 - 10:45

**Coffee Break**

Day 1 23 March 2022

Time

Talk

## Advances and Updates on Treatment and Gene Therapy and Technology

	<b>Moderator</b> Prof. Amal Alhashem
10:45 - 11:05	Do we need Clinical Trials in Genetic? <b>Dr. Saleh Alghamdi</b>
11:10 - 11:35	Gene therapy in neuromuscular disorders. What's new? <b>Dr. Ahmad Bamaga</b>
11:35 - 11:55	Implementation of metagenomics (mNGS) in a clinical setting <b>Dr. Sharif Hala</b>
12:00 - 14:00	Prayer and Lunch Break / Poster Viewing Presenters

## Genetic Lessons and Recommendations from Population and Cohort Studies

	<b>Moderator</b> Dr. Hazim Najar
14:00 - 14:20	Genetic screening for primary congenital glaucoma: a public health intervention pilot study in Saudi Arabia <b>Dr. Amani Albakri</b>
14:25 - 14:45	Personalised medicine approach to familial liver diseases in Saudi Arabia <b>Dr. Abdulrahman Alhussaini</b>
14:50 - 15:10	The genetic landscape of mitochondrial diseases in Saudi Arabia: A multi-center study <b>Dr. Naif Almontashiri</b>

## Day 1 23 March 2022

### Time

### Talk

15:15 - 15:35

High yield of molecular diagnoses and an international survey of clinical outcomes in a large cohort of individuals with epilepsy

**Dr. Swaroop Aradhya**

15:40 - 16:00

Prayer

Sponsored Company Talk

16:00 - 16:20

Company 1 Al Jeel

16:25 - 16:45

Company 2 Igbiosystem

16:50 - 17:15

Company 3 Sanofi

Closing

Day 2 24 March 2022

Time

Talk

## Theme 1 Laboratory Genetics

	<b>Moderator</b> Prof. Zuhair Rahbeeni
09:00 - 09:25	Licensing a genetic lab in Saudi Arabia <b>Dr. Suha Tashkandi</b>
09:30 - 09:55	Importance of genetic findings in Kidney transplantation <b>Dr. Mohammed Alhamed</b>
10:00 - 10:25	Common disease-associated gene variants in a Saudi Arabian population <b>Dr. Mariam AlEissa</b>
10:30 - 10:45	<b>Coffee Break</b>

## Theme 2 Gene Editing / Bioinformatics

	<b>Moderator</b> Dr. Fuad Al Mutairi
10:45 - 11:05	CRISPR & Genetic Diseases: Point-of-Care Diagnostics and Beyond <b>Dr. Magdy M. Mahfouz</b>
11:10 - 11:30	Artificial intelligence approach for automatic detection of chromosomal abnormalities <b>Dr. Yahya Bokhari</b>
11:35 - 11:55	Common Pitfalls of Machine Learning Application in Genomics <b>Dr. Abdulrhman Aljoui</b>
12:00 - 13:00	<b>Prayer and Lunch Break</b>

**Day 2** 24 March 2022

**Time**

**Talk**

## Theme 3 Cancer Genetics / Reproductive Genetics

**Moderator** Dr. Mohammed Alhamed

13:00 – 13:20

The mendeliome of recurrent pregnancy loss  
**Dr. Malak Alghamdi**

13:25 – 13:45

Experiences with NGHAs Oncology's local testing  
**Dr. Ghadir AlMuhaini**

13:55 - 14:00

**Coffee Break**

Sponsored Company Talk

14:00 – 14:20

Company 1 Novartis

14:25 – 14:45

Company 2 Alborg

14: 50 - 15:10

Company 3 Genpharm / PTC

## BEST POSTER SESSION Each poster 8 minutes, 2 minutes for Q&A

15:15 – 15:25

Poster 1

15:25 – 15:35

Poster 2

15:35 – 15:45

Poster 3

15:45 - 16:10

Prayer

16:10 - 17:00

SSMG General Assembly Meeting

**Closing**



# THANK YOU SPONSORS

## Platinum Sponsorship



## Gold Sponsorship



## Silver Sponsorship



## Bronze Sponsorship

