




## MEMBS 6<sup>th</sup> ANNUAL CONGRESS 2023 - Dubai

Practical Genetic Testing for Clinical Practitioners

 July 15, 2023

 Sheikh Mohammed Bin Rashid Library, Main Auditorium

10:00 – 11:00  
Registration



11:00 – 11:30  
Opening and  
welcoming note

Dr. Zain Ali Al Yafei  
Purelab Chief Medical Officer.



11:30 – 12:00  
Ordering Genetic Tests:  
What Physicians Need To Know

Dr. Hanan Mohamed  
Consultant Clinical Genetics



12:00 – 12:45  
Genetic Material and Genetic Disease

Definitions and understanding the concept  
of quality, quantity and epigenetics.

Dr. Mazen Kenj  
Managing Director, A TO G Lab



12:45 – 13:00  
Coffee Break



13:00 – 13:45  
The Visual Genetic Methodology  
in Medical Practice

- » Cytogenetics.
- » FISH & CISH.
- » CGH & Array CGH.

Dr. Mazen Kenj  
Managing Director, A TO G Lab



13:45 – 14:30  
Lunch Break



14:30 – 15:15

### The Molecular Genetic Methodology in Medical Practice

- » PCR, RT PCR & Digital PCR.
- » Fragment analysis.
- » Sanger Sequencing.
- » The Next Generation Sequencing.

Dr. Mazen Kenj  
Managing Director, A TO G Lab

15:15 – 15:30  
Coffee Break



15:30 – 16:15

### Applying Genetics Testing for Individual and Community Health, Future, Economics and Quality of Life

- » Constitutional & Oncology.
- » Test selection and result evaluation.
- » Treatment and pharmacogenetics.
- » Reproduction, PGD, PGS & NIPT.
- » Cancer & Precision.
- » Medicine, microbiology, and infinite research.

Dr. Mazen Kenj  
Managing Director, A TO G Lab

16:15 – 16:45

### Autistic child at the hospital doorstep: Practical approach from clinical genetic perspective

Dr. Fatima AbdulAziz AlAli  
Consultant Paediatrics-  
Clinical Genetics



16:45 – 17:00

### Closing Remarks

## Keynote Speakers

### Dr. Zain Ali Al Yafei

Purelab Chief Medical Officer

### Dr. Mazen Kenj

A pioneer human cytogeneticist, a senior consultant at **MEMBS**, director of KENJ Cytogenetics Laboratories and A TO G Lab, member of ASHG and ASGCT

ORGANIZER



STRATEGIC PARTNER



PLATINUM SPONSOR



GOLDEN SPONSOR



SILVER SPONSOR



TECHNOLOGY PARTNER

