

MEMBS 6th 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

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