



MEMBS 6th ANNUAL CONGRESS 2023 - Dubai

Practical Genetic Testing for Clinical Practitioners





10:00 - 11:00 Registration





11:30 - 12:00

Ordering Genetic Tests: What Physicians Need To Know

> Dr. Hanan Mohamed Consultant Clinical Genetics



11:00 - 11:30

Opening and welcoming note

Dr. Zain Ali Al Yafei Purelab Chief Medical Officer.





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





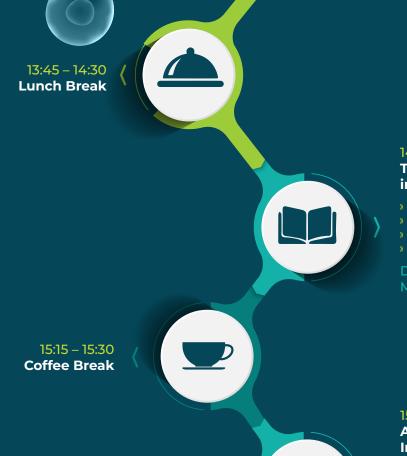


13:00 - 13:45

The Visual Genetic Methodology in Medical Practice

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

Dr. Mazen Kenj Managing Director, A TO G Lab



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

15:30 - 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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