

# Genetics in Nephrology: From DNA to kidney diseases

## Preliminary Programme

### Session 1.

- 1. Structure of DNA ) *Fatih Ozaltin*
- 2. Principles of PCR (Conventional and RT PCR) *Fatih Ozaltin*
- 3. Sequencing ( Sanger and next generation sequencing techniques ) *Corinne Antignac*

Coffee break

### Session 2

- 4. Terminology in Genetics and interpretation of data *Nurten Akarsu*
- 5. Gene hunting strategies *Nurten Akarsu*

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### Session 3

- 6. Genetics in nephrotic syndrome *Corinne Antignac*
- 7. Genetics in tubular disorders *Martin Konrad*
- 8. Genetics in cystinosis *Martin Konrad*

Coffee break

### Session 4

- 10. Genetics in aHUS *Reyhan Diz-Kucukkaya*
- 11. Genotype and Phenotype of Hyperoxaluria *Bernd Hoppe*
- 12. Genetics in periodic fever syndromes *Fatos Yalcinkaya*

### Session 5

Genetic counselling and case discussions

Meet the experts :

*Fatih Ozaltin, Nurten Akarsu and Ahmet Nayir*