

## Pre-Congress Course: Genetics Detailed Program

**SUNDAY MAY 12, 2019**

13:15	17:30	Pre-Congress Course: Genetics	4:15	Title	Speaker
13:15	13:20	Welcome and Introduction	0:05		Alejandro Iglesias (Argentina)
13:20	13:40	Conference 1	0:20	<b>Genomic testing: basic concepts and strategies. The changing paradigm: phenotype to genotype and back</b>	Alejandro Iglesias (Argentina)
13:40	14:20	Conference 2	0:40	<b>Chromosomal abnormalities in the era of genomic medicine: next generation technologies</b>	Brynn Levy (USA)
14:20	15:00	Conference 3	0:40	<b>Genomic diagnosis: single gene sequence, gene panels, whole exome and whole genome sequence: technical differences, advantages and limitations.</b>	Wayne Grody (USA)
15:00	15:10	Questions and answers	0:10		All speakers
15:10	15:40	Interval	0:30		
15:40	16:20	Conference 4	0:40	<b>ABC of mitochondrial genetics: mitochondrial DNA structure, inheritance, mtDNA mutations, deletions and associated syndromes.</b>	Dra. Carolina Fischinger Moura de Souza (Brazil)
16:20	17:00	Conference 5	0:40	<b>Prenatal diagnosis in the era of genomics.</b>	Brynn Levy (USA)
17:00	17:30	Conference 6	0:30	<b>Clinical and laboratory case presentations</b>	All speakers