

Advanced Clinical Embryology (ACE) Course
Preliminary Schedule - Academic Year 2026-2027



Teaching Module 8

“Preimplantation Genetic Testing: From Embryo Biopsy and Genetic and Molecular Diagnosis to Novel Approaches and Considerations”

Submodules	Lectures & Instructors	Date & Time
8.1	Genetic profile, analysis of the preimplantation embryo and novel approaches <i>Dagan Wells</i>	05/05/2027 5:00 p.m. – 6:00 p.m.
8.2	Preimplantation genetic testing for aneuploidy (PGT-A): Benefits, risks, and its true place in MAR <i>Eric Forman</i>	05/05/2027 6:00 p.m. – 7:00 p.m.
8.3	Aneuploidy and Developmental Arrest of the Human Preimplantation Embryo <i>Alan Handyside</i>	05/05/2027 7:00 p.m. – 8:00 p.m.
8.4	Preimplantation Genetic Testing for Monogenic Disorders (PGT-M) <i>Joanne Traeger-Synodinos</i>	12/05/2027 5:00 p.m. – 6:00 p.m.
8.5	Preimplantation Genetic Testing for Structural Rearrangements (PGT-SR) <i>Darren Griffin</i>	12/05/2027 6:00 p.m. – 7:00 p.m.
8.6	Guidelines and recommendations on optimal PGT practice <i>Dimitra Christopikou</i>	19/05/2027 5:00 p.m. – 6:00 p.m.
8.7	Tips and tricks for optimizing micromanipulations during biopsy for PGT <i>Debbie Venier</i>	19/05/2027 6:00 p.m. – 7:00 p.m.
8.8	Physiology of the preimplantation embryo post biopsy and vitrification <i>Aikaterini Chatzimeletiou</i>	19/05/2027 7:00 p.m. – 8:00 p.m.
8.9	Chromosomal mosaicism: Origins and clinical implications <i>Christian Ottolini</i>	26/05/2027 5:00 p.m. – 6:00 p.m.
8.10	Embryo ploidy status and implantation: A conundrum <i>Danilo Cimadomo</i>	26/05/2027 6:00 p.m. – 7:00 p.m.

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8.11	Non-Invasive Preimplantation Genetic Testing <i>Gary Harton</i>	26/05/2027 7:00 p.m. – 8:00 p.m.
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