

Advanced Clinical Embryology (ACE) Course
Academic Year 2025-2026



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 Dagan Wells (TBC)	6/5/2026 5:00 p.m. – 6:00 p.m.
8.2	Tips and tricks for optimizing micromanipulations during biopsy for PGT Debbie Venier	6/5/2026 6:00 p.m. – 7:00 p.m.
8.3	Aneuploidy and Developmental Arrest of the Human Preimplantation Embryo Alan Handyside	6/5/2026 7:00 p.m. – 8:00 p.m.
8.4	Preimplantation Genetic Testing for Structural Rearrangements (PGT-SR) Darren Griffin	13/5/2026 5:00 p.m. – 6:00 p.m.
8.5	Preimplantation Genetic Testing for Monogenic Disorders (PGT-M) Joanne Traeger-Synodinos	13/5/2026 6:00 p.m. – 7:00 p.m.
8.6	Preimplantation genetic testing for aneuploidy (PGT-A): Benefits, risks, and it's true place in MAR Eric Forman	20/5/2026 5:00 p.m. – 6:00 p.m.
8.7	Embryo ploidy status and implantation: A conundrum Danilo Cimadomo	20/5/2026 6:00 p.m. – 7:00 p.m.
8.8	Combining PGT-A with PGT-M: Pros and Cons Dimitra Christopikou	20/5/2026 7:00 p.m. – 8:00 p.m.
8.9	Physiology of the preimplantation embryo post biopsy and vitrification Aikaterini Chatzimeletiou	27/5/2026 5:00 p.m. – 6:00 p.m.
8.10	Chromosomal mosaicism: Origins and clinical implications Christian Ottolini	27/5/2026 6:00 p.m. – 7:00 p.m.
8.11	Non-Invasive Preimplantation Genetic Testing Gary Harton (TBC)	27/5/2026 7:00 p.m. – 8:00 p.m.