

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



Teaching Module 6

“Understanding the Embryo and Culture Systems:
Mapping of state-of-the-art Equipment and Protocols”

Submodules	Lectures & Instructors	Date & Time
6.1	Physiology and development of the preimplantation embryo <i>Mara Simopoulou</i>	4/3/2026 5:00 p.m. – 6:00 p.m.
6.2	The pyramid of successful implantation <i>Laura Rienzi</i>	4/3/2026 6:00 p.m. – 7:00 p.m.
6.3	Metabolism of the preimplantation embryo <i>Roger Sturmey (TBC)</i>	4/3/2026 7:00 p.m. – 8:00 p.m.
6.4	Culture media in IVF <i>Dean Morbeck</i>	11/3/2026 5:00 p.m. – 6:00 p.m.
6.5	Embryo culture incubators <i>Jason E. Swain</i>	11/3/2026 6:00 p.m. – 7:00 p.m.
6.6	Time-lapse imaging technology in the IVF laboratory <i>Lorena Bori Arnal - Marcos Meseguer</i>	18/3/2026 5:00 p.m. – 6:00 p.m.
6.7	The epigenetics of blastocyst culture <i>Masoud Zamani Esteki</i>	18/3/2026 6:00 p.m. – 7:00 p.m.
6.8	Embryo Culture: Past, Present and Future <i>David Gardner</i>	1/4/2026 8:00 a.m. – 9:00 a.m.