

# Advanced Course in Clinical Embryology

Academic Year 2024-2025



## **Programme of Teaching Module 6** *“Understanding the Embryo and Culture Systems: Mapping of state-of-the-art Equipment and Protocols”*

<b>Submodule</b>	<b>Lecture-Speakers</b>	<b>Date-Time</b>
6.1	Physiology and development of the preimplantation embryo <i>Mara Simopoulou</i>	<b>5/3/2025</b> 5:00 p.m – 6:00 p.m
6.2	The pyramid of successful implantation <i>Laura Rienzi</i>	<b>5/3/2025</b> 6:00 p.m – 7:00 p.m
6.3	Metabolism of the preimplantation embryo <i>Roger Sturmey</i>	<b>12/3/2025</b> 5:00 p.m – 6:00 p.m
6.4	Culture media in IVF <i>Dean Morbeck</i>	<b>12/3/2025</b> 6:00 p.m – 7:00 p.m
6.5	Embryo culture incubators <i>Jason E. Swain</i>	<b>19/3/2025</b> 5:00 p.m – 6:00 p.m
6.6	Time-lapse imaging technology in the IVF laboratory <i>Marcos Meseguer</i>	<b>19/3/2025</b> 6:00 p.m – 7:00 p.m
6.7	The epigenetics of blastocyst culture <i>Alan Handyside</i>	<b>26/3/2025</b> 5:00 p.m – 6:00 p.m
6.8	Embryo Culture: Past, Present and Future <i>David Gardner</i>	<b>2/4/2025</b> 8:00 a.m – 9:00 a.m