

WCE 2025 Pre-Congress Workshop Program: Embracing New Technologies and Collaborative Partnerships to Enhance Laboratory-Based Endometriosis Research

*As at 20 May 2025
Subject to change without notice*

0900-1200	Session One: Large Scale Collection of Patient Data and Clinical Samples for Research
0900-0920	Introduction
0920-0955	Opening Keynote Presentation <i>Dr Brett McKinnon</i>
0955-1010	Establishing Adaptive Platform Trials for a Large-Scale Program <i>Dr Akwasi Amoako</i>
1010-1025	NECST - Do's and Don'ts of Establishing a National Endometriosis Registry <i>Dr Cecilia Ng</i>
1025-1040	Menstrual Fluid, a Non-Invasive Source of Endometrial Tissue: A Case Study for Collecting Difficult but Critical Samples <i>Prof Caroline Gargett</i>
1040-1100	Panel Discussion
1100-1200	Morning Tea
1200-1300	Session Two: State-of-the-Art Techniques Using Human Tissues
1200-1215	The Value of Integrating Clinical, Surgical and Anatomical Pathology in Endometriosis Research <i>Prof Christian Becker</i>
1215-1230	scRNAseq Endometriosis Lesions <i>Mr Isaac Kyei Barffour</i>
1230-1245	Spatial Transcriptomics/Proteomics on Fresh and BIOBANKED Tissue <i>Dr Xiao Tan</i>
1245-1300	Panel Discussion
1300-1400	Lunch
1400-1500	Session Three: In Vitro Models of Endometrium and Endometriosis
1400-1420	Endometrial Epithelial Organoids: Mimicking the Menstrual Cycle <i>Dr Harriet Fitzgerald</i>
1420-1430	Assembloids and their Incarnations <i>Dr Sugarnaya Subramaniam</i>

1430-1450	In Vitro Modelling Using Microfluidics/Organ on a Chip <i>Prof Linda Griffith</i>
1450-1500	Panel Discussion
1500-1530	Afternoon Tea
1530-1600	Session Four: How to Analyse and Integrate Big Data
1530-1545	Experimental Design Impacts Data Analysis <i>Asst Prof Michael Anglesio</i>
1545-1600	Multi-OMICs: How to Integrate and Leverage Existing Datasets <i>Prof Melissa Herbst-Kralovetz</i>
1600-1700	Final Panel Discussion
1700	Workshop Concludes