

5th July 2021

Day 1 - Placental Cell Culture & Novel Technologies

Duration	Content	Speaker
10 min	Introduction	Kathy Niakan
1h	Human placental structure and development	Graham Burton
1h	Comparative placentation and evolution	Mick Elliott
1h	Cell lineage segregation (non-human primate placental development)	Thorsten Boroviak
1h	Human trophectoderm initiation and genome editing	Kathy Niakan
1h	Data drive technologies in embryo selection in IVF	Lucy van de Wiel
1h	Stem cell-based embryo models	Magdalena Zernicka-Goetz
1h	Epigenetic mechanisms	Claire Senner
	Multi-omics	Courtney Hanna
1h	Mouse placental structure and development	Erica Watson
1h	Anatomy and Development practical (mouse placenta) – different stages of embryos & placentas.	Erica Watson & Thorsten Boroviak
1.5h	Live Q&A session Part I: live presentations of 4 selected abstracts Part II: Q&A	4 selected participants All lecturers