This course is aimed at any scientist interested in placental biology.

Lecture and practical topics include:
- human & mouse placental development
- organoids
- materno-fetal interactions
- immunology
- transport
- angiogenesis
- explant cultures
- clinical study design
- stem cell embryo models
- metabolism
- history of human embryos
- grant/fellowship writing
- epigenetic mechanisms
- genome editing.

REGISTRATION

Registration deadline
1 July 2022

Student...............................£125
Postdoc................................£150
MD/DVM/Group Leader...£300
Industry................................¥500

Limited bursaries/scholarships available. Please enquire before 24th June and prior to registration.

CONTACT
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SPEAKERS

Irving Aye
Trophoblast cell isolation

Thorsten Boroviak
Cell lineage

Graham Burton
Placental development

Stephen Charnock-Jones
Placental angiogenesis

Tereza Cindrova-Davies
Placental histology & culture

Sally Collins
Placental ultrasound studies

Francesco Colucci
Placenta immunogenetics

Miguel Constancia
Mouse genetic models

Abby Fowden
Placental transport

Dino Giussani
Developmental programming

Courtney Hanna
Placental multi-omics

Nick Hopwood
History of human embryos

Naomi McGovern
Congenital infection

Ashley Moffett
Clinical immunology

Andrew Murray
Placental metabolism

Kathy Niakan
Genome editing

Claire Senner
Epigenetic mechanisms

Amanda Sferruzzi-Perri
Placental endocrinology

Andrew Sharkey
Placental immunity

Gordon Smith
Clinical study design

Erica Watson
Mouse placental development

Magdalena Zernicka-Goetz
Stem cell embryo models

Images courtesy of Irving Aye, Tereza Cindrova-Davies, Fátima Santos & Courtney Hanna