



Centre for Trophoblast Research Placental Biology Course



UNIVERSITY OF
CAMBRIDGE

11 - 15 July 2022 Online with some live sessions

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

placentalbiologycourse@pdn.cam.ac.uk

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 Constanca

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

Epigenetics 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

www.trophoblast.cam.ac.uk/placentalbiologycourse