



ANNE MCLAREN RESEARCH FUND MEETING 2020

# Synthetic gametes and germline development for science and society

17 March 2020

Christ's College, Cambridge

Anne McLaren's legacy to mammalian germline biology  
*Robin Lovell-Badge (Francis Crick Institute)*

The origin and development of the mammalian germline  
*Liz Robertson (Oxford)*

How to build a primate: modelling embryogenesis in a dish  
*Thorsten Boroviak*

Mitochondrial inheritance, germline purification and disease: can we fix it?  
*Mary Herbert (Newcastle)*

Reconstructing mammalian embryos from stem cells  
*Magdalena Zernicka-Goetz (Cambridge)*

Human germline in vitro models for development and the epigenetic programme  
*Naoko Irie (Cambridge)*

The legal situation with regard to the generation of synthetic gametes from somatic stem cells  
*Emily Jackson (LSE)*

Ethics of germline research: gene editing and synthetic gametes  
*Sarah Chan (Edinburgh)*

A sociology of artificial gametogenesis  
*Noémie Merleau-Ponty (Cambridge)*

Panel discussion

*Robert Bud (Science Museum), Kathy Liddell (Cambridge), Amarpreet Kaur (Cambridge), Sarah Chan (Edinburgh), Robin Lovell-Badge (Francis Crick Institute), Thorsten Boroviak (Cambridge)*

More information: [www.repro.cam.ac.uk/anne-mclaren-2020](http://www.repro.cam.ac.uk/anne-mclaren-2020)