



Embryologist, Postdoctoral Fellow or Research Assistant Cambridge, UK

Bourn Hall Clinic near Cambridge was founded in 1980 by in vitro fertilization (IVF) pioneers Patrick Steptoe, Jean Purdy and Nobel Prize winner Sir Robert Edwards as the world's first IVF centre.

Dr Melina Schuh, Director at the Max Planck Institute for Biophysical Chemistry (MPI-BPC) in Göttingen, Germany, has established a state-of-the-art research laboratory at Bourn Hall Clinic, in order to investigate meiosis in live human oocytes and to understand how aneuploidy, a leading cause of pregnancy loss and several congenital disorders such as Down's syndrome, arises in eggs (Holubcova et al., Science 2015; Zielinska et al, Elife 2015; Mogessie & Schuh, Science 2017; Zielinska et al, Curr Biol 2018, Cavazza et al., Cell 2021).

We seek an embryologist, postdoctoral fellow, or research assistant to carry out pioneering research on unfertilised human oocytes in our satellite laboratory at Bourn Hall.

Your main responsibilities will involve:

- Studies of meiosis in live human oocytes (using light sheet microscopy)
- Vitrification and fixation of human oocytes
- Micromanipulation and microinjection of human oocytes
- Management of the satellite laboratory at Bourn Hall Clinic
- Close interactions and coordination with the clinical team in Bourn Hall Clinic
- Collaboration with Dr Schuh's team at the MPI-BPC
- Data analysis

We seek to appoint someone with a background in Cell Biology, Embryology or Developmental Biology. Experience with live cell microscopy and/or handling of oocytes are desired, but not strictly necessary, as training can be carried out in our main lab at the MPI BPC in Germany. The successful candidate is expected to be highly motivated, able to work independently, have strong communication skills, and enjoy collaborating with others.

The salary is competitive and subject to skills and experience. A part-time position may be possible.

The initial appointment is fixed-term for 3 years and the starting date is flexible.

Interested candidates should send their applications including a CV with a list of publications (if applicable), a motivation letter, and request 3 letters of recommendation to be sent directly by their referees, preferably **via e-mail** to

Email: advert@mpibpc.mpg.de

For further questions please contact Dr. Lena Wartosch (lana.wartosch@mpibpc.mpg.de)

The closing date for applications is Monday, 31 January 2022