

ASHBi SEMINAR

Seeing is believing: new insights into causes of aneuploidy in mouse and human eggs

Lecturer: **Dr. Agata Zielinska**

Max Planck Institute, Dept. Meiosis, Goettingen, Germany (Melina Schuh's lab)
and University of Cambridge, UK

Date: Friday, 26th July 2019

Time: 17:00–18:00

Venue: seminar room 102, Faculty of Medicine Bldg. A

Chromosome segregation errors during female meiosis are a leading cause of pregnancy loss, Down's syndrome and human infertility. While even eggs from young women frequently contain a wrong number of chromosomes, egg quality declines further with advancing female age. Yet, why human oocytes are exceptionally error-prone is still largely unclear. In our research, we use advanced microscopy techniques to uncover the aspects of chromosome segregation machinery that prime the ageing mammalian egg for aneuploidy.



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Hosted by Institute for the Advanced Study of Human Biology (WPI-ASHBi)

