Dagan Wells has been actively involved in preimplantation genetic diagnosis (PGD) and the study of human gametes and embryos for over two decades, conducting his first PGD cases in 1992. He spent several years developing novel PGD tests at University College London, accomplishing the first comprehensive chromosome analysis of cells from human embryos in 1998, using a combination of whole genome amplification and comparative genomic hybridisation (CGH). In 1999 Dagan moved to the United States and joined Reprogenetics, the world's largest provider of PGD services. In 2003 he initiated Reprogenetics' highly successful single gene PGD program, testing embryos for numerous serious inherited conditions. Dagan later joined the faculty of Yale University Medical School, where he set up a PGD and research laboratory, before returning to the UK in 2007. He is now an Associate Professor at the University of Oxford, overseeing a research team based at the Nuffield Department of Obstetrics and Gynaecology. Dagan's work has led to the publication of well over 150 peer-review publications and book chapters. In last decade his work has been recognized by the award of ~£2M in grant funding and the shortlisting for seventeen major conference prizes (ASRM and ESHRE), winning nine of them. Dagan is a Fellow of the Royal College of Pathologists and the Royal Society of Biology and currently serves on the Editorial Boards of several international journals. He also directs Reprogenetics-UK, a laboratory offering state-of-the-art diagnostic services to IVF clinics throughout Europe, the Middle East and Africa.