

Title: "From IVF to Germline Gene Editing: Ethical Challenges"

This talk will describe the pattern whereby the introduction of new reproductive technologies causes great concern, followed by a gradual adoption, and eventually increased acceptability. This has been the case regarding techniques such as IVF or PGD. The talk will also highlight areas where ethical and legal debates are ongoing despite the use of the technique, such as gamete donation (e.g. regarding the right of donor-conceived individuals to know their genetic origins) or surrogacy (e.g. regarding payment to surrogates and the legal determination of maternity). Finally, the talk will explore novel emerging techniques and the current heated debate surrounding them, in particular mitochondrial transfer and human germline gene editing.