



**Professor Mary Herbert**, Professor of Reproductive Biology,  
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As Professor of Reproductive Biology at Newcastle University and Scientific Director at Newcastle Fertility Centre, Mary Herbert leads a team of clinical and research scientists working side by side in a programme of basic and translational research. Broadly speaking, their research is concerned with maternal inheritance of nuclear and mitochondrial DNA. Current questions under investigation are (1) Can IVF-based technologies prevent transmission of mitochondrial DNA disease? (2) What are the underlying causes of infertility, miscarriage and birth defects in older women. Work in her lab is primarily funded by the Wellcome Trust and by EU Horizon 2020.