

**PhD vacancy, Reproductive Embryology, Investigation of and overcoming failed fertilization after ICSI, Ghent, BELGIUM**

The Ghent-Fertility and Stem cell Team, Department for Reproductive Medicine, Ghent University Hospital in Belgium is looking for a highly motivated Ph.D. student interested in embryology and infertility research.

The candidate will focus on studying molecular diagnostic tools to obtain more insight in the oocyte activation potential of sperm and oocytes, and develop novel methods to overcome fertilization failure. This involves embryological/micromanipulation experiments and molecular techniques such as genetic screening, flow cytometry and calcium imaging. The research is situated in the context of failed fertilization after ICSI to acquire more insight in the process of the oocyte activation mechanism and fertilization, and develop new methods of ART.

A strong background and relevant experience in embryology and/or molecular cell biology are a distinct advantage. Candidates should have a Diploma/Master's degree or the equivalent in (Molecular/Cell) Biology, Biotechnology, Genetics, Medicine or equivalent.

The position is available immediately and is foreseen for a period of 4 years to obtain a PhD in Medical Sciences at our Faculty of Medicine and Health Sciences. Application review begins immediately.

Please submit your curriculum vitae before 15<sup>th</sup> March 2019, and a motivation letter outlining your research experience and career goals, and names and addresses of minimal two references to: [Bjorn.Heindryckx@UGent.be](mailto:Bjorn.Heindryckx@UGent.be)

