INVITATION to the Public defence of

Arne VAN DE VIJVER

To obtain the academic degree of 'DOCTOR IN MEDICAL SCIENCES'

Optimization of frozen-thawed embryo transfer protocols

Tuesday 27 June 2017
Auditorium Piet Brouwer, 17:00
Faculty of Medicine and Pharmacy, Laarbeeklaan 103, 1090 Brussel

How to reach the campus Jette:
http://www.vub.ac.be/english/infoabout/campuses
Summary of the dissertation

Since the first pregnancy following a transfer of a frozen-thawed human embryo in 1983, embryo cryopreservation has become a routine procedure in assisted reproductive technology. Following the advent of more efficient cryopreservation strategies and reassuring safety data, the use of embryo cryopreservation has progressively increased, currently accounting for up to one third of all children born after assisted reproductive technologies. Until now, no endometrial preparation has been shown to be superior for frozen-thawed embryo transfers (FET). In this PhD thesis, we tried to optimize current FET-protocols, specifically concerning the use of GnRH agonist, progesterone and the importance of vitamin D.

Curriculum Vitae

Arne van de Vijver was born on June 8, 1982 in Ostend (Belgium). He studied Mathematics-Sciences at Onze-Lieve-Vrouwecollege (Ostend), received his medical degree from the University of Leuven in Belgium in 2007 and graduated as an obstetrician-gynecologist in 2012. Since August 2012, he is a resident in infertility and reproductive endocrinology in CRG, UZ Brussel. In 2014 he joined the clinical staff of the department of obstetrics and gynecology of AZ Sint-Jan in Bruges and the CRG Brugge-Kortrijk. Since September 2016 he is the head of CRG Brugge-Kortrijk. His current clinical and research interests are frozen-thawed embryo transfers and reproductive endocrinology. He is author and co-author of 13 peer-reviewed articles in international journals.