



BSRM

Belgian Society for Reproductive Medicine

20TH BSRM MEETING • FRIDAY 3 OCTOBER 2008

MUSÉE DE LA MÉDECINE

Route de Lennik 808 Lenniksebaan, 1070 Anderlecht

08.30 – 08.55 **Registration and welcome coffee**

08.55 – 09.00 Welcome by the President, *Annick Delvigne, CHC Saint Vincent, Rocourt*

Morning session

Chairs: *Anne Delbaere and Petra De Sutter*

09.00 – 09.30 Study of the oocyte spindle, chromosome behaviour and cell cycle control: markers of high quality and potential age-related insufficiencies
Ursula Eichenlaub-Ritter, University Bielefeld, Germany

09.30 – 10.00 Oocyte vitrification
Ana Cristina Cobo Cabal, IVI, Valencia, Spain

10.00 – 10.30 An overview of the vitrification of human embryos and blastocysts
Etienne Van den Abbeel, UZ Brussel

10.30 - 11.00 **Coffee break**

11.00 – 12.00 **Free communications**

11:00 – 11:15

Molecular karyotyping by array-CGH on single blastomeres: a pilot study
Mertzanidou A.¹, Wilton L.³, Spits C.¹, Vanneste E.⁴, Staessen C.^{1,2}, McBain J.³, Liebaers I.^{1,2}, Vermeesch J.⁴, Sermon K.¹

¹ Department of Embryology and Genetics, Vrije Universiteit Brussel (VUB), Belgium

² Centre for Medical Genetics, UZ Brussel, Belgium

³ Genetic and Molecular Research, Melbourne IVF, Victoria, Australia

⁴ Centre for Human Genetics, University Hospital Gasthuisberg, Leuven, Belgium

11:15 – 11:30

Assisted oocyte activation with ionophore-triggered calcium changes does not initiate calcium oscillations but is sufficient to induce oocyte activation
Heytens E.¹, Dupont G.², De Sutter P.¹ and Leybaert L.³

¹Centre for Reproductive Medicine, Ghent University Hospital, Ghent, Belgium

²Unité De Chronobiologie Théorique, Université Libre De Bruxelles, Faculté Des Sciences, Brussels, Belgium; ³Department Of Basic Medical Sciences, Physiology Group, Ghent University, Ghent, Belgium

11:30 – 11:45

Developmental competence of failed-fertilized and *in vitro* matured human oocytes after chemical or electrical activation

Versieren K., Heindryckx B., Gerris J., Dhont M. and De Sutter P.

Department of Reproductive Medicine, Ghent University Hospital, Ghent, Belgium

11:45 – 12:00

Observational analysis of the implementation of a closed system for blastocyst vitrification in a large-scale setting.

Van Landuyt L., Van den Abeel E., Stoop D., Fatemi H., Camus M., Devroey P. and Van der Elst J.

Centre for Reproductive Medicine, UZ Brussel, Laarbeeklaan 101, 1090 Jette

12.00 - 12.15 **Honorary Member**
Egbert R. Te Velde, University Medical Centre, Utrecht, The Netherlands

12.15 – 12:45 **Minisymposium Vitrolife**
Current EU legislation on IVF from a manufacturers perspective
Göran Mellbin, Quality and development Vitrolife, Sweden

12.45 – 14.00 **Lunch**

Afternoon session

Chairs: *Michelle Nisolle and Koen Clasen*

14.00 - 14.30 The impact of lifestyle and environment on human fecundity
Egbert R. Te Velde, University Medical Centre, Utrecht, The Netherlands

14.30 - 15.00 Ovarian stimulation: time for a change, dictated by science
Richard Fleming, Glasgow Centre For Reproductive Medicine, United Kingdom

15.00 – 15.30 The value of hysteroscopy in infertility: what does the evidence tell?
Rudi Campo, Centrum voor vruchtbaarheidsdiagnostiek, Leuven

15.30 – 16.00 **Coffee break**

16.00 – 16.45 **Free communications**

16:00 – 16:15

Density of Small Diameter Sensory Nerve Fibers in Endometrium: a Semi-Invasive Diagnostic Test for Minimal to Mild Endometriosis
Bokor A.¹, Kyama C.M.², Vercruysse L.¹, Fassbender A.¹, Gevaert O.³, Vodolazkaia A.¹, De Moor B.³, D'Hooghe T.^{1,2}

¹ *Experimental Laboratory for Gynaecology, Dept. of Obstetrics & Gynaecology, University of Leuven*

² *Leuven University Fertility Center, Department of Obstetrics & Gynaecology, University Hospital Gasthuisberg*

³ *Dept. of Electrical Engineering (ESAT-SCD), University of Leuven, Belgium*

16:15 – 16:30

Overview of foreign patients coming to Belgium for infertility treatment
Pennings G., Autin C., Decler W., Delbaere A., Delbeke L., Delvigne A., De Neubourg D., Devroey P., Dhont M., D'Hooghe T., Gordts S., Lejeune B., Nijis M., Pauwels P., Perrad B., Pirard C., Vandekerckhove F.

16:30 – 16:45

Deciding about the disposition of left over frozen embryos: Difficulties and willingness to decide

Provoost V.^{1,2}, Pennings G.¹, De Sutter P.³, Gerris J.³, Van de Velde A.³ and Dhont M.³

¹ *Bioethics Institute Ghent, Ghent University, Ghent*

² *Postdoctoral Fellow of the Research Foundation – Flanders (FWO)*

³ *Infertility Centre, University Hospital Ghent, Ghent.*

16.45 – 17.00 **BSRM Award**

Closure of the Meeting by *Annick Delvigne, president of BSRM*