

Scientific program 2014

1st Meeting of the Belgian Society for Stem Cell Research (BeSSCR) Stem cells: ready for the transition from bench to bedside?

Friday September 12th 2014

8:00 – 8:30 Registration + coffee: Provinciaal Administratief Centrum “Het Zuid”,
Woodrow Wilsonplein 2, 9000 Gent

8:30 – 8:40 Welcome and Introduction: Prof. Petra DE SUTTER,
*Department for Reproductive Medicine, Ghent University Hospital,
Belgium*

Keynote session: Different stem cell horses in the stable

Chair: Karen Sermon, Björn Heindryckx

8:40 – 9:20 Prof. Jacob HANNA, Weizmann Institute of Science, Israel
Production of naive pluripotent human stem cells

9:20 – 10:00 Prof. Catherine VERFAILLIE, Leuven Stem Cell Institute, Belgium
Uses of Reprogrammed Cells in Medicine

10:00–10:40 Prof. Cédric BLANPAIN, Université Libre de Bruxelles, Belgium
Stem cells during cancer initiation and growth

10:40–11:15 Coffee Break

Session II: Legal aspects of Stem Cells: are they ethical?

Chair: *Guido Pennings, Sofie Bekaert*

11:15–11:45 Prof. Guido DE WERT, Maastricht University, The Netherlands
Ethical implications of stem cell research

11:45–12:15 Dr. Philippe JACOBS, European Patent Attorney of Tech Transfer, UGent
Legal aspects: patent possibilities for industry of stem cells and derivatives

12:15–12:30 Poster teasers

12:30–13:30 Lunch + Poster session

Session III: Production of functional cells from stem cells in a dish?

Chair: *Ellen Goossens, Petra De Sutter*

13:30–14:00 Prof. Susana CHUVA DE SOUSA LOPES, Leiden University, The Netherlands
From pluripotent stem cells towards germ cells

14:00–14:30 Prof. Pierre VANDERHAEGHEN, Université Libre de Bruxelles, Belgium
From stem cells to cortical networks

14:30–15:00 Prof. Harry HEIMBERG, Vrije Universiteit Brussel, Belgium
Differentiation or transdifferentiation towards functional beta cells

15:00–15:30 Refreshment Break

Session IV: Stability of stem cells: should we ever use them clinically?

Chair: *Filip Van Nieuwerburgh, Mieke Geens*

15:30 – 16:00 Dr. Bart VAES, Regenesys, Belgium
Characterization of the properties of the cells from an epigenetic perspective

16:00–16:30 Prof. Claudia SPITS, Vrije Universiteit Brussel, Belgium
(Epi-)genomic stability of pluripotent stem cells

16:30-17:00	Prof. Yves BEGUIN, <i>Université de Liège, Belgium</i> Use of mesenchymal stem cell derived cells for clinical applications
17:00-17:30	Discussion + concluding remarks: Prof.Karen SERMON, <i>Research Group Reproduction and Genetics, Vrije Universiteit Brussel, Belgium</i>
17:00-19:00	Reception

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