# PROGRAM

## Friday am

historical keynote lecture

chairs: *rectors VUB and ULB*

*introduction: Brussels: Centre of Europe for education and scientific research*

**Reproductive genetics**

***Peter Braude, King’s College, London***

session 1: prenatal diagnosis today and tomorrow

chairs: Leonardo Gucciardo and Caroline Daelemans

* + - **Ultrasound and PND: *Catherine Donner, ULB Erasme***
		- **CGH array in prenatal diagnosis: *Olivier Vanakker, UGent***
		- **NIPT: the Brussels experience and follow-up study results, *Sonia Vandooren, UZ Brussel and Brightcore***

### coffee break

session 2: best clinical practice today and tomorrow

Chairs: *Marc Abramowicz, ULB Erasme and Inge Liebaers, UZ Brussel*

* **clinical applications of PGD including chromosomal translocations *Kathelijn Keymolen, UZ Brussel, VUB***
* **best clinical practice for PGS *Willem Verpoest, UZ Brussel, VUB***
* **Clinical effectiveness and safety: *Anne Delbaere, ULB Erasme***

### lunch

## Friday pm

session 3: the future fo reproductive genetics

chairs: *Guillaume Smits, Huderf and IBsquare and Karen Sermon, Vrije Universiteit Brussel*

* **The end of invasive PND: *TBC***
* **Challenges for PND on intact fetal cells; *Patrizia Paterlini-Brechot Paris***
* **PGD: technical developments: *Martine De Rycke, UZ Brussel***

### coffee break

session 4: ethics of reproductive genetics

*chairs Maryse Bonduell, UZ Brussel and Julie Desir, ULB Erasme*

* **psychological issues in reproductive genetics: *Julie Nekkebroeck, UZ Brussel, VUB***
* **Prenatal carrier screening: *Pascal Borry, KULeuven***
* **PGD: dynamics and ethics: *Guido De Wert, Maastricht UMC+***

### drinks