

November 25th, 2021

Medium and long term health of children conceived by Assisted Reproductive Technology

Grand Amphi - GHU Paris psychiatrie & neurosciences
1 rue Cabanis, Paris 14^e

- 8:30 am **Welcome**
- 9:00 am – 9:15 am Introduction **Gilles BLOCH**, Chairman and CEO of Inserm
- 9:15 am – 9:30 am Objectives and scope of the day - **Catherine PATRAT**, Paris (France)

Chair: Pierre JOUANNET, Paris (France), Catherine PATRAT, Paris (France)

- 9:30 am – 10:10 am **Key note lecture**
Knowledge gained about the health of children conceived by ART - **Anja PINBORG**, Copenhagen (Denmark)
- 10:10 am – 10:50 am **Key note lecture**
The association of maternal, paternal, and treatment parameters on the health of IVF-conceived children - **Barbara LUKE**, East Lansing (USA)
- 10:50 am – 11:05 am **Coffee break**
- 11:05 am – 11:45 am **Key note lecture**
Periconceptional exposures that may influence development and health of children conceived by ART: a biological perspective - **Tom FLEMING**, Southampton (UK)

Session: Health of children and adults conceived by ART**Chair: Roger LÉANDRI, Toulouse (France), Yves LE BOUC, Paris (France)**

- 11:45 am – 12:15 pm Growth & Metabolism in children conceived by ART - **Florence BELVA**, Brussels (Belgium)
- 12:15 pm – 12:45 pm ART-induced alterations of the cardiovascular system in humans and experimental animals - **Pascal AMEDRO**, Bordeaux (France)
- 12:45 pm – 2:00 pm **Lunch break**

- ▶ 2:00 pm – 2:30 pm Cognitive and behavioural development of children conceived through medically assisted reproduction. Evidence from the UK - **Anna BARBUSCIA**, Aubervilliers (France)
- ▶ 2:30 pm – 3:00 pm Childhood Cancer Risk after ART Conception, Evidence from Research - **Alastair SUTCLIFFE**, London (UK)
- ▶ 3:00 pm – 4:00 pm Role of embryo culture conditions
DNA methylation changes after ART during Human lifespan
Patricia FAUQUE, Dijon (France)
- ▶ 4:00 pm – 4:40 pm **Key note lecture**
Ethical issues raised by the knowledge acquired and the questions related to the health of children conceived by ART - **François ANSERMET**, Geneva (Switzerland)
- ▶ 4:40 pm – 5:40 pm **Round Table - Summary of the interventions, issues raised, perspectives**
Chair: François ANSERMET, Geneva (Switzerland), Christian BOITARD, Paris (France)

Participants :

Hervé CHNEIWEISS, President, Inserm Ethics Committee (CEI)
Sylvie EPELBOIN, Member of the board, French Study Group on IVF (GEFF)
Philippe JONVEAUX, Director, Human Reproduction, Embryology and Genetics, French Agency of Biomedicine (ABM)
Rachel LÉVY, Vice President, French Federation of IVF Biologists (BLEFCO)
Jean-Louis VILDÉ, Professor Emeritus
- ▶ 5:40 pm **Conclusion**
Jean-François DELFRAISSY, President of National Consultative Ethics Committee