

The Science and Ethics of Generating Gametes from Stem Cells

Focus Session presented by
The ISSCR Ethics Committee

Monday, 21 June 2021

13:00 - 16:00 EDT

SCHEDULE & SPEAKERS

-  **WELCOME AND OVERVIEW**
Megan Munsie, PhD | [University of Melbourne, Australia](#)
-  **HOW CLOSE ARE WE TO GENERATING HUMAN SPERM AND EGGS IN THE LAB?**
Amander Clark, PhD | [University of California, Los Angeles, USA](#)
-  **SCIENCE, ETHICS, AND POLICY CHALLENGES OF PLURIPOTENT STEM CELL-DERIVED GAMETES:
REFLECTIONS ON THE 2008 HINXTON GROUP CONSENSUS STATEMENT AND A DECADE OF
SCIENTIFIC AND GOVERNANCE EVOLUTION**
Debra Mathews, MA, PhD | [Johns Hopkins Berman Institute of Bioethics, USA](#)
-  **Oogenesis in vitro in mice and other species**
Katsuhiko Hayashi, PhD | [Kyushu University, Japan](#)
-  **ETHICAL EXPLORATION OF IVG: BETWEEN INNOVATION AND PRECAUTION**
Heidi Mertes, PhD | [Ghent University, Belgium](#)
-  **SPERMATOGONIAL STEM CELL THERAPIES FOR MALE INFERTILITY**
Kyle Orwig, PhD | [University of Pittsburgh, USA](#)
-  **ISSCR GUIDELINES REVISIONS AND WHAT THEY MEAN FOR RESEARCH AND POLICY REGARDING IVG**
Insoo Hyun, PhD | [Case Western Reserve University and Harvard Medical School, USA](#)
-  **PANEL DISCUSSION & AUDIENCE QUESTIONS**