



Science at the Edge Seminar

Friday, September 22nd, 2017
1400 BPS



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"Ethics at the Edge of Science"

This presentation addresses four cutting-edge areas of biomedical research that have recently stirred much ethical anxiety: human genome editing; mitochondrial replacement interventions; extended embryo cultivation; and self-organizing embryo-like structures.

These four research areas share many interesting technical and ethical interconnections, which together provide a rich opportunity for the audience to reflect on the advances and limitations of ethics at the edge of science.

Bredenoord AL, Hyun I. (2017) Ethics of stem cell-derived gametes made in a dish: fertility for everyone? *EMBO Mol Med.* 9:396-398.

Munsie M, Hyun I, Sugarman J (2017) Ethical issues in human organoid and gastruloid research. *Development.* 144:942-945.

Insoo Hyun (2017) Bioethics: Democracy in vitro *Nature* 541, 462-463

Insoo Hyun, Amy Wilkerson and Josephine Johnston (2017) Embryology policy: Revisit the 14-day rule. *Nature* 533, 169-171.

Hyun I (2013) Therapeutic hope, spiritual distress, and the problem of stem cell tourism. *Cell Stem Cell.* 12:505-7.