

ASHBi

DISTINGUISHED SEMINAR

Stem cells, embryos and embryo models

Lecturer: **Janet Rossant PhD**
Chief of Research Emeritus, Senior Scientist,
The Hospital For Sick Children



Date: **Wednesday, 2 February 2022**

Time: **10:00 - 11:30**

Venue: **Zoom Online** Register via the right QR code



Eligibility: **Researchers and Students in Kyoto University**

I will discuss the molecular pathways underlying the transition from totipotency to pluripotency during mouse embryo development and related this to the properties of the stem cell lines that derived from the blastocyst. These cell lines have recently been used to make stem cell-derived embryo models in the mouse and in the human. It is becoming clear that mouse and human embryo and stem cell development show important differences that need to be understood if stem cell-based embryo models are to be used more routinely to model human development.

Organizer : Institute for the Advanced Study of Human Biology (WPI-ASHBi)

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