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Barbara Davis Center for Diabetes

Monday, January 13
12:15 pm – 1220 MRBIII

“Stem cell–derived pancreatic beta cells & thymic epithelium for basic research & cell therapy”

- Directed differentiation from iPSC into functional endodermal tissues, pancreas & thymus, for basic research & cell-replacement therapy
- Genome-engineering to understand type I diabetes development in a strictly human context
- Stem cell–derived Insulin+ cells are highly heterogeneous, present as discrete cell populations
- “Most mature” beta-like cells are being isolated & studied
- Studying patient-specific thymic cells similar to cells in human neonatal thymi

Host: Chris Wright, D. Phil.

Sponsored by the Program in Developmental Biology and Center for Stem Cell Biology
in association with the Department of Cell and Developmental Biology Monday Seminar Series