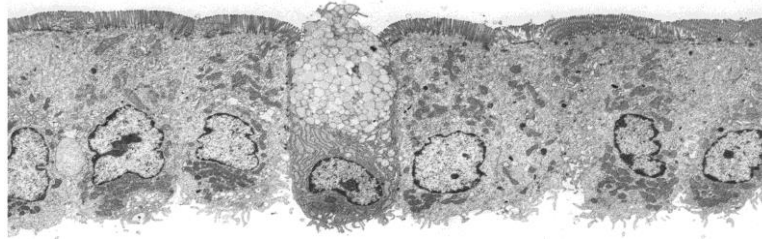


Intestinal Stem Cells: Identity, Development, and Metabolic Control



Tuesday, April 6, 2021

Virtual Symposium – Via Zoom Webinar 1:00 PM – 5:40 PM (EST)

Register in advance for this webinar:

https://bostonchildrens.zoom.us/webinar/register/WN_Sveer91PQNO4HgK0UYMmNw

- 1:00** Introductory Remarks and first talk: **Ramesh Shivdasani, MD, PhD** – Dana-Farber, HMS
ISC candidates, executors, and transcriptional control
- 1:40** **Ophir Klein, MD, PhD** – University of California San Francisco
Regenerative strategies of the intestinal crypt
- 2:10** **Frederic de Sauvage, PhD** – Genentech
Role of intestinal stem cell plasticity in tumorigenesis
- 2:40** **Kelley Yan, MD, PhD** – Columbia College of Physicians & Surgeons
Wnt pathway regulation of intestinal stem cells
- 3:10 – 3:30 Break**
- 3:30** **Bruce Edgar, PhD** – Huntsman Institute, University of Utah
Regeneration, tumorigenesis, and adaptive growth in the Drosophila intestine
- 4:00** **Jason Spence, PhD** – University of Michigan Medical School
Identifying intestinal stem cell niche factors in the developing human gut
- 4:30** **Linda Samuelson, PhD** – University of Michigan
Crypt cell remodeling and ISC niche regeneration after Notch inhibition
- 5:00** **Omer Yilmaz, MD, PhD** – Koch Center, MIT
Dietary control of stem cells in physiology and disease
- 5:30** Closing Remarks – Wayne Lencer, MD

Wayne Lencer, MD and Richard S. Blumberg, MD, Co-Hosts
Ramesh Shivdasani, MD, PhD, Scientific Host

HDDC Website: <https://hddc.hms.harvard.edu/research>

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