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
For additional information, contact: kebrewosen.densamo@childrens.harvard.edu

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