"Frontiers in GI Cell Biology: Crosstalk and Communication"

7:30 AM - 8:10 AM  BREAKFAST

8:10 AM - 8:25 AM  WELCOME REMARKS
    Hashem B. El-Serag, M.D., M.P.H., DDC Co-Director
    Jason C. Mills, M.D., Ph.D., DDC Co-Director

SESSION I

8:25 AM - 9:05 AM  "Niche Regulation of Gastrointestinal Stem Cell Dynamics"
    Linda C. Samuelson, Ph.D.
    John A. Williams Professor of Gastrointestinal Physiology
    University of Michigan, Ann Arbor, MI

9:05 AM - 9:45 AM  "A nervous bowel is a happy bowel . . . Making sense of Hirschsprung disease"
    Robert O. Heuckeroth, M.D., Ph.D.
    Research Director, Suzi and Scott Lustgarten Center for GI Motility
    Children’s Hospital of Philadelphia, Philadelphia, PA

9:45 AM - 10:05 AM  "Building a functional intestine for children with intestinal failure: how to innervate and innovate"
    Allison L. Speer, M.D., FACS, FAAP (2017 Pilot Feasibility Awardee)
    Associate Professor, Pediatric Surgery
    The University of Texas Health Science Center, Houston, TX

10:05 AM - 10:45 AM  "Engineering gastrointestinal organoids for digestive disease research"
    James M. Wells, Ph.D.
    Director for Research, Division of Endocrinology
    Cincinnati Children’s Hospital, Cincinnati, OH

10:45 AM - 11:05 AM  COFFEE BREAK

SESSION II

11:05 AM - 11:45 AM  "Gut epithelial cells: interpreters of gut microbiome/immune interactions"
    Rodney D. Newberry, M.D.
    Dr. Nicholas V. Costrini Professor of Gastroenterology and Inflammatory Bowel Disease
    Washington University School of Medicine, St. Louis, MO

11:45 AM - 12:05 PM  "Microbial regulation of intestinal epithelial hormones"
    Sara Di Rienzi, Ph.D. (2017 Pilot Feasibility Awardee)
    Assistant Professor, Molecular Virology and Microbiology
    Baylor College of Medicine, Houston, TX

12:05 PM - 12:45 PM  "Unraveling mucus microbe interactions in the intestine"
    Mindy Engevik Ph.D.
    Assistant Professor, Regenerative Medicine and Cell Biology
    Medical University of South Carolina, Charleston, SC

12:45 PM - 2:15 PM  POSTER SESSION (BOXED LUNCHES PROVIDED)

2:15 PM - 2:45 PM  BREAKOUT SESSIONS WITH SELECT SPEAKERS
    #1. Linda Samuelson, Ph.D.
    #2. Rodney Newberry, M.D.
    #3. James Wells, Ph.D.
    #4. Robert O. Heuckeroth, M.D., Ph.D.
    #5. Mindy Engevik, Ph.D.

2:45 PM - 3:00 PM  POSTER AWARDS / CLOSING REMARKS
    Geoffrey Preidis, M.D., Ph.D., DDC Enrichment Program Director