POSTDOCTORAL RESEARCH POSITIONS IN GASTROINTESTINAL AND HEPATOLOGY TRANSLATIONAL BIOLOGY

Join an exciting and vibrant interdisciplinary postdoctoral fellowship program in translational aspects of virology, genetics, development, molecular biology, and disorders and therapies related to the gastrointestinal tract and liver. Program goals are to attract both PhD and MD candidates and provide state-of-the-art research training. Fellowships are for up to 3 years and are funded by a NIH Institutional Training Grant (T32).

Mentors and areas of interest:

- Kjersti Aagaard, MD, PhD  Role of the Microbiome in Perinatal Health with Metagenomic Interrogations
- Robert Britton, PhD  Therapeutic Microbiology
- Douglas G. Burrin, PhD  Nutritional Regulation of Neonatal Gut and Liver Health and Disease
- Hashem B. El-Serag, MD, MPH  Clinical Epidemiology and Outcomes of GI and Liver Disorders
- Mary K. Estes, PhD  Host-Pathogen Interactions and GI Tract Organoids
- Joseph Hyser, PhD  Viral Ion Channels, Enteric Virus Blockers, Host Calcium Signaling Pathways of Microbes
- Hamed Jafar-Nejad, PhD  Role of Glycosylation in the Regulation of Animal Development
- Fasiha Kanwal, MD, MSHS  Health Care Delivery for Patients with Liver Diseases
- Brendan H. Lee, MD, PhD  Genetic and Clinical Studies in Skeletal Dysplasias and Inborn Errors of Metabolism
- Xian Li, MD, PhD  Transplant Immunology
- J. Marc Rhoads, MD  Probiotics, Infantile Colic, Necrotizing Enterocolitis, Diarrheal Diseases
- Tor Savidge, PhD  Microbe-Neuroimmune Signals in Gastrointestinal Disease
- Lanlan Shen, MD, PhD  Epigenetic Mechanisms and Transcriptional Regulation in Intestinal Stem Cells
- Benjamin Shneider, MD  Regulation of Bile Acid Transport in Cholestatic Liver Disease
- Noah Shroyer, PhD  Transcriptional Control of Intestinal Stem Cells, GI Tract Organoids, GI Development
- Robert J. Shulman, MD  Disorders of Brain-Gut Interaction
- Sundararajah Thevananther, PhD  Purinergic Regulation of Liver Function
- James Versalovic, MD, PhD  Microbial Genomics, Metagenomics, Gut Mucosal Immunity, Inflammation, Neoplasia
- Huda Y. Zoghbi, MD  Pathogenesis of Neuro-Degenerative Disease, Rett syndrome, Normal Neurodevelopment

Interested persons should contact Susanne Denk: susanne.denk@bcm.edu
US citizenship or a valid Green Card are required to apply.
We have a rolling review/admissions policy.

PEDIATRIC GASTROENTEROLOGY, HEPATOLOGY, AND NUTRITION
Application for Postdoctoral Position on NIH T32 Training Grant
Training in Pediatric Gastroenterology Research
Robert J. Shulman, M.D., Director

1. Full Name
   (Last Name, Given Name)   (Middle Initial)
   e.g. Smith, Charles G.

2. A) Mailing Address

B) Email Address

C) Telephone

3. Doctoral Degree:  M.D.☐  Ph.D.☐  M.D., Ph.D. ☐

4. Are you a citizen Or Permanent Resident of the U.S.?  YES ☐  NO ☐

5. Date and place of birth
   A) If you were NOT born in the United States, please indicate what date you were granted either:
      U.S. Permanent Residence Status
      Or
      U.S. Citizenship

6. Education (Undergraduate, Doctoral, Postdoctoral)

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Please provide the following **required** items:

1. CV (must include citizenship status)
2. One-page description of proposed research (written by the candidate)
3. Half-page narrative of career goals
4. Half-page explanation of how participation in this training program would help to achieve goals
5. Letter of nomination/reference from mentor (including requested start date)
6. Two other letters of reference

*Note: Please email all required documents to both:

Robert J. Shulman, M.D.  
Director, T32 NIH Training Grant  
rshulman@bcm.edu

AND

Susanne Denk  
T32 NIH Training Grant Administrative Assistant  
denk@bcm.edu