Perspectives from NIDDK Related to NASPGHAN

Griffin P. Rodgers, M.D., M.A.C.P.
Director, National Institute of Diabetes and Digestive and Kidney Diseases
National Institutes of Health

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Multiple NIH Institutes and Centers Support Research in Digestive Diseases

NIH
27 Institutes and Centers

Digestive Diseases
- OD
- NIDDK
- NCI
- NIAID
- NICHD
- NIAAA
- NIA
- Others

NIDDK & NASPGHAN Shared Research Agenda
Inflammatory Bowel Diseases

- PROTECT-UC clinical trial
- IBD Genetics Consortium

Functional GI and Motility Disorders

- Pediatric IBS and low-carb diet, role of gut microbiome

Liver Disorders

- Pediatric Acute Liver Failure Study Group
- Childhood Liver Disease Research and Education Network
- Nonalcoholic Steatohepatitis Clinical Research Network
- Biliary atresia and environmental triggers
Pancreatic Disorders

- New Consortium for the Study of Chronic Pancreatitis, Diabetes and Pancreatic Cancer:
  - INSPPIRE (INternational Study group of Pediatric Pancreatitis: In search for a cuRE) to Study Pediatric Chronic Pancreatitis, Awarded September 2015

Allergy, Intestinal Failure, and Infection

- Eosinophilic GI Disease Consortium
- Celiac research: “TEDDY” Study
- NEC and Breast Milk

Nutritional Disorders

- Teen-LABS (bariatric surgery)
- Lifestyle Interventions for Expectant Moms: LIFE-Moms
- New Office of Nutrition Research
Gut Microbiome & Pediatric GI Disease

- NIH Human Microbiome Project
- Antibiotic treatment & gut microbiome development
- Pediatric malnutrition
- New NIDDK funding announcement: A Community Research Resource of Microbiome-Derived Factors Modulating Host Physiology in Obesity, Digestive and Liver Diseases, and Nutrition (RFA-DK-15-012)

NIH Common Fund: SPARC
Stimulating Peripheral Activity to Relieve Conditions

New GI-related SPARC Awards
NIDDK Division of Digestive Diseases & Nutrition

- Mission: Support basic, translational and clinical research
- Disease Areas
  - Alimentary GI tract
  - Liver
  - Exocrine Pancreas
  - Clinical Obesity Research
  - Nutrition Research

NIDDK Division of Digestive Diseases & Nutrition

- How is research supported?
  - Investigator initiated grants
  - Large research programs
  - Clinical trials
  - Research Centers
  - Training and Career Development
  - Small Business
  - Public communication

NIH National Institute of Diabetes and Digestive and Kidney Diseases