

DEPARTMENT OF HEALTH AND HUMAN SERVICES
NATIONAL INSTITUTES OF HEALTH

212th Meeting of the
NATIONAL DIABETES AND DIGESTIVE AND KIDNEY DISEASES ADVISORY COUNCIL

DIVISION OF DIGESTIVE DISEASES AND NUTRITION SUBCOMMITTEE
Meeting Summary

Thursday, January 30, 2020
Bethesda, Maryland

Open Session

- 1) Dr. David Saslowsky opened the meeting by welcoming everyone.
- 2) The minutes of the September 11, 2019 subcommittee meeting were approved.
- 3) Dr. Saslowsky provided a summary of the DDDN FY2019 portfolio.
- 4) Dr. Terez Shea-Donohue presented the Neurogastroenterology Portfolio Analysis.
- 5) Dr. Peter Perrin presented the HIV/AIDS Portfolio Analysis.
- 6) Planned Workshops:
 - a) **Pancreatic Pain: Knowledge Gaps and Research Opportunities in Children and Adults** <https://www.niddk.nih.gov/news/meetings-workshops/2020/pancreatic-pain-knowledge-gaps-research-opportunities-children-adults> workshop will be held on July 22, 2020 at the Omni William Penn Hotel in Pittsburgh, PA. The purpose of this workshop is to explore recent developments in understanding the origin and mechanisms of pain in pancreatic disease, the relationship of visceral neural pathways and central pain centers, the role of behavioral factors and disorders on the perception of pain, and differences in pain perception and processes in children compared to adults. In addition, the role of genetic risk factors for pain, and the mechanisms and role of placebos in pain treatment will be discussed. Methods of pain assessment including quantitative sensory testing will be examined, as well the process of central sensitization of pain. Finally, newer approaches to pain management including cognitive behavioral therapy, nerve stimulation, experimental (non-opioid) drugs, and cannabinoid compounds will be covered.
- 7) Completed Workshops:
 - a) **Body Composition Measurements from Birth through 5 years: Challenges, Gaps, Existing & Emerging Technologies** <https://www.niddk.nih.gov/news/meetings-workshops/2019/body-composition-2019> workshop was held May 30-31, 2019 in the Neuroscience Research Center. The objective of the workshop was to identify needs for research that will fill existing knowledge gaps to identify opportunities to improve measurement of body composition components in infants from birth through age 5 years, with a special focus on measures that can be used longitudinally and for evaluation of intervention studies.
 - b) **Alcoholic and Nonalcoholic Steatohepatitis: Pathogenesis and Mechanisms of Liver Injury (Joint NIAAA-NIDDK Workshop)** <https://www.niddk.nih.gov/news/meetings-workshops/2019/alcoholic-and-nonalcoholic-steatohepatitis-2019> workshop was held September 16-17, 2019 in the Lister Hill Auditorium. The aim of the workshop was to bring together

research investigators in the alcoholic and nonalcoholic fatty liver disease fields and summarize the current state of the science of various pathophysiological mechanisms that lead to fatty liver injury. A focus was on how the possible pathologic mechanism might be shared or distinct in alcoholic versus nonalcoholic fatty liver disease.

- c) **Imaging The Pancreas in Diabetes, and Benign and Malignant Exocrine Pancreatic Disease**
<https://www.niddk.nih.gov/news/meetings-workshops/2020/imaging-pancreas-diabetes>
symposium was held on January 13-14, 2020 in the Natcher Conference Center. The goal of this symposium was to showcase the use of imaging in the pancreas to detect and explore the pathogenesis of diabetes, pancreatic cancers, pancreatitis and other pancreatic diseases, in humans and model systems. The emphasis was on observations and biology from the fields of diabetes and pancreas disease research that can potentially inform each other.

Closed Session

Council members reviewed competing applications, applicants with >\$1M in NIH funding (direct costs) and five budget restorations. There were no MERIT extensions, foreign application, appeals, or skipped applications to review. In all discussions, Council members concurred with NIDDK/DDDN.

Comments and critiques regarding discussion topics and initiatives from council members are welcome and should be emailed to Dr. James.