



2020 Virtual Advocacy Event

This program is sponsored by the International Foundation for Gastrointestinal Disorders. The views and opinions expressed in this presentation do not necessarily reflect the official position of IFFGD. Information and resources shared should not replace any medical care you are receiving. Finally, it is important to always consult with your doctor or other health care provider before making decisions about your treatment.

The following slides were presented during the educational portion of IFFGD's 2020 Virtual Advocacy Event. To view this presentation and the all videos available during this program, please visit https://bit.ly/Adv_Edu.

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National Institute of
Diabetes and Digestive
and Kidney Diseases

Overview of Research in Neurogastroenterology Supported by the National Institutes of Health

IFFGD Virtual Advocacy Event
July 26, 2020

Griffin P. Rodgers, M.D., M.A.C.P.
Director

National Institute of Diabetes and Digestive and Kidney Diseases



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NIDDK and IFFGD



Nancy Norton



Ceciel Rooker



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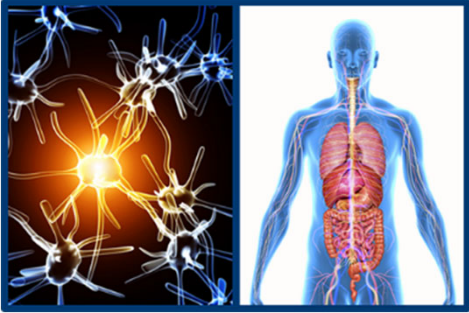
NIH Support of Neurogastroenterology Research

- Support for neurogastroenterology research is spread across the NIH
- NIDDK is the lead Institute for neurogastroenterology research
- Other Institutes that fund neurogastroenterology research include NINDS, NIGMS, NHLBI, and OD



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Stimulating Peripheral Activity to Relieve Conditions (SPARC)



Nerve mapping

➔

Medical device design and testing

➔

Treatments


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Intestinal Stem Cell Consortium

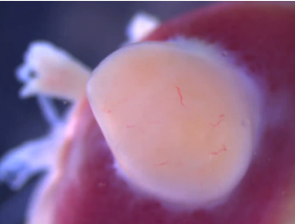


ISCC

Intestinal Stem Cell Consortium




Intestinal organoid



Organoid with embedded nervous system

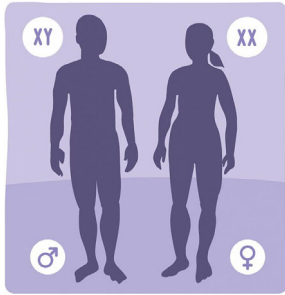
Workman et al.,
Nat. Med. 23: 49-59, 2017




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Research on Irritable Bowel Syndrome

Specialized Center of Research Excellence (SCORE) on Sex Differences

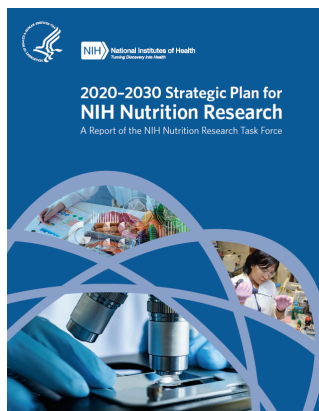


- Sex as an important biological variable in IBS symptoms
- Exploring brain-gut-microbiome connections in response to cognitive behavioral therapy



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Strategic Plan for NIH Nutrition Research



- Focus on the field of precision nutrition
- Strategic goals and cross-cutting areas to answer key questions in nutrition science
- Available at:

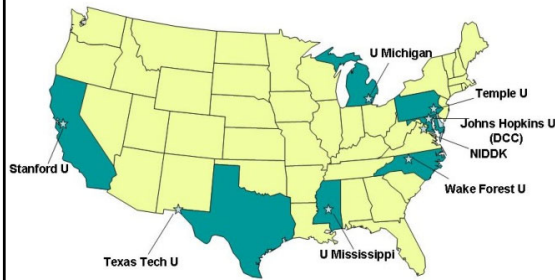
<https://www.niddk.nih.gov/about-niddk/strategic-plans-reports/strategic-plan-nih-nutrition-research>



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Gastroparesis Clinical Research Consortium

- The Gastroparesis Registry: Observational study to understand risk factors and how gastroparesis develops



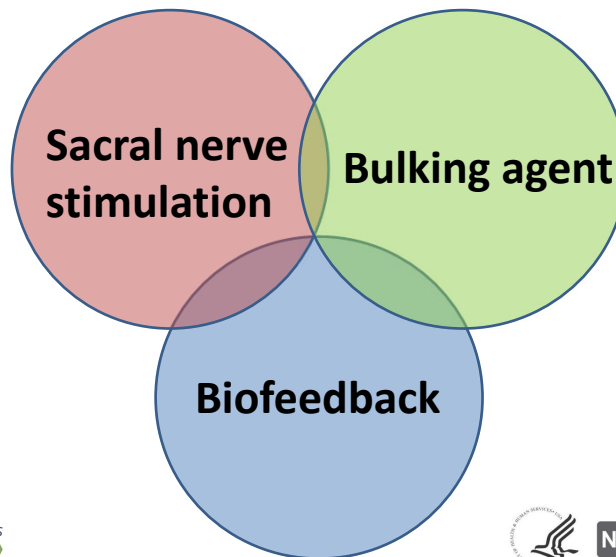
- Clinical trials to test new therapeutic approaches to treat gastroparesis symptoms.



National Institute of Diabetes and Digestive and Kidney Diseases

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Fecal Incontinence Treatment (FIT) Study

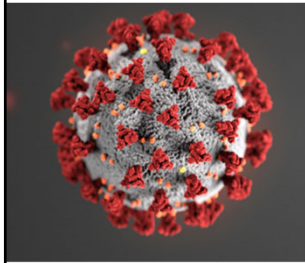


National Institute of Diabetes and Digestive and Kidney Diseases

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COVID-19

Issues affecting research activities during the COVID-19 pandemic:



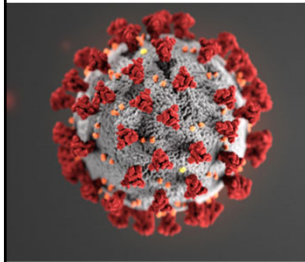
- **Increased costs for conducting research safely**
- **The loss of revenue to support research**
- **The disproportionate effects of the pandemic on some investigators**



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COVID-19

Strategies to mitigate the impacts of COVID-19 on NIH-supported research



- **Policy flexibility**
- **Policy accommodations**
- **Targeted investments**



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Developing the NIDDK Strategic Plan

21st Century Cures Act: “Strategic plans developed and updated by the national research institutes and national centers of the National Institutes of Health shall be prepared regularly”

- Will complement our disease-specific planning efforts
- 5-year plan to present broad vision of the future of our Institute and demonstrate value of NIDDK research now and going forward
- Opportunity to gain ideas from leading researchers and patient advocates across NIDDK mission
- Anticipated completion – late 2021



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NIDDK Strategic Plan

Request for Information: National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) Strategic Plan

Share your ideas for the strategic plan on the RFI feedback form by July 31, 2020.



<https://grants.nih.gov/grants/rfi/rfi.cfm?ID=106>

Strategic Planning Process webpage:
<https://www.niddk.nih.gov/about-niddk/strategic-plans-reports/planning-process-for-niddk-strategic-plan>



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