



## JOB OPPORTUNITIES – NIDDK Division of Diabetes, Endocrinology & Metabolic Diseases (NIDDK-DDEMD)

### HEALTH SCIENTIST ADMINISTRATOR

Apply via [USAJOBS.gov](https://USAJOBS.gov) (open **Sept 21-30, 2022**)

#### Neural Mechanisms of Metabolic Control

##### [Program Director](#)

The Director of the Neural Mechanisms of Metabolic Control program in the Division of Diabetes, Endocrinology and Metabolic Diseases of NIDDK (DDEMD) will work closely with the Division Director to enhance research activity by identifying opportunities for enabling basic and translational research investigating the role of the peripheral nervous system in the regulation of metabolic function and metabolic diseases of interest to DDEMD, specifically obesity and diabetes. The autonomic nervous system, composed of sympathetic and parasympathetic branches plays a critical role in the regulation of physiological responses required for maintaining metabolic homeostasis. Organ-specific neural fibers can have profound effects on regulating key metabolic processes such as gluconeogenesis, lipolysis and hormonal secretion. While new techniques in neuroscience and molecular genetics are revealing the specificity and diversity of neurons in the central nervous system, much remains unknown in the peripheral nervous system.

The Program Director for Neural Mechanisms of Metabolic Control should be familiar with the current state of science in this area to assess research needs and advance the field as it relates to metabolic disease. It is expected that this research portfolio will be focused on basic mechanisms, emerging technologies, new models, and network or other bioinformatics analyses needed to integrate contemporary approaches in histology, opto- and chemogenetics. The Program Director will be expected to identify emerging technologies, develop initiatives based on scientific priorities, advise potential applicants and administer grants and awards. The applicant must have a professional scientific degree (Ph.D. or M.D.), scientific management experience, and strong interpersonal and written communication skills.

#### Tissue Crosstalk in Metabolic Disease

##### [Program Director](#)

The Director of Tissue Crosstalk in Metabolic Disease programs in the Division of Diabetes, Endocrinology and Metabolic Diseases of NIDDK (DDEMD) will work closely with the Division Director to enhance research activity by identifying opportunities for enabling basic research investigating the role of Tissue Crosstalk in diseases of interest to DDEMD. Tissue crosstalk grant portfolios and programs will encompass research focused on the development and regulation of metabolic diseases (including diabetes and obesity) at the molecular, cellular and tissue level. Organs and systems relevant to metabolic disease generally include adipose tissue, liver, pancreas, and muscle. In addition, other systems such as the peripheral and central nervous systems, the immune system, vascular and lymphatic tissue may also play key roles in tissue function and metabolic disease, thereby requiring a systems biology or systems medicine approach.

The Program Director for Tissue Crosstalk in Metabolic Disease should be familiar with the state of the science in this area, and possess the expertise in cellular biology, endocrinology, physiology, and/or molecular biology needed to assess research needs and advance the field. It is expected that this research portfolio will be focused on basic mechanisms, emerging technologies, new models, and current concepts in systems biology as they are applied to multi-organ communication processes influencing metabolic disease. The Program Director will be expected to identify emerging opportunities, develop initiatives based on scientific priorities, advise potential applicants, and administer grants and awards. The applicant must have a professional scientific degree (Ph.D. or M.D.), scientific management experience, and strong interpersonal and written communication skills.

Please prepare to apply to the upcoming job announcement for GS-12/13/14 HSA (Program Officer/Scientific Review Officer) through [USAjobs.gov](https://USAjobs.gov), open between **September 21** through **September 30, 2022**.

#### Delegated Examining (Open to the Public)

- [GS-12/13/14 Health Scientist Administrator \(Program Officer/Scientist Review Officer\)](#)

**Merit Promotion (Open to Status Candidates)**

- [GS-12/13/14 Health Scientist Administrator \(Program Officer/Scientific Review Officer\)](#)