

Fady Hannah-Shmouni, MD, DABIM, FRCPC



Fady Hannah-Shmouni, M.D., DABIM, AHSCP, FRCPC, is a clinician investigator in endocrinology, hypertension, and biochemical genetics with clinical and research interests in the diagnosis and management of familial endocrinopathies, endocrine hypertension disorders, and inborn metabolism errors. For NICHD, he serves as director of the Office of Education's Graduate Medical Education (GME); chief of the internal medicine, endocrinology, and genetics inpatient ward and outpatient endocrinology; associate program director of NIH's Inter-Institutes Endocrinology & Metabolism Fellowship Program; and principal investigator of endocrine genetic and hypertension disorders for the Stratakis Laboratory's section on endocrinology and genetics. He is the principal investigator on two NICHD protocols: "Clinical and Molecular Characteristics of Primary Aldosteronism in Blacks" and "Observational Study of Males with Creatine Transporter Deficiency."

Dr. Hannah-Shmouni completed his clinical training in internal medicine at the Yale-New Haven Medical Center (YSR) Program in Yale's School of Medicine; in adult endocrinology, diabetes, and metabolism at NIH, with a focus on endocrine hypertension and genetic disorders under the mentorship of Dr. Constantine A. Stratakis; and in clinical biochemical genetics at the University of Toronto's Hospital for Sick Children. He is board certified in internal medicine, endocrinology, and metabolism by the American Board of Internal Medicine and the Royal College of Physician and Surgeons of Canada; and in clinical hypertension by the American Society of Hypertension. He is a fellow with the Royal College of Physicians and Surgeons of Canada and an active committee member of the Endocrine Society Hormone Health Network, the Eastern Europe and Middle East Regional Advisory Group for the International Society of Hypertension, the 2020 Hypertension Canada Guidelines (Endocrine-Hypertension Subgroup), and the Pituitary, Gonad, Adrenal and Neuroendocrine Professional Resource Center for AACE.

Dr. Hannah-Shmouni's research focuses on understanding the pathogenesis of primary aldosteronism, particularly in Blacks. Using careful record review, deep phenotyping, and next generation sequencing he has helped in the identification of clinical, biochemical and genetic signatures in patients with primary aldosteronism and other adrenal disorders. Since 2015, he has been an investigator, initially in the capacity of Associate Investigator, and since 2019 as Principal Investigator, on several adrenal and genetic-related natural history protocols. He works in the laboratory of Dr. Constantine A. Stratakis, which focuses on the pathogenesis of adrenal and pituitary disorders in humans and animal models. Another arm of his research has been the clinical study of rare endocrinopathies and inborn errors of metabolism, including creatine transporter deficiency and Erdheim-Chester Disease. Dr. Hannah-Shmouni is the Editor-In-Chief of Elsevier's Open Access journal, *Endocrine and Metabolic Science*, and has published extensively on endocrine genetic and hypertensive disorders.

Contact Information:

Internal Medicine, Endocrinology, Hypertension & Metabolic Genetics
Section on Endocrinology & Genetics, NICHD
National Institutes of Health
10 Center Drive, MSC 1109
Building 10 CRC, Room 5-2741
Bethesda, MD 20892 USA
Email: fady.hannah-shmouni@nih.gov