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“A memo from your gut: the role of the gut-brain axis in memory control”

Friday, December 6, 2019
12:00 p.m.
23-105 CHS

About Dr. Kanoski:
Dr. Kanoski’s research focuses on the neurobiological control of food intake and body weight regulation. More specifically his laboratory focuses on understanding how the brain processes peripherally- and centrally-derived hormonal signals to control learned and motivated aspects of feeding behavior, as well as to examine how these neuroendocrine signaling systems contribute to and are compromised by obesity and related metabolic disorders. At the center of this research is the hippocampus; a brain region traditionally linked with memory function, but more recently shown to control higher-order aspects of feeding behavior. The lab also focuses on exploring the relationship between consuming saturated fatty acids and refined carbohydrates (i.e., "Western diets") and the development of hippocampal dysfunction, cognitive impairment, and Alzheimer's pathology.

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