

The Department of Nutritional Sciences **Fall 2026 Seminar Series**

" Brain Nutrient Sensing in Metabolic Control "

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Host:

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Wednesday, September 9, 2026 @ 2:15 PM
FSNS Building, 65 Dudley Road, New Brunswick, Room 120

Zoom option: <https://go.rutgers.edu/schwartz-seminar>



Whole-body nutrient homeostasis is critical for healthy growth, successful reproduction, and survival. Specialized brain nutrient-sensing cells monitor nutrients and meal-related signals, provide feedback responses to maintain internal nutrient availability, and adapt physiological functions according to environmental nutrient fluctuations. Maladaptive functioning of these pathways may underlie multiple pathophysiological conditions, including cardiometabolic and neurodegenerative diseases.