

The Department of Nutritional Sciences Fall 2024 Seminar Series

"Ameliorating Bitterness to Improve Medical and Nutritional Compliance"

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Wednesday, December 11, 2024 @ 2:15 PM
FSNS Building, 65 Dudley Road, New Brunswick, Room 120

Zoom option: <https://go.rutgers.edu/Breslin-Seminar>



Bitter taste can interfere both with intake of healthy vegetables and with pharmaceuticals, especially in children. Failure to comply medically in general can be life threatening, particularly for rapidly mutating pathogens. There are multiple strategies that can be employed to reduce bitterness from cognitive perceptual interactions, to peripheral modulation of bitter taste receptors, outright inhibition of taste receptors, and interfering with taste bud-brain neural signaling. In this talk, I will give a description of successful strategies and ongoing work in this area with implications for medical and nutritional compliance in children.