



Psychiatry and Neuroscience Seminar Series

Pr Suzanne DICKSON



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Exploring the dark side of ghrelin's role in appetite regulation

Friday June 1st, 2018, 12 pm

Room R04-45, 102-108 rue de la santé - 75014 Paris

Pr Suzanne DICKSON

The Sahlgrenska Academy at the University of Gothenburg, Sweden

Our primary research interest is the neurobiology of appetite with particular emphasis on understanding how food intake and feeding behavior is controlled. We are interested in disease mechanisms that lead to obesity and eating disorders. One major focus is to determine the effects of endocrine and metabolic signals, such as ghrelin, on brain networks that control food intake. These brain networks include pathways involved in energy balance, reward and emotion. We have active research programs that pursue the physiological brain targets for the circulating hormone, ghrelin, and to understand how the brain ghrelin signalling system may be developed as a therapeutic target. We combine classical behavioural studies with electrophysiology, neuroanatomy and molecular biology with a view to better understand biological events at the level of the organism.

Body weight homeostat that regulates fat mass independently of leptin in rats and mice. Jansson J, et al. Proc Natl Acad Sci U S A. 2018;115(2):427-432