

第375回 難研セミナー

下記により難研セミナーを開催しますので、多数御来聴下さい。

記

日 時：平成18年10月31日（火） 17:00～19:00

場 所：難治疾患研究所〔駿河台地区〕2階セミナー室

演 者： Joel K. Elmquist DVM, PhD
(The University of Texas Southwestern Medical Center)

演 題： Unraveling the CNS Pathways Underlying Coordinated Body Weight and Glucose Homeostasis

要 旨： The hypothalamus is a brain region that is required for multiple functions. In this talk, we will describe our recent findings using mouse models that allow the specific manipulation of leptin receptors and ghrelin receptors in specific neuronal populations. We will focus much of our attention on the arcuate nucleus of the hypothalamus, regions that contain leptin and ghrelin responsive melanocortin neurons. We will also discuss the effects of leptin and ghrelin receptor manipulation in sites outside the arcuate nucleus. Finally, we will offer a model describing a set of integrated behavioral, endocrine and autonomic responses to different states of energy balance and food availability that ultimately results in coordinated body weight and glucose homeostasis.

連絡先： 分子代謝医学分野・小川佳宏（内線8109）

本セミナーは、分子神経科学分野 田中 光一 教授（内線5846）との共催です。