

## Developmental Influences on Circuits Regulating Food Intake and Body Weight

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【日時】 平成27年7月27日(月)16:00-17:30

【場所】 生体調節研究所 1階会議室

【要旨】 Patterns of increased adiposity and food intake in overweight children persist to adulthood, consistent with the idea that some metabolic set-points are established at a young age.

We study two distinct developmental processes that could impart persistent influences on metabolic phenotypes: (1) maternal influences on the development of hypothalamic feeding circuits; and (2) the establishment of defended body weight set-points in the pubertal transition.

By applying the rigor and precision of basic developmental neuroscience to the physiology of obesity, we are producing new insights into the causes of and potential therapeutic strategies to combat childhood obesity.

体重調節にかかわる視床下部の神経回路形成の研究に関して第一線で活躍されているDr. Zeltserに、神経科学大会2015での講演予定のものとは違う内容の講演をお願いしました。ふるってご参加ください。

### 【参考文献】

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