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Circadian rhythms of hormone secretion and obesity

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Abstract

The adipose tissue homeostasis is profoundly affected by circadian rhythms of corticosteroid secretion and chronic loss of hormonal oscillations is associated with obesity. How adipose tissue differentially responds to pulsatile versus continuous presence of glucocorticoids is poorly defined. To address this question, Bahrami-Nejad et al., studied differentiation of pre-adipocytes,

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The circadian clock has been reported to regulate metabolism and energy ... for obesity and how the circadian clock is influenced by hormones, nutrients, and from feeding, food metabolites, or hormones whose secretion is controlled by ...

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Circadian Rhythms and Obesity in Mammals - NCBI - NIH

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作者 : O Froy - 2012 - 被引用次数 : 29 - 相关文章

2012年11月18日 - 7. Circadian Rhythms of Hormone and Metabolic Disorders ... although the obese group had significantly higher average peak of secretion [84].

The Impact of Sleep and Circadian Disturbance on Hormones and ...

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hormone secretion

Circadian rhythm



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JFC Justus , ACL Campos , FQ Milléo , ... - 《Publicatio Uepg ... - - 被引量: 0

Although it is known that some hormones exhibit circadian rhythms, not so much is known about whether they are disrupted in obesity and also if their levels can be normalized after ... The secretion of hormones such as insulin, leptin ...

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obese patients

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As a result, tissue-specific hormone expression and secretion and metabolic pathways exhibit circadian oscillation. In addition, the SCN dictates rhythms of ...

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Circadian disruption leads to insulin resistance and obesity - NCBI - NIH

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3595381/> ▼ 翻译此页

作者 : S Shi - 2013 - 被引用次数 : 219 - 相关文章

2013年2月21日 - These daily oscillations are controlled by the circadian biological clock [1]. ... Many hormones that modulate insulin secretion, glucose homeostasis, and feeding are regulated cyclically by the circadian system, including orexin, leptin, glucagon, cortisol, growth hormone, catecholamines, and melatonin [6, 7].

The Impact of Sleep and Circadian Disturbance on Hormones and ...

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