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食欲素调控机体糖代谢

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Orexin: Regulation in Body Glucose Metabolism

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摘要 下丘脑食欲素(orexin)是调节睡眠与觉醒、饮食行为、情感、自主神经活动以及全身糖代谢的主要神经肽之一。本文综述了下丘脑orexin在机体糖代谢平衡中的主要作用,阐述了orexin在糖代谢中的作用模式及其分子机制。

关键词： 食欲素 神经元 下丘脑 糖代谢

Abstract： Hypothalamic orexin are known to regulate sleep/wake, feeding behavior, emotions, autonomic nerve activity, and whole-body glucose metabolism. This review mainly discussed the mian roles of orexin in glucose metabolism balance, and the action model and molecular mechanism in glucose metabolism.

Keywords： orexin, neuron, hypothalamus, glucose metabolism

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