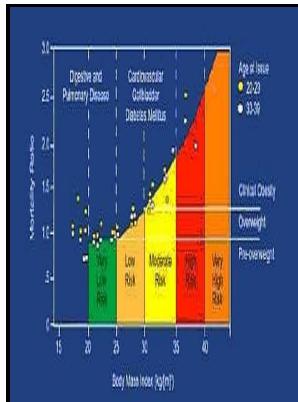


Neuropeptide Y and energy balance - one way ahead for the treatment of obesity?

-- Hypothalamic NPY status during positive energy balance and the effects of the NPY antagonist, BW1229U91, on the consumption of highly palatable energy



Description: -

-Neuropeptide Y and energy balance - one way ahead for the treatment of obesity?

-

Staff and educational development series
European journal of clinical investigation -- v.24, no.5Neuropeptide

Y and energy balance - one way ahead for the treatment of obesity?

Notes: Taken from European journal of clinical investigation, vol.24, 1994, pp.293-308.

This edition was published in 1959



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Tags: #The #serotonin #(5

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Other food habits like smoking and alcohol consumption lowers body weight and results in higher BMI respectively. This article highlights various preventive aspects and treatment procedures of obesity with special emphasis on the latest research manifolds. Enhanced carbohydrate oxidation observed after NPY administration was attenuated by UcnI 10 pmol pretreatment and observed over the entire 4-h test period.

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Apparatus Oxygen consumption O₂ and carbon dioxide CO₂ production were measured using an Oxyscan open-circuit calorimetry system AccuScan Instruments, Inc. During testing, a stainless steel insert was placed on the floor of the home cage allowing food intake to be corrected for spillage.

Neuropeptide Y, α

The drug pramlintide, a synthetic analogue of amylin is currently in phase III trials. This suggested that NPY-induced hyperinsulinaemia could be responsible for the upregulation of ob mRNA levels of NPY-infused rats.

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Interactions between leptin and hypothalamic neuropeptide Y neurons in the control of food intake and energy homeostasis in the rat Diabetes 1997 46: 335—341. Coordinated changes in energy intake and expenditure following hypothalamic administration of neuropeptides involved in energy balance.

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