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Sub-cellular organization of the melanin-concentrating hormone neurons in the hypothalamus

Running title:

Melanin-concentrating hormone neuron organization.

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Highlights

- Hypothalamic melanin-concentrating hormone (MCH) producing neurons were investigated by immunofluorescence labelling. Comparison of the subcellular localization of MCH and cocaine- and amphetamine regulated transcript (CART) suggests that the two polypeptides, after being synthesized and processed in the endoplasmic reticulum/Golgi complex, are sorted into separate vesicles, which then enter into the cell processes.

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