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Title: Reduced learning and memory performances in high-fat treated hamsters related to brain neurotensin receptor1 expression variations

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Reduced learning and memory performances in high-fat treated hamsters related to brain neurotensin receptor1 expression variations

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Highlights:

- High fat diet modifies NOR (recognition) and CPP (reward) performances;
- Feeding behaviors and body weight alterations in hyperlipidemic hamsters;
- Elevated lipid and glucose blood levels were caused by high fat diet;
- Neurotensin receptor expression variations in limbic areas due to high fat diet;

Abstract

Recent indications are suggesting that high fat and sugar-enriched foods do not only evoke harmful physiological conditions, but they also endure evident structural alterations in cerebral

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