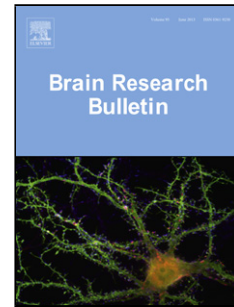


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Authors: Seraid Caynas-Rojas, Gabriela Rodríguez-García, Ilse Delint-Ramírez, María Isabel Miranda



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## Differential function of medial prefrontal cortex catecholaminergic receptors after long-term sugar consumption

Seraid CAYNAS-ROJAS<sup>a</sup>, Gabriela RODRÍGUEZ-GARCÍA<sup>a</sup>, Ilse DELINT-RAMÍREZ<sup>b</sup>, María Isabel MIRANDA<sup>a\*</sup>

<sup>a</sup> Departamento de Neurobiología Conductual y Cognitiva, Instituto de Neurobiología, UNAM, Campus Juriquilla, Querétaro, Qro. 76230, México.

<sup>b</sup> Departamento de Farmacología y Toxicología, Facultad de Medicina, Universidad Autónoma de Nuevo León, Monterrey, Mexico, 64460, México.

\* Corresponding author. Tel: +52-55-56234039; fax: +52-55-56234046. E-mail address: mirandami@unam.mx (M. I. Miranda).

### Highlights

- Long-term sugar consumption induces functional changes of catecholaminergic receptors
- $\beta$ -adrenergic receptors activation prevents memory extinction only after long-term sugar consumption
- $\beta$ -adrenergic receptors blockade increases latent inhibition only after short sugar exposure
- Dopaminergic receptors blockade disrupts preference expression only after long-term sugar consumption

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