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Title: A study of the effects of maternal high fat diet on behavioural responses to acute and repeated administrations of cocaine in rat offspring

Authors: Aya Sasaki, Patrick O. McGowan, Suzanne Erb



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**Author names and affiliations**

Aya Sasaki<sup>1,2</sup>, Patrick O McGowan<sup>1,2,3,4</sup>, Suzanne Erb<sup>1,4</sup>

(1) Cell and Systems Biology, University of Toronto, 1265 Military Trail, Toronto, ON, M1C 1A4, Canada

(2) Biological Sciences, University of Toronto Scarborough, 1265 Military Trail, Toronto, ON, M1C 1A4, Canada

(3) Physiology, University of Toronto, Toronto, ON, M1C 1A4, Canada

(4) Psychology, University of Toronto Scarborough, 1265 Military Trail, Toronto, ON, M1C 1A4, Canada

**Corresponding Author:**

Suzanne Erb, PhD  
University of Toronto Scarborough  
1265 Military Trail  
Toronto, ON M1C 1A4  
Email: [erb@utsc.utoronto.ca](mailto:erb@utsc.utoronto.ca).  
Tel: +1-416-287-7454; fax: +1-416-287-5612.

**Highlights**

- Both male and female adult offspring were responsive to the acute activational effects of cocaine;
- Both male and female adult offspring exhibited a strong cocaine-conditioned locomotor response after repeated cocaine administrations;
- Maternal diet did not interact in these effects of cocaine.

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