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Differential vulnerability to adverse nutritional conditions in male and female rats: modulatory role of estradiol during development

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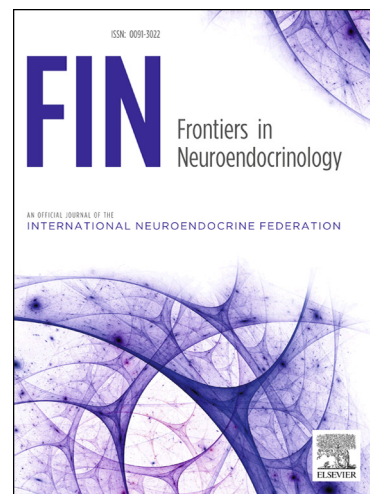
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Article Title: DIFFERENTIAL VULNERABILITY TO ADVERSE NUTRITIONAL CONDITIONS IN MALE AND FEMALE RATS: MODULATORY ROLE OF ESTRADIOL DURING DEVELOPMENT

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TITLE: DIFFERENTIAL VULNERABILITY TO ADVERSE NUTRITIONAL CONDITIONS IN MALE AND FEMALE RATS: MODULATORY ROLE OF ESTRADIOL DURING DEVELOPMENT

HIGHLIGHTS:

- Malnutrition during development has long term effects on feeding regulation
- Under- and over-nutrition produce differential effects on male and female rats
- Estradiol modulates effects of malnutrition differentially depending on sex
- Estradiol might be involved in programming energy metabolism during development

ABSTRACT

Many studies have shown the importance of an adequate nutritional environment during development to optimally establish the neurohormonal circuits that regulate feeding behaviour. Under- or over-nutrition during early stages of life can lead to alterations in the

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