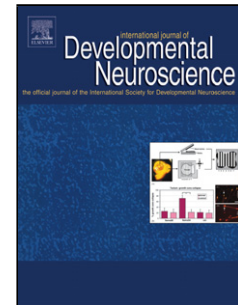


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Effect of Maternal Antioxidant Supplementation and/or Exercise Practice during Pregnancy on Postnatal Overnutrition Induced by Litter Size Reduction: Brain Redox Homeostasis at Weaning

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Highlights

- Maternal interventions do not cause alterations in the maternal outcome and offspring growth
- Litter size reduction enhanced fat mass and body weight at weaning
- Encephalic structures present altered antioxidant enzymes activities in response to litter size reduction
- When maternal exercise and naringenin supplementation were allied, most of the effects disappeared, suggesting a concurrent effect of the two maternal interventions

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