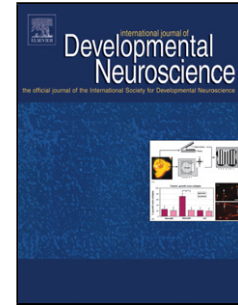


## Accepted Manuscript

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**The reduction in sexual behavior induced in male rats by neonatal immune stress is not related to androgen levels**

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**Highlight**

- Mechanism by which neonatal stress reduces sexual behavior in male rats was examined
- ▶ Neonatal immune stress reduced sexual behavior, suppressed the serum T
- ▶ Hypothalamic mRNA expression of *GnRH* and the *PR* in adulthood
- ▶ Changes of hypothalamic factors are related in alteration of sexual behavior.

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