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Title: The effect of neonatal immune challenge on reproduction by altering intraovarian kisspeptin/GPR54 system in the rat

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The effect of neonatal immune challenge on reproduction by altering intraovarian kisspeptin/GPR54 system in the rat

Running head: WANG et al: THE ALTERATION OF INTRAOVARIAN KISSPEPTIN/GPR54 SYSTEM BY NEONATAL IMMUNE CHALLENGE

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Highlights

Neonatal immune challenge resulted in reproductive dysfunction.

The mechanism may rely on up-regulated expression of ovarian kisspeptin.

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