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Fear extinction in an obsessive-compulsive disorder animal model: influence of sex and estrous cycle

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Highlights:

mCPP increases grooming expression in both male and female rats

mCPP does not affect fear extinction in a cued fear conditioning paradigm

mCPP impairs contextual fear extinction retention in female rats

mCPP-induced retention deficits are stronger in females during metestrus/diestrus phases

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