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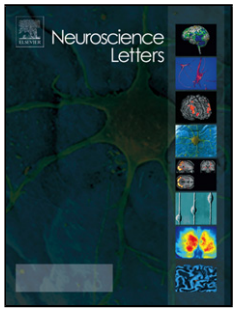

Title: Effects of combined brief etomidate anesthesia and postnatal stress on amygdala expression of Cl- cotransporters and corticotropin-releasing hormone and alcohol intake in adult rats

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Effects of combined brief etomidate anesthesia and postnatal stress on amygdala expression of Cl^- cotransporters and corticotropin-releasing hormone and alcohol intake in adult rats

Running title: Neonatal etomidate anesthesia, amygdala, and adult alcohol intake

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Brief summary: Neonatal rat exposure to etomidate followed by a single episode of maternal separation results in long-term increases in amygdala *Nkcc1*/*Kcc2* mRNA ratio and *Crh* mRNA levels.

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Highlights

- Subsequent stress potentiated developmental effects of neonatal etomidate in rats
- The effects included altered expressions of Cl^- transporters and *Crh* in the amygdala
- Exposed and unexposed rats exhibited opposite changes in alcohol consumption
- The effects were sex-specific with greater changes in males