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Acylethanolamides and endocannabinoid signaling system in dorsal striatum of rats exposed to perinatal asphyxia

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Running title: Perinatal asphyxia and acylethanolamide/endocannabinoid signaling Highlights

- Perinatal asphyxia results in astrogliosis in the dorsal striatum
- Perinatal asphyxia induces a decrease in the expression of NAPE-PLD in dorsal striatum
- Perinatal asphyxia decreases the expression of PPAR α receptor in dorsal striatum
- Acylethanolamides and the endocannabinoid system play a key role in perinatal asphyxia

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