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Research report

Abnormal neural precursor cell regulation in the early postnatal Fragile X mouse hippocampus

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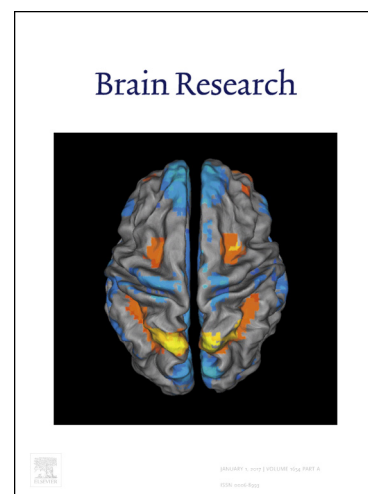
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**Abnormal neural precursor cell regulation in the early postnatal Fragile X mouse
hippocampus**

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Running Head: Neural Precursor Cells in Fragile X

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Research Highlights:

- Aberrant *in vitro* regulation of *Fmr1*-KO neural precursor cells.
- Proliferation of hippocampal NPCs is decreased in early postnatal *Fmr1*-KO brains.
- Smaller proportion of NSCs and higher proportion of neuroblasts in the P7 *Fmr1*-KO DG.

Keywords: Fragile X Syndrome; neural stem cells; neurospheres; cell cycle; *Fmr1*-knockout

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