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TNF- α -induced decreased hippocampal precursor
proliferation

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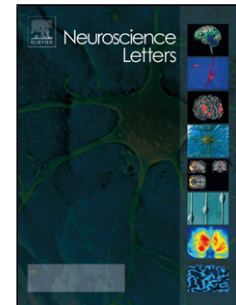
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**Postnatal administration of memantine rescues TNF- α -induced
decreased hippocampal precursor proliferation**

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Highlights

- **Memantine rescues TNF- α -mediated inhibition of cellular proliferation in the DG.**
- **Memantine reverses the TNF- α -mediated reduction of the NPC pool in the DG.**
- **Memantine treatment reverses the TNF- α -induced microglia activation and up-regulation of hippocampal NF- κ B, MCP-1 and IL-6 mRNA levels.**

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