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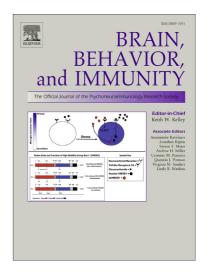
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### ACCEPTED MANUSCRIPT

# Dynamic microglial modulation of spatial learning and social behavior

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#### **Highlights:**

- Local hippocampal microglial depletion alters learning and social behavior
- Systemic microglia depletion alters learning but not social behavior
- These behavioral changes are reversed upon microglial repopulation

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