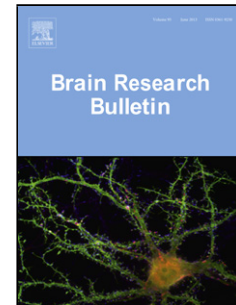


## Accepted Manuscript

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PII: S0166-4328(17)31188-9  
DOI: <https://doi.org/10.1016/j.bbr.2017.12.019>  
Reference: BBR 11219

To appear in: *Behavioural Brain Research*

Received date: 18-7-2017  
Revised date: 11-12-2017  
Accepted date: 12-12-2017

Please cite this article as: Zhang M, Jadavji NM, Yoo H-S, Smith PD, Recombinant growth differentiation factor 11 influences short-term memory and enhances Sox2 expression in middle-aged mice, *Behavioural Brain Research* (2010), <https://doi.org/10.1016/j.bbr.2017.12.019>

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# **Recombinant growth differentiation factor 11 influences short-term memory and enhances Sox2 expression in middle-aged mice**

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## **Highlights**

- Single dose of rGDF-11 improved visual short-term memory in middle-aged mice.
- No changes in spatial short-term memory were observed in middle-aged mice.
- rGDF-11 treatment did not affect short-term memory in young mice.
- Young mice treated with rGDF-11 had increased levels of phospho-Smad2/3 in brain.

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