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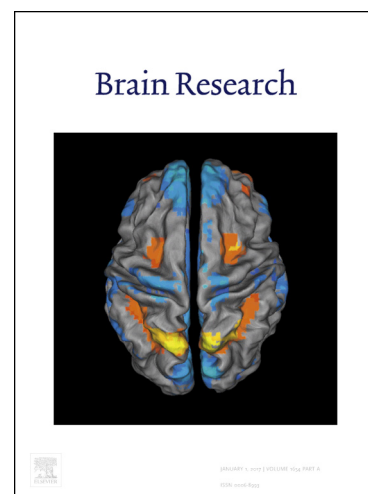
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# ***Role of TGF- $\beta$ 1/Smad3-mediated fibrosis in drug resistance mechanism of prolactinoma***

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## **Abbreviations:**

bromocriptine (BRC)

DA-resistant prolactinomas (DARPs)

dopamine agonists (DAs)

transforming growth factor (TGF)

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