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Title: ATP-sensitive potassium-channel inhibitor glibenclamide attenuates HPA axis hyperactivity, depression- and anxiety-related symptoms in a rat model of Alzheimer's disease

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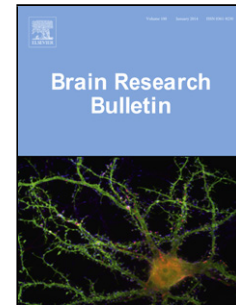
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ATP-sensitive potassium-channel inhibitor glibenclamide attenuates HPA axis hyperactivity, depression- and anxiety-related symptoms in a rat model of Alzheimer's disease

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Research Highlights

- A β 25-35 microinjection induced anxiety- and depression-like behaviors in rats
- A β 25-35 microinjection increased corticosterone and HPA axis activity in rats
- Glibenclamide decreased A β 25-35-induced behavioral abnormalities in rats
- Glibenclamide reduced A β 25-35-induced HPA axis hyperactivity in rats
- Glibenclamide, a K_{ATP} channel inhibitor, may be a therapeutic target for AD

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