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# ACCEPTED MANUSCRIPT

## **Thinking about Brain Insulin Resistance**

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## **Thinking about Brain Insulin Resistance**

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#### ABSTRACT

**Introduction:** dementia and type 2 diabetes mellitus (T2DM) are two of the epidemics of our time; in which insulin resistance (IR) is playing the central role. Epidemiological studies found that different types of dementia development may be promoted by the presence of T2DM. **Objectives:** we aimed in this review to highlight the role of insulin and the IR in the brain as a pathophysiological factor of dementia development and also to expand our understanding of

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