

[Alzheimer's Disease And Type 2 Diabetes: Exploring The ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5002347>

Jun 01, 2012 · Alzheimer's disease (AD) and type 2 diabetes mellitus (T2DM) are two debilitating health disorders afflicting millions worldwide. Recent research has revealed similarities between AD and T2DM. Both these protein conformational disorders are associated with obesity, insulin resistance, inflammation and endoplasmic reticulum stress, en-route initiation and/or stage aggravation.

Cited by: 31 Author: Medha Priyadarshini, Mohammad A. Ka...
Publish Year: 2012

Frontiers | Alzheimer's Disease and Type 2 Diabetes: A ...

<https://www.frontiersin.org/articles/10.3389/fnins.2018.00383>

Alzheim
Medical Conditio

A type of brain c
problems with m
behavior.

📊 Very comm
cases per y

👤 Often requir

🧪 Treatments
no known

Type 2 Diabetes Mellitus and Alzheimer's Disease

<https://pubmed.ncbi.nlm.nih.gov/25512792>

Epidemiological and biological evidences support a link between **type 2 diabetes mellitus** (DM2) and **Alzheimer's disease** (AD). Persons with **diabetes** have a higher incidence of cognitive decline and an increased risk of developing all types of **dementia**. Cognitive deficits in persons with **diabetes** mainl ...

Cited by: **188** Author: Mario Barbagallo, Ligia J Dominguez

Publish Year: 2014

Frontiers | Alzheimer's Disease and Type 2 Diabetes: A ...

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Cited by: **74** Author: Shreyasi Chatterjee, Amritpal Mudher

Publish Year: 2018

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Is T2DM related to Alzheimer's disease? ▾

Is diabetes a risk factor for vascular dementia? ▾

How does Alzheimer's cause dementia? ▾

Name of Journal: *World Journal of Diabetes*

Manuscript NO: 64249

Manuscript Type: REVIEW

Alzheimer's disease and type 2 diabetes mellitus: pathophysiologic and pharmacotherapeutics links

Alzheimer's disease and type 2 diabetes mellitus

Abstract

At present, Alzheimer's disease (AD) and type 2 diabetes mellitus (T2DM) are two highly prevalent disorders worldwide, especially among elderly individuals. T2DM appears to be associated with cognitive dysfunction, with a higher risk of developing neurocognitive disorders, including AD. These diseases have been observed to share various pathophysiological mechanisms, including alterations in insulin signaling, defects in glucose transporters (GLUTs), and mitochondrial dysfunctions in the brain. Therefore, the aim of this review is to summarize the current knowledge regarding the

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Feedback

Shared Links Between Type 2 Diabetes Mellitus and ...

<https://pubmed.ncbi.nlm.nih.gov/26907971>

Epidemiological studies have proved that, there are pathophysiological connections between Type 2 Diabetes Mellitus (T2DM) and Alzheimer's disease (AD). Diabetic patients have higher incidences of cognitive impairment and hence they are more at the risk of developing AD.

Cited by: 117 Author: Khyati Mittal, Deepshikha Pande Katare
Publish Year: 2016