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Cited by: 237 Author: Kawser Akter, Emily A. Lanza, Stephen ...

Publish Year: 2011

### Genomic insights into the causes of type 2 diabetes - The ...

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Genome-wide association studies have implicated around 250 genomic regions in predisposition to type 2 diabetes, with evidence for causal variants and genes emerging for several of these regions. Understanding of the underlying mechanisms, including the interplay between  $\beta$ -cell failure, insulin sensitivity, appetite regulation, and adipose storage has been facilitated by the integration of ...

Cited by: 16 Author: Claudia Langenberg, Luca A Lotta

Publish Year: 2018

### Oxidative toxicity in diabetes and Alzheimer's disease ...

<https://jbiomedsci.biomedcentral.com/articles/10.1186/s12929-017-0379-z>

Sep 19, 2017 - Reactive oxidative species (ROS) toxicity remains an undisputed cause and link between Alzheimer's disease (AD) and Type-2 Diabetes Mellitus (T2DM). Patients with both AD and T2DM have damaged, oxidized DNA, RNA, protein and lipid products that can be used as possible disease progression markers.

Cited by: 58 Author: Waqar Ahmad, Bushra Ijaz, Khadija Shab...

Publish Year: 2017

### Linking type 2 diabetes and Alzheimer's disease | PNAS

<https://www.pnas.org/content/107/15/6557>

Apr 13, 2010 - Since the initial Rotterdam study suggesting an increased risk to develop dementia and Alzheimer's disease (AD) in patients with type 2 diabetes mellitus (T2D), a number of clinical and epidemiological studies have provided further direct evidence to strengthen the link between T2D and AD (1, 2).

Cited by: 86 Author: Weiping Han, Cai Li

Publish Year: 2010

**Name of Journal:** *World Journal of Diabetes*

**Manuscript NO:** 53262

**Manuscript Type:** REVIEW

**Shared (epi)genomic background connecting neurodegenerative diseases and type 2 diabetes**

Caputo V *et al.* Shared genomics connecting neurodegeneration and T2D

Valerio Caputo, Andrea Termine, Claudia Strafella, Emiliano Giardina, Raffaella Cascella

### Abstract

The progressive aging of populations has resulted in an increased prevalence of chronic pathologies, especially of metabolic, neurodegenerative and movement disorders. In particular, type 2 diabetes (T2D), Alzheimer's disease (AD) and

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**Author:** Ava Nasrolahi, Javad Mahmoudi, Ali N... **Publish Year:** 2019

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