

Special Issue

The Link between Diabetes and Neurodegenerative Diseases

Message from the Guest Editor

Nowadays, our society has a long life expectancy. Diabetes and neurodegeneration are two progressive and age-related groups of diseases, being interconnected. Although both pathologies have a genetic component, many other factors are involved in the appearance of both disorders. During recent years, different mechanisms have been proposed in the linkage between these two groups of affections. However, the precise molecular and cellular actors in the connection are unknown to this date. In this Special Issue, the main pathways, molecules and structures implicated in the appearance, progression and susceptibility to suffer a neurodegenerative disease whilst having diabetes and vice versa will be analyzed.

Keywords:

- type 2 diabetes
- neurodegeneration
- exosomes
- amylin
- protein aggregates
- mitochondrial dysfunction
- alpha-synuclein
- insulin resistance
- brain insulin resistance
- ER stress
- autophagy
- mitophagy
- obesity
- aging

Guest Editor

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About the Journal

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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