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## Google 学术 : Using induced pluripotent stem cells to explore the role of mitochondrial dysfunction in Alzheimer's disease

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... against oxidative stress, mitochondrial dysfunction, and ... - Lemasters - 被引用次数 : 779

## Using induced pluripotent stem cells to explore genetic and epigenetic ...

<https://www.ncbi.nlm.nih.gov/pubmed/28969469> - 翻译此页

作者 : J Imm - 2017 - 被引用次数 : 3 - 相关文章

2017年10月3日 - Using induced pluripotent stem cells to explore genetic and epigenetic variation associated with Alzheimer's disease. ... With the advent of somatic cell reprogramming into induced pluripotent stem cells it is now possible to generate patient-derived cells that are able to more accurately model and recapitulate disease.

缺少字词 : mitochondrial dysfunction

## Induced pluripotent stem cells in Alzheimer's disease: applications for ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4869261/> - 翻译此页

作者 : J Yang - 2016 - 被引用次数 : 27 - 相关文章

2016年5月17日 - The use of recently developed and optimized induced pluripotent stem cells ...

Keywords: Alzheimer's disease, Cell-replacement therapy, Disease modeling, ... mitochondrial cascade hypothesis [8], oxidative stress hypothesis [9] and ... and exploring more efficient therapeutic strategies for AD treatment.

## Mitochondrial dysfunction and oxidative stress in induced pluripotent ...

[https://www.researchgate.net/.../328818428\\_Mitochondrial\\_dysfunction\\_and...](https://www.researchgate.net/.../328818428_Mitochondrial_dysfunction_and...) - 翻译此页

2018年12月12日 - In this review we focus on the role of mitochondrial dysfunction and ... and Cellular Alterations Associated with Alzheimer's Disease ..... Solving the puzzle of Parkinson's disease using induced pluripotent stem cells ... However, traditional in vitro and in vivo experimental models to study PD are suboptimal, ...

**Name of journal:** *World Journal of Stem Cells*

**Manuscript no.** 45091

**Manuscript type:** REVIEW

**Modelling mitochondrial dysfunction in Alzheimer's disease using human induced pluripotent stem cells**

Hawkins KE *et al.* Using iPSCs to study AD

Kate Elizabeth Hawkins, Michael R Duchen

## Abstract

Alzheimer's disease (AD) is the most common form of dementia. To date, only five

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The role of induced pluripotent stem cells in ... - Peng - 被引用次数 : 24

... disease using induced pluripotent stem cells - Byers - 被引用次数 : 60

## Deconstructing Mitochondrial Dysfunction in Alzheimer Disease

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3693159/> ▼ 翻译此页

作者 : V García-Escudero - 2013 - 被引用次数 : 89 - 相关文章

2013年5月23日 - In FAD, increased A $\beta$  may result in mitochondrial dysfunction and ..... for the proper study of mitochondrial function the use of living cells is necessary. ... using fibroblasts for the generation of induced pluripotent stem cells ...

## Induced pluripotent stem cells in Alzheimer's disease: applications for ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4869261/> ▼ 翻译此页

作者 : J Yang - 2016 - 被引用次数 : 29 - 相关文章

2016年5月17日 - The use of recently developed and optimized induced pluripotent stem cells ...  
Keywords: Alzheimer's disease, Cell-replacement therapy, Disease modeling, ... mitochondrial cascade hypothesis [8], oxidative stress hypothesis [9] and ... and exploring more efficient therapeutic strategies for AD treatment.

## Modelling Sporadic Alzheimer's Disease Using Induced Pluripotent ...

<https://link.springer.com/article/10.1007/s11064-018-2663-z> - 翻译此页

作者 : HA Rowland - 2018 - 相关文章

2018年11月1日 - Sporadic Alzheimer's disease Induced pluripotent stem cells Neurons Glial .... This highlights the importance of using cultures of appropriate maturity for ..... Mitochondrial dysfunction has been explored in several different ...