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1 **Name of Journal:** *World Journal of Biological Chemistry*

2 **Manuscript NO:** 41581

3 **Manuscript Type:** Minireviews

5 **Role of stim1 in neurodegeneration**

7 **Carlos Pascual-Caro, Noelia Espinosa-Bermejo, Eulalia Pozo-Guisado, Francisco**  
8 **Javier Martin-Romero**

10 **1.7 Abstract**

11 STIM1 is an endoplasmic reticulum (ER) protein with a key role in Ca<sup>2+</sup> mobilization.  
12 Due to its ability to act as an ER-intraluminal Ca<sup>2+</sup> sensor, it regulates store-operated  
13 Ca<sup>2+</sup> entry (SOCE), which is a Ca<sup>2+</sup> influx pathway involved in a wide variety of  
14 signalling pathways in eukaryotic cells. Despite its important role in Ca<sup>2+</sup> transport,

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<https://www.futuremedicine.com/doi/full/10.2217/nmt-2017-0053> - 翻译此页

作者 : E Popugaeva - 2018 - 被引用次数 : 1 - 相关文章

2018年1月3日 - Neurodegenerative Disease Management Vol. 8, No. ... The role of STIM1 in control of neuronal L-type Ca<sup>2+</sup> channel activity [10] and feedback ...

## STIM1 deficiency is linked to Alzheimer's disease and triggers ... - NCBI

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2018年8月7日 - STIM1 deficiency is linked to Alzheimer's disease and triggers cell death in ... To study the role of STIM1 in neurodegeneration, a strategy was ...

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作者 : J Gruszczynska-Biegala - 2011 - 被引用次数 : 92 - 相关文章

2011年4月26日 - Thus, even in non-excitabile cells, the function of STIM proteins has not ... homeostasis observed in neurodegenerative diseases (reviewed by ...

## STIM and ORAI proteins in the nervous system - NCBI - NIH

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## Differential roles for STIM1 and STIM2 in store-operated calcium entry ...