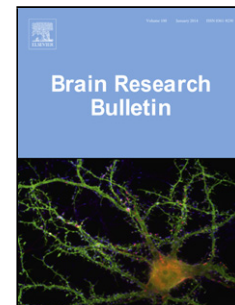


Accepted Manuscript

Title: Myelin injury in the central nervous system and Alzheimer's diseases

Authors: Sha-Sha Wang, Zhao Zhang, Tian-Bi Zhu, Shi-Feng Chu, Wen-Bin He, Nai-Hong Chen



PII: S0361-9230(18)30201-6
DOI: <https://doi.org/10.1016/j.brainresbull.2018.05.003>
Reference: BRB 9423

To appear in: *Brain Research Bulletin*

Received date: 15-3-2018
Revised date: 18-4-2018
Accepted date: 2-5-2018

Please cite this article as: Sha-Sha Wang, Zhao Zhang, Tian-Bi Zhu, Shi-Feng Chu, Wen-Bin He, Nai-Hong Chen, Myelin injury in the central nervous system and Alzheimer's diseases, Brain Research Bulletin <https://doi.org/10.1016/j.brainresbull.2018.05.003>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Myelin injury in the central nervous system and Alzheimer's diseases

Sha-Sha Wang ^{1,2}, Zhao Zhang ², Tian-Bi Zhu ^{2,3}, Shi-Feng Chu ², Wen-Bin He ¹,
Nai-Hong Chen ^{1,2*}

¹ School of Basic Medicine, Shanxi University of Traditional Chinese Medicine, Taiyuan 030619, China

² State Key Laboratory of Bioactive Substances and Functions of Natural Medicines, Institute of Materia Medica & Neuroscience Center, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing 100050, China

³ College of Pharmacy, Hunan University of Chinese Medicine, Changsha 410208, China

* **Corresponding author at:** Department of Pharmacology, Institute of Materia Medica, Chinese Academy of Medical Sciences and Peking Union Medical College, 1 Xiannongtan Street, Xuanwu District, Beijing 100050, China. Nai-Hong Chen, E-mail: chennh@imm.ac.cn

Highlights

- Described the composition of myelin and its function.
- Clarified the inducement of myelin injury.
- Summarized the pathways associated with myelin injury.
- Collected the relationship between myelin injury and neurodegenerative disease.
- Discussed the mechanism of myelin injury in AD

Download English Version:

<https://daneshyari.com/en/article/8838826>

Download Persian Version:

<https://daneshyari.com/article/8838826>

[Daneshyari.com](https://daneshyari.com)