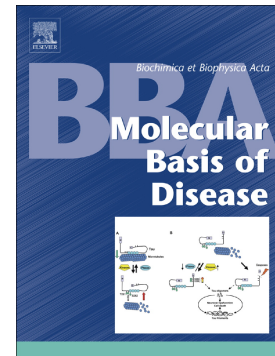


## Accepted Manuscript

GCN2 deficiency protects against high fat diet induced hepatic steatosis and insulin resistance in mice

Shasha Liu, Juntao Yuan, Wenhui Yue, Yanwei Bi, Xiyue Shen, Junlin Gao, Xin Xu, Zhongbing Lu



PII: S0925-4439(18)30252-7  
DOI: doi:[10.1016/j.bbadis.2018.07.012](https://doi.org/10.1016/j.bbadis.2018.07.012)  
Reference: BBADIS 65182  
To appear in: *BBA - Molecular Basis of Disease*  
Received date: 8 March 2018  
Revised date: 27 June 2018  
Accepted date: 9 July 2018

Please cite this article as: Shasha Liu, Juntao Yuan, Wenhui Yue, Yanwei Bi, Xiyue Shen, Junlin Gao, Xin Xu, Zhongbing Lu , GCN2 deficiency protects against high fat diet induced hepatic steatosis and insulin resistance in mice. *Bbadis* (2018), doi:[10.1016/j.bbadis.2018.07.012](https://doi.org/10.1016/j.bbadis.2018.07.012)

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.

## **GCN2 deficiency protects against high fat diet induced hepatic steatosis and insulin resistance in mice**

Shasha Liu<sup>1</sup>, Juntao Yuan<sup>1</sup>, Wenhui Yue<sup>1,2</sup>, Yanwei Bi<sup>3</sup>, Xiyue Shen<sup>1</sup>, Junlin Gao<sup>1</sup>, Xin Xu<sup>4\*</sup>, Zhongbing Lu<sup>1\*</sup>

<sup>1</sup>College of Life Science, University of Chinese Academy of Sciences, Beijing, 100049, China

<sup>2</sup>Department of Cardiology, Pan-Vascular Research Institute, Shanghai Tenth People's Hospital, Tongji University, Shanghai, 200072, China

<sup>3</sup>Shantou University Medical College, Shantou, 515041, China

<sup>4</sup>Department of Exercise Rehabilitation, Shanghai University of Sport, Shanghai, 200438, China

Running Title: GCN2 deficiency protects against hepatic steatosis

\* Corresponding authors:

Xin Xu, PhD

xxu2000@outlook.com

Zhongbing Lu, Ph.D,

College of Life Science, University of Chinese Academy of Sciences

19A Yuquanlu, Beijing, 100049, China

Fax: 86(10)69672630; Tel: 86(10)69672630

E-mail: [luzhongbing@ucas.ac.cn](mailto:luzhongbing@ucas.ac.cn)

Download English Version:

<https://daneshyari.com/en/article/8949181>

Download Persian Version:

<https://daneshyari.com/article/8949181>

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