Accepted Manuscript

A mechanism underlies fish GRP78 protection against Pb2+ toxicity

Bin Zhong, Xiangqin Wang, Huilin Mao, Yiqi Wan, Yi Liu, Tao Zhang, Chengyu Hu, Ph.D.

PII: S1050-4648(17)30183-3

DOI: 10.1016/j.fsi.2017.03.056

Reference: YFSIM 4525

To appear in: *Fish and Shellfish Immunology*

Received Date: 7 February 2017

Revised Date: 30 March 2017

Accepted Date: 31 March 2017

Please cite this article as: Zhong B, Wang X, Mao H, Wan Y, Liu Y, Zhang T, Hu C, A mechanism underlies fish GRP78 protection against Pb2+ toxicity, *Fish and Shellfish Immunology* (2017), doi: 10.1016/j.fsi.2017.03.056.

A mechanism underlies fish GRP78 protection against Pb2+ toxicity

Bin Zhong[1], Xiangqin Wang[1], Huilin Mao[1], Yiqi Wan[1], Yi Liu [2], Tao Zhang[1], Chengyu Hu[1*]

[1] *College of Life Science, Key laboratory of Poyang Lake Environment and Resource, Ministry of Education, Nanchang University, Nanchang 330022, China*

[2] *College of life sciences, Jiangxi Normal University, Nanchang 330022, China*

Correspondence to:

Chengyu Hu, Ph.D.

Department of Bioscience, College of life science, Nanchang University, Nanchang 330031, China.

Tel: +86-791-8831-7270, Fax: +86-791-8396-9530, E-mail: hucy2008@163.com