Accepted Manuscript

Proteomic characterization of the interactions between fish serum proteins and waterborne bacteria reveals the suppression of anti-oxidative defense as a serum-mediated antimicrobial mechanism

Miao Dong, Yimin Liang, Rajkumar Ramalingam, Sze Wing Tang, Wei Shen, Rui Ye, Singaram Gopalakrishnan, Doris Wai Ting Au, Yun Wah Lam

PII: \$1050-4648(17)30023-2

DOI: 10.1016/j.fsi.2017.01.013

Reference: YFSIM 4390

To appear in: Fish and Shellfish Immunology

Received Date: 29 July 2016

Revised Date: 6 January 2017 Accepted Date: 7 January 2017

Please cite this article as: Dong M, Liang Y, Ramalingam R, Tang SW, Shen W, Ye R, Gopalakrishnan S, Ting Au DW, Lam YW, Proteomic characterization of the interactions between fish serum proteins and waterborne bacteria reveals the suppression of anti-oxidative defense as a serum-mediated antimicrobial mechanism, *Fish and Shellfish Immunology* (2017), doi: 10.1016/j.fsi.2017.01.013.

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.



ACCEPTED MANUSCRIPT

- 1 Proteomic characterization of the interactions between fish serum proteins and waterborne
- 2 bacteria reveals the suppression of anti-oxidative defense as a serum-mediated antimicrobial
- 3 mechanism
- 4 Miao Dong, Yimin Liang, Rajkumar Ramalingam¹, Sze Wing Tang, Wei Shen, Rui Ye, Singaram
- 5 Gopalakrishnan, Doris Wai Ting Au*, Yun Wah Lam*
- 6 Department of Biology and Chemistry, City University of Hong Kong, Tat Chee Avenue, Kowloon,
- 7 Hong Kong
- 8 ¹ Present address: Institute of Medical Biology, A-STAR, Singapore
- 9 * Corresponding author
- 10 E-mail: bhdwtau@cityu.edu.hk (WTA)
- yunwlam@cityu.edu.hk (YWL)

12

Download English Version:

https://daneshyari.com/en/article/5540554

Download Persian Version:

https://daneshyari.com/article/5540554

<u>Daneshyari.com</u>