

Accepted Manuscript

Protective effects of chicken egg yolk immunoglobulins (IgY) against experimental *Aeromonas hydrophila* infection in blunt snout bream (*Megalobrama amblycephala*)

Zhendong Qin, V. Sarath Babu, Ningqiu Li, Tairan Fu, Jinqun Li, Lizhu Yi, Lijuan Zhao, Jun Li, Yang Zhou, Li Lin



PII: S1050-4648(18)30186-4

DOI: [10.1016/j.fsi.2018.04.001](https://doi.org/10.1016/j.fsi.2018.04.001)

Reference: YFSIM 5217

To appear in: *Fish and Shellfish Immunology*

Received Date: 4 March 2018

Revised Date: 1 April 2018

Accepted Date: 2 April 2018

Please cite this article as: Qin Z, Babu VS, Li N, Fu T, Li J, Yi L, Zhao L, Li J, Zhou Y, Lin L, Protective effects of chicken egg yolk immunoglobulins (IgY) against experimental *Aeromonas hydrophila* infection in blunt snout bream (*Megalobrama amblycephala*), *Fish and Shellfish Immunology* (2018), doi: 10.1016/j.fsi.2018.04.001.

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.

**Protective effects of chicken egg yolk immunoglobulins (IgY) against
experimental *Aeromonas hydrophila* infection in Blunt snout bream
(*Megalobrama amblycephala*)**

Zhendong Qin^{1,2†}, V Sarath Babu^{1†}, Ningqiu Li⁶, Tairan Fu^{1,2}, Jinquan Li⁵, Lizhu Yi^{1,2},
Lijuan Zhao¹, Jun Li^{1,3,4}, Yang Zhou^{2*}, Li Lin^{1,3*}

¹Guangzhou Key Laboratory of Aquatic Animal Diseases and Waterfowl Breeding,
Guangdong Provincial Key Laboratory of Waterfowl Healthy Breeding, College of
Animal Sciences and Technology, Zhongkai University of Agriculture and
Engineering, Guangzhou, Guangdong, 510225, China.

²College of Fisheries, Huazhong Agricultural University, Wuhan, Hubei, 430070,
China.

³Laboratory for Marine Fisheries Science and Food Production Processes, Qingdao
National Laboratory for Marine Science and Technology, Qingdao 266071, PR China.

⁴School of Biological Sciences, Lake Superior State University, Sault Ste. Marie, MI
49783, USA.

⁵College of Food Science and Technology, Huazhong Agricultural University, Wuhan,
Hubei, 430070, China.

⁶Key Laboratory of Fishery Drug Development, Ministry of Agriculture, Key
Laboratory of Aquatic Animal Immune Technology Guangdong Province, Guangzhou,
Guangdong, 510380, China

Download English Version:

<https://daneshyari.com/en/article/8498356>

Download Persian Version:

<https://daneshyari.com/article/8498356>

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