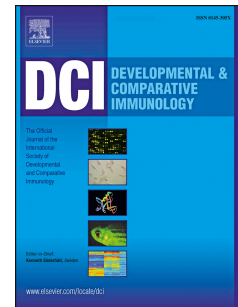


Accepted Manuscript

Comparative study of the adjuvant potential of four Th0 cytokines of flounder (*Paralichthys olivaceus*) on an *E. tarda* subunit vaccine

Ming Guo, Xiaoqian Tang, Xiuzhen Sheng, Jing Xing, Wenbin Zhan



PII: S0145-305X(18)30086-7

DOI: [10.1016/j.dci.2018.05.001](https://doi.org/10.1016/j.dci.2018.05.001)

Reference: DCI 3163

To appear in: *Developmental and Comparative Immunology*

Received Date: 22 February 2018

Revised Date: 19 April 2018

Accepted Date: 2 May 2018

Please cite this article as: Guo, M., Tang, X., Sheng, X., Xing, J., Zhan, W., Comparative study of the adjuvant potential of four Th0 cytokines of flounder (*Paralichthys olivaceus*) on an *E. tarda* subunit vaccine, *Developmental and Comparative Immunology* (2018), doi: 10.1016/j.dci.2018.05.001.

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.

1 **Comparative study of the adjuvant potential of four Th0 cytokines of flounder**
2 **(*Paralichthys olivaceus*) on an *E. tarda* subunit vaccine**

3 Ming Guo^a, Xiaoqian Tang^{a, b}, Xiuzhen Sheng^a, Jing Xing^{a, b}, Wenbin Zhan^{a, b, *}

4 ^a Laboratory of Pathology and Immunology of Aquatic Animals, KLMME, Ocean
5 University of China, 5 Yushan Road, Qingdao 266003, China

6 ^b Laboratory for Marine Fisheries Science and Food Production Processes, Qingdao
7 National Laboratory for Marine Science and Technology, Qingdao 266071, China

8 *Corresponding author: Wenbin Zhan

9 Email: wbzhan@ouc.edu.cn

Download English Version:

<https://daneshyari.com/en/article/8497674>

Download Persian Version:

<https://daneshyari.com/article/8497674>

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