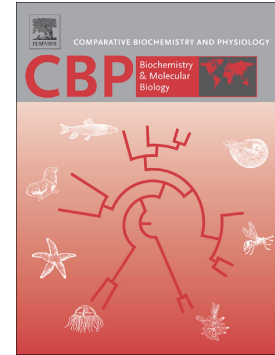


## Accepted Manuscript

Characterization of Midkine in tongue sole (*Cynoglossus semilaevis*) and its role on the germ layer genesis in zebrafish (*Danio rerio*)

Zhengrui Zhang, Zhenkui Qin



PII: S1096-4959(18)30098-8

DOI: doi:[10.1016/j.cbpb.2018.08.003](https://doi.org/10.1016/j.cbpb.2018.08.003)

Reference: CBB 10220

To appear in: *Comparative Biochemistry and Physiology, Part B*

Received date: 14 March 2018

Revised date: 27 July 2018

Accepted date: 6 August 2018

Please cite this article as: Zhengrui Zhang, Zhenkui Qin , Characterization of Midkine in tongue sole (*Cynoglossus semilaevis*) and its role on the germ layer genesis in zebrafish (*Danio rerio*). Cbb (2018), doi:[10.1016/j.cbpb.2018.08.003](https://doi.org/10.1016/j.cbpb.2018.08.003)

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.

**Characterization of *Midkine* in tongue sole (*Cynoglossus semilaevis*)  
and its role on the germ layer genesis in zebrafish (*Danio rerio*)**

**Zhengrui Zhang<sup>a</sup>, Zhenkui Qin<sup>a\*</sup>**

<sup>a</sup>Key Laboratory of Marine Genetics and Breeding (Ocean University of China), Ministry of Education, Qingdao, 266003, Shandong, China

**Running title:** Role of *Midkine* in germ layer development of *Cynoglossus semilaevis*

**ms. has 35 pages, 10 figures, 2 tables**

\*Corresponding author:

Dr. Zhenkui Qin

College of Marine Life Sciences, Ocean University of China

266003, Qingdao, China

Tel: +86-532-82032780

[qinzk@ouc.edu.cn](mailto:qinzk@ouc.edu.cn)

Download English Version:

<https://daneshyari.com/en/article/10129110>

Download Persian Version:

<https://daneshyari.com/article/10129110>

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