## Accepted Manuscript

Characterization of sickness behavior in zebrafish

Karina Kirsten, Suelen Mendonça Soares, Gessi Koakoski, Luiz Carlos Kreutz, Leonardo José Gil Barcellos

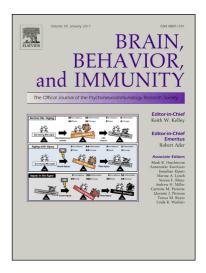
 PII:
 S0889-1591(18)30303-9

 DOI:
 https://doi.org/10.1016/j.bbi.2018.07.004

 Reference:
 YBRBI 3439

To appear in: Brain, Behavior, and Immunity

Received Date:11 April 2018Revised Date:12 June 2018Accepted Date:4 July 2018



Please cite this article as: Kirsten, K., Soares, S.M., Koakoski, G., Carlos Kreutz, L., Barcellos, L.J.G., Characterization of sickness behavior in zebrafish, *Brain, Behavior, and Immunity* (2018), doi: https://doi.org/10.1016/j.bbi.2018.07.004

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

## Characterization of sickness behavior in zebrafish

Karina Kirsten<sup>1,2</sup>, Suelen Mendonça Soares<sup>1</sup>, Gessi Koakoski<sup>3</sup>, Luiz Carlos Kreutz<sup>2</sup>, Leonardo José Gil Barcellos<sup>1,2,3</sup>

 Programa de Pós-Graduação em Farmacologia, Universidade Federal de Santa Maria (UFSM), Av. Roraima, 1000, Cidade Universitária, Camobi, Santa Maria, RS, 97105-900, Brazil.

2. Laboratório de Microbiologia e Imunologia Avançada, Programa de Pós-Graduação em Bioexperimentação, Universidade de Passo Fundo (UPF), BR 285, São José, Passo Fundo, RS, 99052-900, Brazil.

3. Programa de Pós-Graduação em Ciências Ambientais and Programa de Pósgraduação em Bioexperimentação, Universidade de Passo Fundo, (UPF), BR 285, São José, Passo Fundo, RS, 99052-900, Brazil.

C

Correspondence and requests for materials should be addressed to L.J.G.B. (email: lbarcellos@upf.br)

Download English Version:

## https://daneshyari.com/en/article/8960767

Download Persian Version:

https://daneshyari.com/article/8960767

Daneshyari.com