

Accepted Manuscript

Inefficient immune response is associated with microbial permissiveness in juvenile oysters affected by mass mortalities on field

Julien de Lorgeril, Jean-Michel Escoubas, Vincent Loubiere, Fabrice Pernet, Patrick Le Gall, Agnès Vergnes, Fabien Aujoulat, Jean-Luc Jeannot, Estelle Jumas-Bilak, Patrice Got, Yannick Gueguen, Delphine Destoumieux-Garzòn, Evelyne Bachère

PII: S1050-4648(18)30144-X

DOI: [10.1016/j.fsi.2018.03.027](https://doi.org/10.1016/j.fsi.2018.03.027)

Reference: YFSIM 5182

To appear in: *Fish and Shellfish Immunology*

Received Date: 8 December 2017

Revised Date: 9 March 2018

Accepted Date: 17 March 2018

Please cite this article as: de Lorgeril J, Escoubas J-M, Loubiere V, Pernet F, Le Gall P, Vergnes Agnè, Aujoulat F, Jeannot J-L, Jumas-Bilak E, Got P, Gueguen Y, Destoumieux-Garzòn D, Bachère E, Inefficient immune response is associated with microbial permissiveness in juvenile oysters affected by mass mortalities on field, *Fish and Shellfish Immunology* (2018), doi: 10.1016/j.fsi.2018.03.027.

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 **Inefficient immune response is associated with microbial permissiveness in**
2 **juvenile oysters affected by mass mortalities on field**

3

4

5 Julien de Lorgeril^{1*}, Jean-Michel Escoubas¹, Vincent Loubiere^{1,6}, Fabrice Pernet², Patrick Le
6 Gall³, Agnès Vergnes¹, Fabien Aujoulat⁴, Jean-Luc Jeannot⁵, Estelle Jumas-Bilak⁴, Patrice
7 Got⁵, Yannick Gueguen¹, Delphine Destoumieux-Garzón¹, and Evelyne Bachère¹

8

9

10 ¹IHPE, Université de Montpellier, CNRS, Ifremer, Université de Perpignan Via Domitia,
11 France²Ifremer, LEMAR UMR6539, CNRS/UBO/IRD/Ifremer, F-29280, Plouzané, France

12 ³Ifremer, MARBEC UMR 9190 (IRD, Ifremer, UM, CNRS), Avenue Jean Monnet, 34203
13 Sète, France

14 ⁴Equipe Pathogènes Hydriques, Santé, Environnements, UMR 5569 Hydrosiences
15 Montpellier, U.F.R des Sciences Pharmaceutiques et Biologiques and Université Montpellier,
16 Montpellier, France

17 ⁵UMR 9190 MARBEC, IRD-CNRS- Université Montpellier-Ifremer, Avenue Jean Monnet,
18 F-34200 Sète, France

19 ⁶Present address: Institute of Human genetics, UMR 9002, Centre National de la Recherche
20 Scientifique - University of Montpellier, Montpellier, France.

21

22 *Correspondence

23

24 Running title: Inefficient immune responses in oyster

25

26 Keywords: host pathogen interaction, innate immunity, invertebrate, mollusk, *in situ*
27 mortality, total bacteria, *Crassostrea gigas*

28

29

Download English Version:

<https://daneshyari.com/en/article/8498440>

Download Persian Version:

<https://daneshyari.com/article/8498440>

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