Accepted Manuscript

Exposure to the environmentally-persistent insecticide chlordecone induces detoxification genes and causes polyp bail-out in the coral *P. damicornis*

Patricia Wecker, Gaël Lecellier, Isis Guibert, Yuxiang Zhou, Isabelle Bonnard, Véronique Berteaux-Lecellier

PII: S0045-6535(17)32018-0

DOI: 10.1016/j.chemosphere.2017.12.048

Reference: CHEM 20428

To appear in: ECSN

Received Date: 16 June 2017

Revised Date: 24 November 2017 Accepted Date: 8 December 2017

Please cite this article as: Wecker, P., Lecellier, Gaë., Guibert, I., Zhou, Y., Bonnard, I., Berteaux-Lecellier, Vé., Exposure to the environmentally-persistent insecticide chlordecone induces detoxification genes and causes polyp bail-out in the coral *P. damicornis*, *Chemosphere* (2018), doi: 10.1016/j.chemosphere.2017.12.048.

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

- 1 Ms. Ref. No.: CHEM47540
- 2 Full Title: Exposure to the environmentally-persistent insecticide chlordecone induces
- 3 detoxification genes and causes polyp bail-out in the coral *P. damicornis*
- 4 Short title: Response of *P. damicornis* to chlordecone

5

- 6 Patricia Wecker^{1,*}, Gaël Lecellier^{2,3}, Isis Guibert^{1,3}, Yuxiang Zhou⁴, Isabelle Bonnard⁴,
- 7 Véronique Berteaux-Lecellier^{1, 3}

8

- 9 1 PSL USR3278 CRIOBE EPHE-CNRS-UPVD, LabEx CORAIL, BP 1013 Papetoai, 98729
- 10 Moorea, French Polynesia
- ² Université Paris Saclay, UVSQ, 55 Avenue de Paris 78035 Versailles Cedex
- ³ UMR250/9220 ENTROPIE, IRD CNRS UR, LabEx CORAIL, 101, promenade Roger-
- 13 Laroque, BP A5 98848 Nouméa cedex New-Caledonia.
- ⁴ USR3278 CRIOBE EPHE CNRS UPVD, LabEx CORAIL, 58 avenue Paul Alduy, 66860
- 15 Perpignan, France
- 16 * Corresponding author

17

- 18 Corresponding author:
- 19 wecker.pat@gmail.com
- 20 Tel: +33 788879075

Download English Version:

https://daneshyari.com/en/article/8852215

Download Persian Version:

https://daneshyari.com/article/8852215

Daneshyari.com