

Accepted Manuscript

Title: Effects of single and combined exposure of pharmaceutical drugs (carbamazepine and cetirizine) and a metal (cadmium) on the biochemical responses of *R. philippinarum*



Authors: Ângela Almeida, Vânia Calisto, Valdemar I. Esteves, Rudolf J. Schneider, Amadeu M.V.M. Soares, Etelvina Figueira, Rosa Freitas

PII: S0166-445X(18)30135-8
DOI: <https://doi.org/10.1016/j.aquatox.2018.02.011>
Reference: AQTOX 4859

To appear in: *Aquatic Toxicology*

Received date: 29-11-2017
Revised date: 10-2-2018
Accepted date: 14-2-2018

Please cite this article as: Almeida, Ângela, Calisto, Vânia, Esteves, Valdemar I., Schneider, Rudolf J., Soares, Amadeu M.V.M., Figueira, Etelvina, Freitas, Rosa, Effects of single and combined exposure of pharmaceutical drugs (carbamazepine and cetirizine) and a metal (cadmium) on the biochemical responses of *R. philippinarum*. *Aquatic Toxicology* <https://doi.org/10.1016/j.aquatox.2018.02.011>

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.

Effects of single and combined exposure of pharmaceutical drugs
(carbamazepine and cetirizine) and a metal (cadmium) on the biochemical responses
of *R. philippinarum*

Ângela Almeida¹, Vânia Calisto², Valdemar I. Esteves², Rudolf J. Schneider³,
Amadeu M. V. M. Soares¹, Etelvina Figueira¹, Rosa Freitas¹

¹Biology Department & CESAM, University of Aveiro, 3810-193 Aveiro, Portugal

²Chemistry Department & CESAM, University of Aveiro, 3810-193 Aveiro, Portugal

³BAM Federal Institute for Materials Research and Testing, Richard-Willstaetter -Str.
11, D-12489 Berlin, Germany

***Corresponding author:** Rosa Freitas

Address: Departamento de Biologia, Universidade de Aveiro Campus
Universitário de Santiago 3810-193 Aveiro, Portugal e-mail address: rosafreitas@ua.pt

Download English Version:

<https://daneshyari.com/en/article/8883768>

Download Persian Version:

<https://daneshyari.com/article/8883768>

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