

Accepted Manuscript

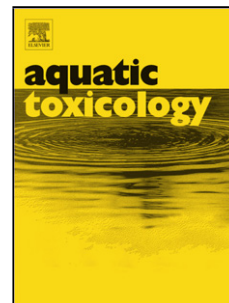
Title: Combined effects of metal mixtures and predator stress on the freshwater isopod *Asellus aquaticus*

Authors: M. Van Ginneken, R. Blust, L. Bervoets

PII: S0166-445X(18)30285-6
DOI: <https://doi.org/10.1016/j.aquatox.2018.04.021>
Reference: AQTOX 4929

To appear in: *Aquatic Toxicology*

Received date: 22-3-2018
Revised date: 26-4-2018
Accepted date: 27-4-2018



Please cite this article as: Van Ginneken, M., Blust, R., Bervoets, L., Combined effects of metal mixtures and predator stress on the freshwater isopod *Asellus aquaticus*. *Aquatic Toxicology* <https://doi.org/10.1016/j.aquatox.2018.04.021>

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.

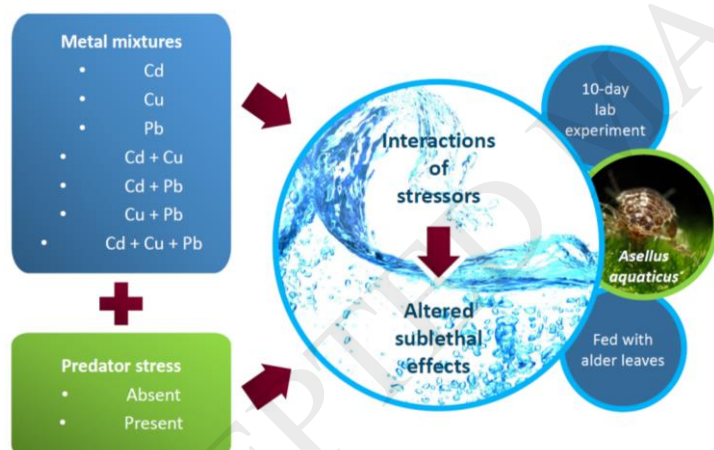
Combined effects of metal mixtures and predator stress on the freshwater isopod *Asellus aquaticus*

M. Van Ginneken*, R. Blust and L. Bervoets

Department of Biology, Systemic Physiological and Ecotoxicological Research (SPHERE), University of Antwerp, Groenenborgerlaan 171, 2020 Antwerp, Belgium.

*Corresponding author. Tel: +32 3 265 3532. E-mail address: marjolein.vanginneken@uantwerpen.be

Graphical abstract



Highlights

- Copper accumulation significantly affected the growth rate, the feeding rate and the activity of *Asellus aquaticus* exposed to predator cues
- A concentration-dependent interaction between Cd and Pb was found for feeding rate
- Predator exposed isopods of the Cd and Pb treatments had a significantly lower feeding rate compared to those without predator stress

Abstract

Download English Version:

<https://daneshyari.com/en/article/8883707>

Download Persian Version:

<https://daneshyari.com/article/8883707>

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