#### **ERRATUM**

# Erratum to: Hydrolysis of benzonitrile herbicides by soil actinobacteria and metabolite toxicity

A. B. Veselá · M. Franc · H. Pelantová · D. Kubáč · V. Vejvoda · M. Šulc · T. C. Bhalla · M. Macková · P. Lovecká · P. Janů · K. Demnerová · L. Martínková

Published online: 1 September 2011

© Springer Science+Business Media B.V. 2011

## Erratum to: Biodegradation (2010) 21:761–770 DOI 10.1007/s10532-010-9341-4

M. Macková, P. Lovecká and P. Janů wish to correct a typographical error in Table 3 which reports the results of acute toxicity determination implemented by them. The units of  $EC_{50} \pm SD$  were not properly given and should have appeared in  $\mu M$ . The correct representation of Table 3 is herewith re-published and should be treated as definitive by the reader.

The online version of the original article can be found under doi:10.1007/s10532-010-9341-4.

A. B. Veselá · M. Franc · D. Kubáč · V. Vejvoda · L. Martínková (☒)
Laboratory of Biotransformation, Institute of Microbiology, Academy of Sciences of the Czech Republic (ASCR), Vídeňská 1083, 142 20 Praha, Czech Republic e-mail: martinko@biomed.cas.cz

H. Pelantová · M. Šulc Laboratory of Molecular Structure Characterization, Institute of Microbiology, Academy of Sciences of the Czech Republic (ASCR), Vídeňská 1083, 142 20 Praha, Czech Republic

**Table 3** Determination of acute toxicity of chloroxynil, bromoxynil, ioxynil, dichlobenil and standards of their biodegradation products using the luminescent bacterium *Vibrio fischeri* 

Compound	$EC_{50} \pm SD (\mu M)$
3,5-Dichloro-4-hydroxybenzonitrile	5 ± 2
3,5-Dichloro-4-hydroxybenzoic acid	$14 \pm 2$
3,5-Dibromo-4-hydroxybenzonitrile	$14 \pm 3$
3,5-Dibromo-4-hydroxybenzoic acid	$42 \pm 2$
3,5-Diiodo-4-hydroxybenzonitrile	$8 \pm 2$
3,5-Diiodo-4-hydroxybenzoic acid	$6\pm3$
2,6-Dichlorobenzonitrile	$505\pm29$
2,6-Dichlorobenzamide	$1773 \pm 53$
2,6-Dichlorobenzoic acid	$54 \pm 11$

 $EC_{50}$  compound concentration causing 50% inhibition of luminescence, SD standard deviation

The toxicity assay was performed as described in "Materials and methods" section

### H. Pelantová

Department of Analytical Chemistry, Faculty of Science, Palacký University, Tř. Svobody 8, 771 46 Olomouc, Czech Republic

## T. C. Bhalla

Department of Biotechnology, Himachal Pradesh University, Summer Hill, Shimla 171005, India

M. Macková · P. Lovecká · P. Janů · K. Demnerová
Faculty of Food and Biochemical Technology, Institute of Chemical Technology Prague, Technická 5,
166 28 Prague, Czech Republic

