

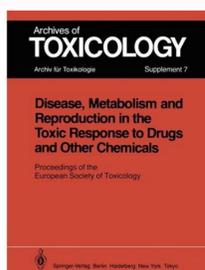
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TOXICOLOGY HANDBOOK

3RD EDITION

Lindsay Murray
Mark Little
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The Use of Endosulfan in Mother Berry: Metal Contamination in Human, Korea
J. Lee, Y. Kim

Abstract
The present study was conducted to evaluate the metal contamination in mother berry (MB) and its relationship with the use of endosulfan in MB. The MB samples were collected from the area of MB production in Korea. The metal concentrations in MB were determined by atomic absorption spectrometry (AAS). The results showed that the metal concentrations in MB were significantly higher than those in the control group. The metal concentrations in MB were significantly higher than those in the control group. The metal concentrations in MB were significantly higher than those in the control group.



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Endosulfan Toxicity and its Reduction by Selenium: A Behavioral, Hematological and Peroxidative Stress Evaluation

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Citation:

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declaring that no organs/tissues were obtained from prisoners and must also name the institution(s)/clinic(s)/department(s) via which organs/tissues were obtained. For manuscripts reporting studies involving vulnerable groups where there is the potential for coercion or where consent may not have been fully informed, extra care will be taken by the editor and may be referred to the Springer Nature Research Integrity Group. Consent to Publish Individuals may consent to participate in a study, but object to having their data published in a journal article. Authors should make sure to also seek consent from individuals to publish their data prior to submitting their paper to a journal. This is in particular applicable to case studies. A consent to publish form can be found here. 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Summary of requirements The above should be summarized in a statement and placed in a 'Declarations' section before the reference list under a heading of 'Ethics approval'.Please see the various examples of wording below and revise/customize the sample statements according to your own needs.Examples of statements to be used when ethics approval has been obtained:• All procedures involving animals were in compliance with the European Community Council Directive of 24 November 1986, and ethical approval was granted by the Kocaeli University Ethics Committee (No. 29 12 2014, Kocaeli, Turkey).• All procedures performed in the study were in accordance with the ARVO Statement for Use of Animals in Ophthalmic Vision and Research. The ethical principles established by the National Institutes of Health Guide for the Care and Use of Laboratory Animals (NIH Publications No. 8523, revised 2011) were followed. The research protocol was approved by the Ethics Committee on Animal Use (Protocol No. 06174/14) of FCAV/Unesp, Jaboticabal. • This study involved a questionnaire-based survey of farmers as well as blood sampling from their animals. The study protocol was assessed and approved by Haramaya University, research and extension office. Participants provided their verbal informed consent for animal blood sampling as well as for the related survey questions. Collection of blood samples was carried out by veterinarians adhering to the regulations and guidelines on animal husbandry and welfare. • All brown bear captures and handling were approved by the Ethical Committee on Animal Experiments, Uppsala, Sweden (Application C18/15) and the Swedish Environmental Protection Agency in compliance with Swedish laws and regulations. • The ethics governing the use and conduct of experiments on animals were strictly observed, and the experimental protocol was approved by the University of Maiduguri Senate committee on Medical Research ethics. Proper permit and consent were obtained from the Maiduguri abattoir management, before the faecal samples of the cattle and camels slaughtered in this abattoir were used for this experiment. Examples of statements to be used when no ethical approval is required/exemption granted:• No approval of research ethics committees was required to accomplish the goals of this study because experimental work was conducted with an unregulated invertebrate species. • As the trappings of small mammals were conducted as part of regular pest control measures in accordance with the NATO Standardized Agreement 2048 "Deployment Pest and Vector Surveillance and Control", no approval by an ethics committee was required. • All experiments have been conducted as per the guidelines of the Institutional Animal Ethics Committee, Department of Zoology, Utkal University, Bhubaneswar, Odisha, India. However, the insect species used in this study is reared for commercial production of raw silk materials, as a part of agro-based industry. Therefore, use of this animal in research does not require ethical clearance. We have obtained permission from the office of Research officer sericulture, Baripada, Orissa, India for the provision of infrastructure and support for rearing of silkworm both in indoor and outdoor conditions related to our study to promote sericulture practices. Authors are responsible for correctness of the statements provided in the manuscript. See also Authorship Principles. The Editor-in-Chief reserves the right to reject submissions that do not meet the guidelines described in this section. This journal operates a type 2 research data policy. A submission to the journal implies that materials described in the manuscript, including all relevant raw data, will be freely available to any researcher wishing to use them for non-commercial purposes, without breaching participant confidentiality.The journal strongly encourages that all datasets on which the conclusions of the paper rely should be available to readers. 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Data availability statements can also indicate whether data are available on request from the authors and where no data are available, if appropriate.Data Availability statements can take one of the following forms (or a combination of more than one if required for multiple datasets):1. The datasets generated during and/or analysed during the current study are available in the [NAME] repository, [PERSISTENT WEB LINK TO DATASETS]2. The datasets generated during and/or analysed during the current study are not publicly available due [REASON WHY DATA ARE NOT PUBLIC] but are available from the corresponding author on reasonable request.3. The datasets generated during and/or analysed during the current study are available from the corresponding author on reasonable request.4.Data sharing not applicable to this article as no datasets were generated or analysed during the current study5. 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