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Earthworm Model to Study the Effects of Environmental Pollutants

Guest Editor:

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submissions:

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Message from the Guest Editor

Earthworms are highly important model organisms dwelling in rapidly changing terrestrial environments and a subject of research that has gained increasing attention in recent years. Novel information on stress effects will not only contribute to conservation biology but also to basic knowledge on coping mechanisms and adaptation processes in terrestrial invertebrates.

This Special Issue aims to further our understanding on how environmental stressors, specifically toxic effects of chemicals and materials, affect earthworms on several levels of biological organisation such as via molecular regulatory networks, energy household and metabolites, and defence mechanisms as the primary barrier to environmental impacts.

For this Special Issue, original research articles and reviews are welcome. Research areas may include (but not limited to) the following: basic and applied research, mechanistic studies, omics approaches as well as comparative investigations in ecotoxicology risk assessment and methodologies.



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Special Issue



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Message from the Editor-in-Chief

Toxics (ISSN 2305-6304) is an international, peer-reviewed, open access journal which provides an advanced forum for studies related to all aspects of toxic chemicals and materials. We aim to publish high quality work that furthers our understanding of the exposure, effects, and risks of chemicals and materials in humans and the natural environment as well as approaches to assess and/or manage the toxicological and ecotoxicological risks of chemicals and materials. Please consider publishing in *Toxics* when preparing your next paper.

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