



New Insights for Pesticide Risk Assessment: Humans and the Environment

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Message from the Guest Editors

This Special Issue will address the challenges and opportunities related to the evolution of the risk assessment paradigm, as well as the incorporation of new approach methodologies such as in vitro, in silico and omics, through the application of adverse outcome pathway (AOP) networks and the opportunities for more integrative approaches assessing the overall risk of pesticide use instead of single active substances. An area of particular interest is the integration of human and environmental risk assessments as well as integrated risk/benefit analysis. Expanding the “One Health” principles to cover human, animal, plant and environmental health would provide a solid scientific background for assessing and comparing the sustainability of plant protection strategies.

This Special Issue is open to any subject related to the risk assessment of pesticides for human health and the environment. Research papers, analytical reviews, case studies, conceptual frameworks, and policy-relevant articles are welcome.





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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards. *IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality, peer-reviewed, open access journal.

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