

Special Issue

Neurotoxicity Risk Assessment for Human Health

Message from the Guest Editors

Neurotoxicants pose significant risks for the developing central nervous system, both in utero and during the postnatal developmental time periods. In this Special Issue, we aim to highlight the importance of this longstanding environmental research and public health theme, providing a forum to discuss (i) basic research on the cognitive and behavioral symptoms associated with the molecular mechanisms that are disrupted by neurotoxicants, (ii) identifying unique approaches to better understand under-explored or novel risk assessment methods that advance the research on this topic, (iii) the implication of developmental-behavioral neurotoxicology and neuropsychiatric disorders as they relate to clinical studies on children exposed to neurotoxicants, and (iv) future goals and directions elucidating the clinical relevance of neurotoxic exposures and behavioral symptoms.

Keywords: neurotoxicants; occupational health & safety; environmental contaminants; food regulation; neurodevelopmental disorders; recycling, metallurgy; agriculture, herbicides & pesticides

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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. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed 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 journal.

Editor-in-Chief

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