Advance in Study of Neurotoxic Chemicals in the Environment

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Message from the Guest Editor

Dear Colleagues,

The current pandemic caused by the SARS-CoV-2 virus has emphasized the importance of understanding the relationship between humans and ecosystems. Environmental pollutants (e.g., metals, POPs, and pharmaceutical compounds residues) influence animal and human behavior, as well as several cognitive abilities such as learning capacity. These compounds use different pathways to cause these and other neurodevelopmental disorders. However, knowledge on the neurotoxic potential of environmental pollutants in ecosystems is scarce. This Special Issue will include in vitro (cell-based), field/wildlife, and experimental studies, as well as epidemiological and biomonitorization studies, linking the relationship between exposure to environmental pollutants and neurotoxicity, including the development of neurodegenerative diseases and other neurological disorders. Therefore, the collective aim of this Special Issue will be to offer a comprehensive collection of focused articles providing useful and up-to-date resource for scientists working in this field.

Keywords

- environmental contaminants
- neurotoxicity
- biomarkers of exposure and effects
- metals
- neurotoxicants

Special Issue

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Message from the Editor-in-Chief

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