

Special Issue

Advance in Study of Neurotoxic Chemicals in the Environment

Message from the Guest Editor

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

Guest Editor

Prof. Dr. Emma Martínez-López

1. Area of Toxicology, Department of Health Sciences, University of Murcia, 30100 Murcia, Spain
2. Toxicology and Risk Assessment Group, Biomedical Research Institute of Murcia (IMIB-Arrixaca), 30120 Murcia, Spain

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Brain Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
brainsci@mdpi.com

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Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

Editor-in-Chief

Prof. Dr. Stephen D. Meriney

Department of Neuroscience, University of Pittsburgh, Pittsburgh, PA
15260, USA

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