

## Special Issue

# The Neuroexposome: Integrating Exposures with Physiology to Understand Brain Health and Disease

### Message from the Guest Editors

The brain can be exquisitely sensitive to environmental exposures, particularly during periods of development. However, exposures occurring across the lifespan, from conception to old age, can impact the nervous system, resulting in neuroanatomical changes, compromised neural functions, and the development of disease. Exposures such as air pollution, chemicals, plasticizers, and heavy metals can lead to the occurrence of neurodevelopmental disorders, neurodegenerative diseases, and neuropsychiatric conditions. Furthermore, there is potential for environmental exposures to have a significant impact on brain health in individuals that are already susceptible to diseases. The goal of this Special Issue is to examine the relationships between environmental exposures and endogenous factors which lead to brain dysfunction and disease states, including neurodevelopmental conditions such as autism, neurodegenerative diseases including Parkinson's or Alzheimer's disease, or neuropsychiatric conditions. We invite original research articles or reviews in this area.

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### Guest Editors

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### Deadline for manuscript submissions

30 June 2026



## Toxics

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## About the Journal

### 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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### Editor-in-Chief

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