

Special Issue

Fungal Toxins and the Brain

Message from the Guest Editor

This Special Issue of *Toxins* is focused on fungal toxins with neurotoxic potential, including the secondary metabolites of filamentous fungi and toxic chemicals produced by mushrooms. There is growing interest but little data to support proposals that fungal toxins are involved in the genesis of neurodegenerative diseases, including amyotrophic lateral sclerosis, Parkinsonism and Alzheimer's disease. Papers addressing molecular mechanisms of developmental and adult neurological and neuroendocrine disorders associated with fungal toxins are welcome, as are papers describing the chemical composition thereof. While the focus is on the relationship between exposure to fungal toxins and the genesis of human and experimental neural disorders, including genotoxic, tremorgenic, and other mycotoxins (e.g., ergot, T2, macrocyclic trichothecenes, fumonisins, ochratoxin), manuscripts addressing treatment of neuromycotoxic disorders will also be considered.

Guest Editor

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Deadline for manuscript submissions

closed (31 March 2021)



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About the Journal

Message from the Editor-in-Chief

Toxinology is an incredibly diverse area of study, ranging from field surveys of environmental toxins to the study of toxin action at the molecular level. The editorial board and staff of *Toxins* are dedicated to providing a timely, peer-reviewed outlet for exciting, innovative primary research articles and concise, informative reviews from investigators in the myriad of disciplines contributing to our knowledge on toxins. We are committed to meeting the needs of the toxin research community by offering useful and timely reviews of all manuscripts submitted. Please consider *Toxins* when submitting your work for publication.

Editor-in-Chief

Prof. Dr. Jay Fox

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USA

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 19.5 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).