

## Special Issue

# Molecular Basis of Stress- and Trauma-Related Disorders

### Message from the Guest Editor

Stress and traumatic events increase the risk of mental disorders like post-traumatic stress, depression, and anxiety. They also impact somatic disorders such as hypertension, cardiovascular issues, and obesity. Molecular pathways like HPA axis dysregulation, endocannabinoid system changes, and transcriptional alterations contribute to these disorders. The immune system also plays a role. To better understand these mechanisms and vulnerabilities, further molecular pathways need to be identified. This Special Issue aims to showcase cutting-edge research on stress- and trauma-related disorders, including early-life stress, transgenerational effects, neuropharmacology, genetics, and experimental models. Contributions can be full-length reviews or original articles.

### Guest Editor

Prof. Dr. Vanessa Nieratschker

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### Deadline for manuscript submissions

closed (30 June 2025)



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CiteScore 9.2  
Indexed in PubMed



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### Message from the Editorial Board

*Biomolecules* is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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