



## New Advances in Neurobiology and Behavioral Disturbance in Alcohol Use Disorder (AUD) including Fetal Alcohol Spectrum Disorder (FASD)

Guest Editor:

### Dr. Basavaraj S. Balapal

1. Department of Psychiatry, New York University Langone Medical Center, New York, NY, USA

2. Faculty at Columbia University Medical Center, Scientist, Center for Dementia Research, Nathan Kline Institute for Psychiatric Research, Orangeburg, New York, NY, USA

Deadline for manuscript submissions:

**closed (15 April 2023)**

### Message from the Guest Editor

Dear Colleagues,

Individuals with alcohol use disorders (AUD) suffer from a wide range of interconnected cognitive and psychological problems. However, limited therapeutic possibilities are available for those individuals due to limited investigation of its underlying etiology. In addition, the severity of AUD is influenced by the level and duration of alcohol exposure, developmental stage, genetics, and gender. Interestingly, several recent studies have discovered the essential function of different receptors, neurotransmitters, growth factors, signaling, and epigenetic and genetic influence on gene expression changes that have a distinct role in alcohol abuse-related neurobehavioral impairments.

This Special Issue of *Brain Sciences* aims to present a collection of studies focussing on the most recent advancement in alcohol use-related disorders, including fetal alcohol-associated research. Authors are invited to submit cutting-edge reviews, original research articles, and meta-analyses of large existing datasets which advance the field towards a greater understanding of the etiology and pathogenic mechanism.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Stephen D. Meriney

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

## 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.

## Author Benefits

**Open Access:**— free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PSYINDEX, CAPlus / SciFinder, and other databases.

**Rapid Publication:** manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.5 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2023).

## Contact Us

---

*Brain Sciences*  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/brainsci](http://mdpi.com/journal/brainsci)  
[brainsci@mdpi.com](mailto:brainsci@mdpi.com)  
[@BrainSci\\_MDPI](https://twitter.com/BrainSci_MDPI)