



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

Guest Editor:

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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.





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Message from the Editor-in-Chief

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