

Special Issue

Exploring Biomarkers and Pharmacotherapies for Substance Use Disorders

Message from the Guest Editors

This is a Special Issue with a focused objective of identifying behavioral, genetic, and epigenetic mechanisms involved in drug addiction, as well as potential new pharmacological agents for treating these disorders in both human and animal models.

Substance Use Disorders (SUD), encompassing alcohol, cannabis, stimulants, and other substances, pose a significant global health burden, impacting millions of people worldwide. Despite the profound consequences of these disorders on individuals, families, and societies, effective and precise diagnostic and therapeutic approaches remain limited. Therefore, it is imperative to identify the specific biomarkers associated with different stages of the disease, aiming to deepen our understanding of the underlying alterations and explore effective pharmacological interventions.

To summarize, we aim to cover all the essential aspects that can contribute to our enhanced comprehension of the biological basis of addiction and the identification of pharmacological interventions for treating SUD.

Guest Editors

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Editor-in-Chief

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