

Special Issue

Pathogenesis and Prevention of Substance-Use Disorders and Metabolic Syndrome

Message from the Guest Editor

Substance use disorders (i.e., opioid- or alcohol-dependency) and metabolic syndrome are distinct global public health issues that continue to prevail due to increased access to drugs of abuse, and palatable hypercaloric diets, respectively. The brain's homeostatic centers and reward systems are involved in aspects of both substance addiction and energy homeostasis. Beyond defects in these central mechanisms, aberrations to peripheral (i.e., endocrine) systems also mediate the pathophysiology of substance use disorder, as well as, clinical features of metabolic syndrome.

This Special Issue seeks research papers that provide insight with regard to the interplay between common and unique systems that influence vulnerability to substances of abuse and/or metabolic dysfunction. We encourage the submission of original basic-science, translational, and clinical-based papers produced from interdisciplinary collaborations, systematic reviews and meta-analysis.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

IJERPH provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

Editor-in-Chief

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