Special Issue

Reward Processing in Health and Disease

Message from the Guest Editor

Motivation to obtain a reward is a strong driving force in animal behavior, closely linked to the functioning of the mesocorticolimbic system. The activity of this system is largely modulated by various pharmacological agents, leading to adaptive and maladaptive changes in behaviors. With addiction posing a major public health problem, a better characterization of the processes that cause the transition from substance use to dependence is needed to identify risk factors and inform effective prevention strategies. This Special Issue aims to deepen the knowledge on the cell-type-, circuit-, context-, and age-dependent neuropharmacological basis of reward-related behaviors. We will consider original research papers, reviews, and meta-analyses focusing on biochemical, electrophysiological, and behavioral results stemming from both animal model research and human studies.

Guest Editor

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Message from the Editor-in-Chief

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