Special Issue

Recent Advances in the Study of Altered State of Consciousness

Message from the Guest Editors

Different approaches exist to study human consciousness and its altered states. Scientists have only recently been able to explore the connection analytically through measurements and perturbations of the brain's activity. This ability stems from recent advances in technology and especially from emerging functional neuroimaging and electrophysiology studies. During the last decade, researchers have began to investigate brain activity in patients with DOC following severe brain injury. Other studies have focused on sleep and anesthesia. In conjunction, these investigations have contributed to our current understanding of neural correlates of conscious awareness and its modified states in both physiological and pathological states. This Special Issue aims to give an overview on recent advances in the understanding of the neural correlates of (1) conscious awareness and (2) altered states of consciousness by means of studies on patients with disorders of consciousness, sleep and anesthesia but also research on hypnosis, meditation, psychedelics, and so on. We are accepting original papers on behavioral and neuroimaging data, as well as reviews and meta-analyses.

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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.

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