Special Issue

Dream Recall and the Brain

Message from the Guest Editors

Dream experience is a fascinating form of mental activity occurring during sleep. It is a multicomponential phenomenon characterized by sensory imagery, emotional arousal, and apparent speech and motor activity. Dreams occur in any sleep stage—during REM or NREM sleep, but also during sleep onset or relaxed wakefulness. Researchers must face the difficulty of defining the time-coupling between sleep stages and the occurrence of dream experience, since the mental sleep activity is only indirectly accessible via content reports after awakening the subject.In recent decades, neuroanatomical, neuroimaging, and electrophysiological studies have tried to identify the neural basis of dream experience, showing its relationship with episodic memory and emotional processes. However, the brain mechanisms underlying dream recall and dream production are still mostly unknown. The submission of original research articles advancing our understanding of neural correlates of dreaming are encouraged for this Special Issue. Additionally, reviews proposing new perspectives on the available literature on link dream features and brain mechanisms are welcome.

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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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