Special Issue

Recent Advances in Human Brain Connectivity

Message from the Guest Editors

Mapping the brain's structural organization and understanding how neural function is related to connectivity is one of the main goals of modern neuroscience. The term "connectivity" describes a complete map of the neural elements and structural links within a neural system, together forming the fundamental substrate for neural communication, information processing and neural integration. Neuroimaging techniques have played a key role in the field of brain connectivity and they are currently the main methods for investigating the macroscale connectivity architecture of the human brain. Functional and structural connectivity models have been widely applied to uncover new insights about a great variety of biological mechanisms and in different diseases. This Special Issue will cover the recent advances in brain connectivity in different fields of brain sciences. We encourage submissions of original research and reviews with a focus on new methods and applications of brain connectivity models with both neurophysiological recordings and neuroimaging techniques.

Guest Editors

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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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