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New Advances in Neuroimaging and Brain Functions: 2nd Edition

Guest Editors:

Dr. Ming-Chang Chiang

Department of Life Science,
College of Science and
Engineering, Fu-Jen Catholic
University, New Taipei City
242062, Taiwan

Dr. Chiahui Yen

Department of International
Business, Ming Chuan University,
Taipei, Taiwan

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submissions:

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Message from the Guest Editors

Over the past few decades, neuroimaging has become a powerful tool for studying brain function in basic and clinical research. The ever-changing technologies for brain activity detection and simulation make it possible to study the brain mechanisms of human mental activities. Brain imaging research enables social neuroscience and neuromarketing related to humanities and social sciences to combine with brain science to explore human behavior.

This Special Issue welcomes the submissions on new advances in neuroimaging and brain function in neurological disease research, humanities, and social sciences. We welcome research on the following three aspects: (1) EEG, MRI, and MEG to observe brain activity changes, supplemented by other noninvasive methods including eye-tracking, NIRS, and face readers to analyze human responses; (2) various tools for brain dysfunction and rehabilitation, including new treatments for noninvasive methods, such as transcranial magnetic stimulation, transcranial electrical stimulation, and focused ultrasound; (3) development of AI deep learning in image recognition and neural signals to evaluate brain structure, connectivity, and neural network function.



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Special Issue



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Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona Institute of Science and Technology, 08028 Barcelona, Spain

Message from the Editor-in-Chief

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Life Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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