# **Special Issue**

# Multimodal Imaging Approach in CNS Pathologies

### Message from the Guest Editor

Behavioral assessments could not suffice in providing accurate and complete diagnostic information in individuals with neurological and psychiatric brain disorders. Multimodal neuroimaging markers have been developed to support clinical assessments, providing simultaneously morphological, functional, molecular, and electrophysiological information which is useful to fully characterize brain pathologies. This kind of approach is important mainly in these patients where reduced compliance and unstable clinical conditions can confound clinical assessment and render differential diagnosis tricky. Using different methodological techniques, from neuropsychological assessment to neuroimaging and electrophysiological recording, the aim of this Special Issue is to provide an overview of evidence illustrating the potentiality of multimodal approach to patients with neurological and psychiatric brain disorders, encompassing for dedicated multimodal phantom, hybrid acquisition, integrative analyses pipelines, multimodal networks, and connectograph visualization. We thank you for your contribution and interest.

### **Guest Editor**

Dr. Carlo Cavaliere IRCCS SDN, 80143 Naples, Italy; Coma Science Group, GIGA-Research, University and University Hospital of Liege, Liege, Belgium.

### Deadline for manuscript submissions

closed (20 December 2020)



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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.

### Editor-in-Chief

Prof. Dr. Stephen D. Meriney Department of Neuroscience, University of Pittsburgh, Pittsburgh, PA 15260, USA

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