

Compendium of Brain, Behaviour and Cognitive Sciences

Sanjay M. Sisodiya*

Department of Neurology, UCL Institute of Neurology, London, United Kingdom

*Corresponding author: Sanjay M. Sisodiya, Department of Neurology, UCL Institute of Neurology, London, United Kingdom, Tel: 020 3448 8612; E-mail: s.sisodiya12@ucl.ac.uk

Received: July 07, 2021; Accepted: July 22, 2021; Published: July 29, 2021

Citation: Sisodiya SM (2021) Compendium of Brain, Behaviour and Cognitive Sciences. J Brain Behav Cogn Sci Vol.4 No.4:e003

Editorial

Journal of Brain Behaviour and Cognitive Sciences is an Open Access, peer-reviewed academic journal that publishes the most complete and reliable source of information in the form of original articles, review articles, case reports, short communications, and other configurations in all areas covered mostly by journal's scope. The journal is regarded as one of the top open access scientific publications. Authors are encouraged to submit high-quality manuscripts in order for the journal to maintain its high standard and earn a high impact factor.

This scientific publication uses the Editorial Manager System to ensure that the peer review process is of high quality. Review processing is done by members of the Journal of Brain, Behaviour and Cognitive Sciences editorial board or by other specialists. Acceptance of any submission requires the approval of at least two independent reviewers, followed by editor approval. The technology allows authors to submit works and follow their development. Reviewers can see manuscripts and provide feedback to the editor. The whole submission/review/revise/publish process may be managed by editors. Journal of Brain, Behaviour and Cognitive Sciences articles complement the journal's aim of bringing clinical doctors and researchers together.

Dr. Farouk S. Nathoo has submitted a minireview with entitled "Bayesian Methods for Imaging Genetics" has shared regarding The analysis of combined neuroimaging and genetic data has

tremendous potential for advancing our knowledge on how genetics relate to brain structure and brain function and how this relationship might modulate disease. Bayesian approaches for imaging genetics have been developed to accommodate prior information on the relationship between neuroimaging endophenotypes and genetic variants while allowing for flexible statistical modeling structures. These include joint probabilistic frameworks for imaging, genetic and disease data and hierarchical models for relating neuroimaging and genetic data while accounting for spatial dependence in the data. A substantial challenge associated with Bayesian methods within the context of imaging genetics however is the computation required for posterior approximation over a parameter space of high dimension. This article reviews recent work in this area of data analytics and outlines some challenges and future opportunities.

We encourage you to submit your articles to the journal in obtaining global experience. The volume 4 issue 5 will be available on our forthcoming journal website, and we have a worldwide readership of over 100 million people who follow us on social media platforms like Twitter, LinkedIn, and Google.

I would like to thank all of the authors, reviewers, and other supporter groups for their contributions to the final editing of the published articles as well as the editorial assistant's help in resolving journal of brain, behaviour and cognitive sciences concerns in a timely manner.