



## Call for papers - Special Thematic Issue

### Recent Advancements in Brain Abnormality Evaluation

Guest Editors: Dr. V. Rajinikanth, Dr. R. Vijayarajan

#### Aims & Scope:

The purpose of the special issue “Recent Advancements in Brain Abnormality Evaluation” is to explore the recent development in medical image analysis. Image assessment techniques, such as image enrichment, image fusion, image thresholding, image segmentation, texture assessment and image categorization plays an essential function in evaluating the images recorded with a varied modality to identify the disease and its severity. This special issue call request the authors to submit their original manuscripts/review articles on recent development in brain image analysis such as traditional evaluation methods, image enhancement approaches, segmentation, image and EEG mapping, classification with machine learning and deep learning techniques.

#### Topics of interest:

The topics of interest includes (but not limited to)

- Brain tumor analysis (low grade glioma and glioblastoma detection)
- Epilepsy detection
- Autism detection
- Schizophrenia detection
- Alzheimer's disease examination
- Brain aneurysm examination
- Analysis of schizophrenia using the brain MRI
- Segmentation and examination of Corpus Callosum
- Segmentation and evaluation of Hippocampus
- Any other disease detection procedure based on the neuroimaging information

#### Schedule:

- ✧ Manuscript submission deadline: 15 June 2020
- ✧ Peer Review Due: 30 July 2020
- ✧ Revision Due: 30 August 2020
- ✧ Announcement of acceptance by the Guest Editors: 30 September 2020
- ✧ Final manuscripts due: 30 October 2020

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### **Note:**

Authors are requested to visit the following link to know about the “Instructions for Authors”

<https://openneuroimagingjournal.com/instructions-for-authors.php>

Any queries should be addressed to [tonij@benthamopen.net](mailto:tonij@benthamopen.net)