

Special Issue

Application of Deep Learning in the Diagnosis of Brain Diseases

Message from the Guest Editor

Studies in the biomedical field using deep learning (DL) methods have recently undergone rapid progress. According to traditional machine learning methods, DL methods learn most effectively from raw data, without the need for structured data. The purpose of this Special Issue is to collect studies on "Diagnosing Brain Diseases" (through various types of deep neural network and network architecture) using methods such as biomedical signal processing and image processing. Neuroimaging methods within the scope of this Special Issue include (but are not limited to):

- Waveform: electroencephalography (EEG); magnetoencephalography (MEG); electrocorticography (ECoG); electrophysiologic and voice data, etc.
- Imaging: magnetic resonance imaging (MRI); functional MRI (fMRI); positron emission tomography (PET); functional near-infrared spectroscopy (fNIRS), etc.
- Genetic and clinical data.

We look forward to receiving your contributions.

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

You are cordially invited to submit research articles, short communications, comprehensive reviews, case reports or interesting images for consideration and publication in *Diagnostics* (ISSN 2075-4418). *Diagnostics* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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