Neuroimaging in Parkinson's Disease

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Deadline for manuscript
submissions:
closed (20 January 2022)

Message from the Guest Editor

Neuroimaging is a powerful noninvasive tool that provides in vivo evaluation of pathophysiological substrates unique to Parkinson's disease (PD), which is a critical step toward identifying potential biomarkers in PD.

Despite these innovative applications of neuroimaging techniques, there is currently no clinically accepted neurophysiological biomarker of differential diagnosis, disease severity, predicted disease progression, or treatment monitoring in PD. Moreover, there are multiple disease variants of PD with different prognoses.

The aim of this Special Issue is to provide a comprehensive assessment of innovative applications of neuroimaging techniques in PD. In this Special Issue we welcome both original research papers and review articles on diverse topics such as:

- thermometry
- DWI
- DTI-ALPS
- MRS
- PET
- SPECT
- MRI
- fMRI
- connectivity
- atrophy

Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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