

## Special Issue on Biomarkers in Parkinson's Disease

# CALL FOR PAPERS

Parkinson's disease is a polygenic progressive neurodegenerative disease with some environmental factors also playing a major role in its pathogenesis. As yet, there is no known cure for it, and nothing known can slow down its rate of progression. However, research in the area to find a neuroprotective agent, which can slow down the process of neurodegeneration, is going on. The degenerative process starts long before the common symptoms appear. However, many symptoms and changes appear in the body, which can be considered as biomarkers.

Recently, many scientists have been working actively in search for a biomarker, which can reliably predict the occurrence of Parkinson's disease in the future. Such a biomarker has been identified in Alzheimer's disease, which is rather encouraging.

The biomarkers may be some subtle symptoms, some biochemical abnormality, or some abnormal finding on imaging or in tissues which can be examined in life.

This special issue is planned to cover some known and some yet under investigation biomarkers.

Potential topics include but are not limited to the following:

- ▶ Overview of biomarkers in Parkinson's disease
- ▶ How reliable are clinical biomarkers?
- ▶ Can genetic biomarkers reliably predict Parkinson's disease?
- ▶ Molecular biomarkers
- ▶ Metabolomics as a biomarker of Parkinson's disease
- ▶ Imaging biomarkers: how useful are they?
- ▶ Tissue biomarkers: is it feasible to use them?
  - ▶ Skin
  - ▶ Gut
  - ▶ Salivary gland
  - ▶ Blood
  - ▶ CSF
  - ▶ Nasal mucosa

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