

Special Issue

Recent Advances and Future Directions for the Diagnosis and Treatment of Progressive Supranuclear Palsy

Message from the Guest Editors

Progressive supranuclear palsy is a primary tauopathy in which abnormal phosphorylated Tau with 4R predominance accumulates. It often presents symptoms similar to those of Parkinson's disease, such as akinesia and postural instability, and differential diagnosis is often difficult, particularly in its early stages. Early and accurate diagnosis and the establishment of effective disease-modifying therapy are necessary to overcome this disorder. The aim of this Special Issue is to share the latest evidence and future directions in this field of research, focusing on the diagnosis and treatment of PSP. Firstly, regarding diagnosis, we welcome studies addressing various imaging modalities (especially MRI and PET (Tau, inflammation), fluid biomarkers (t-Tau, p-Tau, MTBR-Tau) and seeding activity using RT-QuIC. Next, we welcome research on pharmacological treatments such as genetic therapy, microtubule stabilization, post-translational modifications and immunotherapy. Papers that address non-pharmacological treatments (rehabilitation, care) are also welcome.

Guest Editors

Dr. Ikuko Aiba

Dr. Günter U. Högl

Dr. Adam Boxer

Deadline for manuscript submissions

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Brain Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
brainsci@mdpi.com

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Editor-in-Chief

Prof. Dr. Stephen D. Meriney

Department of Neuroscience, University of Pittsburgh, Pittsburgh, PA
15260, USA

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