Special Issue

Biomarkers in HIV Associated Neurocognitive Disorders

Message from the Guest Editors

It is understood that HIV-1 enters the brain shortly after infection via infected monocytes and blood lymphocytes, which may establish a spectrum of HIV-associated neurocognitive disorders (HAND).

Milder to moderate forms of cognitive impairment and behavioral and motor dysfunctions are commonly seen in HAND in approximately 50 % of people living with HIV treated with antiretroviral therapy. The underlying cause for these residual impairments in cognition remains unclear. Currently, the gold standard for diagnosing and monitoring the progression of cognitive function in HIV-infected patients is neurophysiological testing. HAND was reported to be associated with pathological changes in the brain that include generalized atrophy, leukoencephalopathy, viral encephalitis, multinucleated giant cells, etc. Nevertheless, there is lack of profound and precise markers which are needed for an accurate diagnosis of HAND. This Special Issue is dedicated to presenting experimental data from current research and reviews on the discovery of biomarkers associated with HAND which will allow advancing our current understanding of HAND pathogenesis.

Guest Editors

Dr. Pragney Deme

Department of Neurology, Johns Hopkins University School of Medicine, Baltimore, MD, USA

Dr. Michelino Di Rosa

Department of Biomedical and Biotechnological Sciences, University of Catania, 95123 Catania, Italy

Deadline for manuscript submissions

closed (31 December 2021)

Neurology International

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 4.8
Indexed in PubMed

mdpi.com/si/90009

Neurology International
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
neurolint@mdpi.com

mdpi.com/journal/neurolint

Neurology International

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 4.8
Indexed in PubMed

mdpi.com/journal/neurolint

MDPI

About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Junji Yamauchi
1. Laboratory of Molecular Neurology, Tokyo University of Pharmacy and Life Sciences, Tokyo, Japan
2. Department of Pharmacology, National Research Institute for Child Health and Development, Tokyo, Japan

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, ESCI (Web of Science), PubMed, PMC, Embase, and other databases.

Journal Rank:

JCR - Q2 (Clinical Neurology)