

Special Issue

Metabolomics and Epigenetics of Neurodegenerative Disease

Message from the Guest Editors

One of the major treatment hurdles associated with neurodegenerative diseases is that the majority of neurodegeneration has already occurred by the time an accurate, clinical diagnosis can be made. As such, and while expanding our understanding of both the etiology and pathophysiology of these heterogeneous diseases, metabolomics and epigenetics are being increasingly used to develop predictive/diagnostic/prognostic biomarkers to help identify those people at greatest risk of developing one of these diseases earlier. This Special Issue will include articles related to Alzheimer's disease and related dementias, Parkinson's disease, Huntington's disease, Motor neuron disease, Prion diseases and other related manifestations of neurodegenerative disease. Accepted manuscripts will focus on the etiopathophysiology of the neurodegenerative disease, specific biomarkers and therapeutic developments, to name but a few potential areas of interest. Literature reviews are also encouraged summarizing current efforts in the neurodegenerative disease research space employing metabolomics, epigenetics or a combination of both.

Guest Editors

Dr. Stewart Graham

Oakland University William Beaumont School of Medicine, Rochester, MI, USA

Dr. Sangeetha Vishweswaraiah

Oakland University William Beaumont School of Medicine, Rochester, MI, USA

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

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About the Journal

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

Editors-in-Chief

Dr. Alexander E. Kalyuzhny

Dental Basic Sciences, University of Minnesota, 308 Harvard St. SE,
Minneapolis, MN 55455, USA

Prof. Dr. Cord Brakebusch

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).