Special Issue

Effects of Microglia Changes on Neuroinflammation and Neurodegeneration

Message from the Guest Editors

Human lifespans have significantly extended, leading to a continuous growth in the percentage of elderly individuals in the population. This has led to the prevalence of numerous neurodegenerative diseases such as dementia, Parkinson's, Alzheimer's, and Huntington's disease. Microglia are found in the Central Nervous System (CNS), and these cells play crucial roles in the regulation of neuroinflammation and neurodegeneration. Neuroinflammation and neurodegeneration are key factors in the genesis of several neurodegenerative diseases; therefore, the importance of microglia research has been recognized, and studies in the related areas have proliferated. This Special Issue will include 1) mechanism studies of neuroinflammation in microglia; 2) mechanism studies of neurodegeneration in microglia; and 3) studies on therapeutical candidates for microglia during neuroinflammation and neurodegeneration.

Guest Editors

Dr. Chi-Su Yoon
College of Pharmacy, Wonkwang University, Iksan, Republic of Korea

Dr. Dong-Sung Lee
College of Pharmacy, Chosun University, Gwangju 61452, Republic of Korea

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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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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

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