Special Issue

Non-coding RNAs and Neurological Diseases 2022

Message from the Guest Editor

The purpose of this Special Issue on “Non-Coding RNAs and Neurological Diseases 2022” is to discuss the recent developments in microRNAs and non-coding RNAs in neurological diseases. MicroRNAs are a large family of conserved, small (20–22 nucleotides in length), non-coding RNAs. miRNAs play a central role in the post-translational regulation of gene expression, and have been found to be important regulators of many diseases, including diabetes, stroke, cancer, and neurological diseases, such as stroke, Alzheimer’s, Parkinson’s, Huntington’s, multiple sclerosis, amyotrophic lateral sclerosis, and triple-repeat diseases. A major focus of this Special Issue will be microRNAs and long non-coding RNAs as therapeutic targets and peripheral biomarkers in neurological diseases. Keywords

- microRNAs
- long non-coding RNAs
- gene regulation
- stroke
- Alzheimer’s
- Parkinson’s
- Huntington’s
- multiple sclerosis
- amyotrophic lateral sclerosis
- triple-repeat diseases

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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.

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