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Non-coding RNAs and Neurological Diseases 2022

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Message from the Guest Editor

Dear Colleagues,

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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