Neurodevelopmental and Neurodegenerative Disorders: Molecular Mechanisms and Therapeutic Strategies

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Message from the Guest Editors

Dear Colleagues,

With the advancement of modern neuroscience research techniques such as omics, including genomics, proteomics, metabolomics, metagenomics, phenomics, transcriptomics, single-cell RNA sequencing, connectomics, chemogenetics, optogenetics, machine learning and artificial intelligence, brain–computer interfaces, computational modelling, fMRI, and therapeutic strategies, staying current with the latest research and developments in the field of neurodevelopmental and neurodegenerative disorders may facilitate healthcare providers to use evidence-based approaches in their practice. For instance, based on an individual's unique genetic and molecular profile, scientists and clinicians may develop personalized treatment plans that are more effective and have fewer side effects.

This Special Issue welcome the submission of human, animal or cell experimental research work and review papers; we aim to provide a platform to discuss the latest developments in research on neurodevelopmental and neurodegenerative disorders so as to facilitate researchers and healthcare providers to develop novel therapeutic approaches in their practice to improve the lives of patients.

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Special Issue

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Message from the Editor-in-Chief

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