Special Issue

New Frontiers in Neurodevelopmental Disorders

Message from the Guest Editors

The prevalence of neurodevelopmental disorders (NDDs) has seen a dramatic increase in the last decade due to remarkable diagnostic evolution fueled by omics approaches such as WES or WGS combined with CNV microarrays, which made it possible to identify numerous novel intellectual disability (ID) genes. The mechanisms underlying an increasing number of NDDs started to be unraveled by patient-specific iPSC–neuronal models appointing morphological, molecular, and functional "disease" biomarkers. iPSc modeling also provided the platform for high-throughput screening of myriad chemicals and candidate drugs, speeding up the discovery of eventual cures for these debilitating diseases.

This Special Issue aims to provide an update on NDDs, from diagnostic genomic and postgenomic approaches to deep patient phenotyping, iPSC-modeling for the dissection of basic pathomechanisms, and drug screening for therapeutic prospects.

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There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine*'s (*JCM*) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

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