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Sensory Impairments in Children with Neurodevelopmental Disabilities

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Message from the Guest Editors

Early sensory experiences are critical from birth to adulthood, and significantly influence neurodevelopment. They are necessary to gather information during exploration of the surrounding environment, but the environment also influences the development of sensory systems because of the close relationship between neural networks and environmental events.

Dysfunctions in the sensory functions of children with neurodevelopmental disabilities can influence their clinical profile, producing cascading effects on motor, cognitive, and socio-communication development. In these children, sensory functions can be impaired to different degrees: from severe difficulties in children with cerebral palsy, to sensory processing dysfunctions in children with ASD, for example.

This Special Issue will provide an overview of the most recent advances in the field of sensory impairments in children with neurodevelopmental disabilities. We aim to present cutting-edge research and reviews that address a broad range of topics.



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Special Issue



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Message from the Editor-in-Chief

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