

Special Issue

Novel Insights into Developmental Coordination Disorder

Message from the Guest Editors

Developmental Coordination Disorder (DCD) is a prevalent yet often underrecognized neurodevelopmental condition that significantly impacts motor coordination, daily functioning, and psychosocial well-being throughout an individual's lifespan. Despite its formal recognition in the DSM and ICD, DCD remains underdiagnosed, especially among children with comorbidities such as ADHD or autism, and in high-risk populations like those born preterm. This Special Issue collates cutting-edge, multidisciplinary research on this topic to advance the understanding of DCD, ranging from its biological foundations to its real-world implications. The contributions span topics including neurodevelopmental mechanisms in preterm populations, neuroimaging and digital assessment tools, executive function and emotional regulation in DCD, the disorder's impact on quality of life, and its long-term outcomes. We welcome submissions of original research, systematic reviews, theoretical models, and methodological innovations that reflect the evolving landscape of DCD care across cultures, systems, and stages of life.

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You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

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