

## Special Issue

# AI and the Assessment of Neurodiversity and Intellectual Disability

### Message from the Guest Editors

This Special Issue of *Disabilities* explores the transformative potential of artificial intelligence (AI) in the assessment of neurodiversity and intellectual disability. We welcome all approaches incorporating digital assessment of disabilities, including naturalistic methods, such as gaming environments, routine educational assessments, and recorded family activities, or routine work performance evaluation, as a means of providing sources of rich naturalistic data. Contributions to this Issue should critically examine the strengths and weaknesses of these digital technologies, with a focus on ethics, equity, governance, and lived experiences. Papers identifying the attributes of systems readiness and/or the absorptive potential of current systems to integrate AI, identifying and navigating facilitators and barriers, are also welcome. As AI becomes increasingly integrated into educational and clinical practices related to a broad range of disabilities, this Special Issue will highlight the need for interdisciplinary, inclusive approaches to its development and implementation in the service of meaningful, personalised, and human-centered assessment.

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### Guest Editors

Prof. Dr. Malcolm MacLachlan

Dr. Zdenek Meier

Prof. Dr. Sharon Kleintjes

Dr. Kevin Marshall

Dr. Holly Wescott

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### Deadline for manuscript submissions

30 September 2026



## Disabilities

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## About the Journal

### Message from the Editor-in-Chief

Disability is a multidimensional construct and is the product of complex and situational interactions between an individual's attributes and their environments. This broadens the perspective of disability and allows for the examination of individual, social, and environmental influences on functioning, disability, and ability occurring in historical and cultural settings.

Consequently, *Disabilities* is inclusive of all types of disability, across all ages and contexts. We particularly welcome articles from low- and middle- income countries and articles that are authored/co-authored by people with the lived experience of disabilities.

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### Editor-in-Chief

Prof. Dr. Reinie Cordier

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 42.5 days after submission; acceptance to publication is undertaken in 5.9 days (median values for papers published in this journal in the second half of 2025).