

## Special Issue

# Hearing Impairment: Neurocognitive Consequences and Brain Plasticity

### Message from the Guest Editors

Hearing impairment is a challenging societal health problem. Modern prosthetic devices such as cochlear implants and hearing assistive technology bring promising and exciting opportunities for auditory rehabilitation to individuals with hearing loss.

The purpose of this special issue is to provide an open-access peer-reviewed forum that can bring international experts from related disciplines together to showcase new developments in this active research area of hearing impairment with an emphasis on the nature of neurocognitive consequences and brain plasticity in younger as well as older individuals. This special issue welcomes original studies, review and perspective articles, technical notes, and case studies with basic, clinical or translational research questions. We also welcome basic research on normal-hearing listeners that have significant implications on neural plasticity of the auditory system as a function of auditory training and experience.

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### Guest Editors

Prof. Dr. Yang Zhang

Prof. Dr. Seiji Nakagawa

Prof. Dr. Gavin M Bidelman

Prof. Dr. Anu Sharma

Dr. Chieh Kao

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### Deadline for manuscript submissions

closed (31 August 2023)



## Audiology Research

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## About the Journal

### Message from the Editor-in-Chief

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#### Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 21 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).