Special Issue

Perspectives on Audiology as an Interdisciplinary and Multilevel Science

Message from the Guest Editors

We have selected five critical research strands: ototoxicity, presbycusis, gene therapy, stem cell therapy, and advances in hearing technology. Ototoxicity addresses hearing conditions affected by chemicals or medications. Presbycusis focuses on the progressive and irreversible decline in hearing due to the aging process. Gene therapy addresses faculty DNA, which causes a type of inherited deafness. Stem cell therapy concerns the regeneration of damaged tissues in the inner ear, such as hair cells. Finally, advances in hearing technology provide the current status of hearing devices, such as hearing aids and cochlear implants, and their impact on the language and literacy development of d/Deaf and hard-of-hearing individuals. These five strands represent some of the cutting-edge research being conducted to improve hearing, affecting a significant percentage of the world's population. Each article should contextualize the importance of the strand and synthesize the scholar's work in that area. Each article should also provide recommendations for further research.

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Editor-in-Chief

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