Special Issue

Artificial Intelligence in Audiology, Hearing Rehabilitation and Phoniatrics: Emerging Methods and Clinical Applications

Message from the Guest Editors

This Special Issue aims to gather original research articles, systematic reviews, and clinical studies addressing the integration of AI and machine learning into audiological and phoniatric practice. We welcome contributions spanning the full clinical spectrum: from hearing science and cochlear implant outcomes to voice, swallowing, including their intersection with aging and cognitive decline. Topics of interest include, but are not limited to:

- Machine learning approaches for audiological diagnosis
- AI-driven neonatal hearing screening programs
- Machine learning in the diagnosis of voice disorders
- Artificial intelligence for hearing loss and cognitive decline risk in the elderly
- AI-based assessment of dysphagia and swallowing function
- Prognostic scoring models for cochlear implant outcomes from an audiological/rehabilitative perspective
- AI-assisted laryngostroboscopy and laryngeal imaging analysis
- Telemedicine platforms integrating AI for remote monitoring of otological and phoniatric conditions

Guest Editors

Prof. Dr. Luca Bruschini
Dr. Francesco Dispenza
Dr. Andrea Canale

Deadline for manuscript submissions

30 April 2027

Audiology Research

an Open Access Journal by MDPI

Impact Factor 1.7
CiteScore 2.5
Indexed in PubMed

mdpi.com/si/285196

Audiology Research
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
audiolres@mdpi.com

mdpi.com/journal/audiolres

Audiology Research

an Open Access Journal by MDPI

Impact Factor 1.7
CiteScore 2.5
Indexed in PubMed

mdpi.com/journal/audiolres

About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Dr. Giacinto Asprella Libonati
ENT Unit, Santa Maria delle Grazie Hospital, ASM Matera, 75100 Matera, Italy

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), PubMed, PMC, Embase, and other databases.

Journal Rank:

JCR - Q2 (Audiology and Speech-Language Pathology) / CiteScore - Q2 (Otorhinolaryngology)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 22.6 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 2026).