



Integration of Clinical and Molecular Studies in Understanding the Pathogenesis of Hearing Loss: From Cause to Cure

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Message from the Guest Editors

Dear Colleagues,

Hearing loss affects at least 1 in 1000 newborns, is a major cause of disability in children and adults and affects quality of life. Inner ear malfunction (sensorineural hearing loss) is caused by damage to the sensory cells and/or nerve fibers of the inner ear. Genetic alterations, exposure to drugs or noise and aging are among the causes of sensorineural hearing loss. An accurate clinical appraisal plays a fundamental role in assisting patients with hearing loss. At the same time, identification of precise molecular mechanism of hearing loss is essential to develop novel therapies. Therefore, a close integration of clinical and molecular studies is necessary to progress from cause to cure.

The scope of this Special Issue is to contribute to the dissemination of novel insights on the causes of hearing loss. Clinical studies must be accompanied by evidence illuminating the molecular mechanism of the disease and suggesting novel options and targets for therapy. The submission of original articles is encouraged; review articles and commentaries will also be accepted. Please note that case studies, case series, study protocols and mini reviews will not be considered.





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