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### DESCRIPTION

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The aim of the journal is to provide a forum for papers concerned with basic peripheral and central **auditory mechanisms**. Emphasis is on experimental and clinical studies, but theoretical and methodological papers will also be considered. The editor of the journal is prepared to accept original research papers in the form of full-length papers, rapid communications, letters to the Editor, and reviews.

Papers submitted should deal with **auditory anatomy, physiology, psychophysics, imaging, modeling and behavioural studies** in animals and humans, as well as **hearing aids and cochlear implants**. Papers on **comparative aspects** of hearing and on **effects of drugs and environmental contaminants** on hearing function will also be considered. **Clinical papers** will be accepted when they contribute to the understanding of normal and pathological hearing functions.

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Audiologists, Biologists, Otologists, Physiologists, Neurologists, Neuroscientists, Psychologists.

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Bibel, M., Hoppe, E., Barde, Y.A., 1999. Biochemical and functional interactions between the neurotrophin receptors trk and p75(NTR). *EMBO Journal* 18, 616-622.

Brors, D., Hansen, S., Mlynski, R., Volkenstein, S., Aletsee, C., Sendtner, M., Ryan, A.F., Dazert, S., 2008. Spiral ganglion outgrowth and hearing development in p75 (NTR)-deficient mice. *Audiology and Neuro-otology* 13, 388-395.

Chu, G.K.T., Yu, W., Fehlings, M.G., 2007. The p75 neurotrophin receptor is essential for neuronal cell survival and improvement of functional recovery after spinal cord injury. *Neuroscience* 148, 668-682.

Davis, R.R., Newlander, J.K., Ling, X.B., Cortopassi, G.A., Krieg, E.F., Erway, L.C., 2001. Genetic basis for susceptibility to noise-induced hearing loss in mice. *Hearing Research* 155, 82-90.

Dechant, G., Barde, Y.A., 2002. The neurotrophin receptor p75(NTR): novel functions and implications for diseases of the nervous system. *Nature Neuroscience* 5, 1131-1136.

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