

Special Issue

Advances in Interdisciplinary Tinnitus and Hyperacusis Research

Message from the Guest Editors

Tinnitus, or “ringing” in the ears, is a widespread and potentially devastating condition. Tinnitus is often linked to hearing loss and hyperacusis, an exaggerated response (from annoyance to fear and pain) to ordinary sounds in the environment that are tolerated by others without hyperacusis. To cure tinnitus and better understand the links between tinnitus, hearing loss, and hyperacusis, TIN-ACT, a European consortium (<https://www.tinact.eu/>), brings together researchers, clinicians, and industrial partners to bridge the gap between basic research, applied clinical research, and product development. This Special Issue will bring together research from the TIN-ACT consortium and its collaborators, and brings attention to the interdisciplinary research needed to investigate and treat tinnitus. Potential topics include, but are not limited to: Clinical assessment of tinnitus and hyperacusis; The role of central gain in tinnitus and hyperacusis; Neural markers of tinnitus; Brain and brainstem imaging to investigate tinnitus and hyperacusis; The role of stress in tinnitus; Genetic mechanisms underlying tinnitus; Hearing aids and cochlear implants to improve tinnitus.

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