Special Issue

Advances in Electrocochleography

Message from the Guest Editors

Electrocochleography has been adopted widely in research and clinical settings to measure electrical potentials derived from the cochlea for the diagnosis of hearing loss, hydrops, and the monitoring of hearing preservation. The main aim of this Special Issue is to expand the knowledge on electrocochleography, providing cutting-edge research and clinical studies and providing evidence-based reviews on the clinical application of electrocochleography.
Electrocochleography has been adopted in the clinical setting to estimate auditory thresholds in difficult cases, such in infants and in the diagnosis on auditory neuropathy in children. Despite its early adoption in defining the presence of cochlear hydrops in Meniere's disease, it was recently demonstrated to have a promising role in the intraoperative monitoring of hearing preservation and array insertion in cochlear implants. On a basic research level, it is a fundamental tool to study cochlear toxicity in experimental animals. We are welcoming both clinical and basic science research papers on electrocochleography and evidence-based reviews on its clinical application.

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You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

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