

Special Issue

Vestibular Disorders: Pathogenesis and Modern Diagnostic Approaches

Message from the Guest Editors

Vestibular disorders encompass a broad range of conditions with significant impacts on patients, families, and society. Despite extensive research, the etiopathogenesis of key disorders such as Ménière's disease, vestibular migraine, and benign paroxysmal positional vertigo (BPPV) remains partially understood. Recent advances in molecular diagnostics offer new opportunities to uncover mechanisms of vestibular dysfunction. Imaging techniques now allow in vivo visualization of inner ear structures, linking pathological changes with clinical and molecular findings. Integrating molecular, imaging, and clinical approaches provides a framework for better understanding vestibular disorders, enabling more precise diagnostics, refined classification, and personalized therapies. This Special Issue, "Vestibular Disorders: Pathogenesis and Modern Diagnostic Approaches," focuses on current concepts and novel discoveries in etiologies, molecular mechanisms, and diagnostic strategies. By combining molecular biology, imaging, and clinical research, it aims to enhance diagnostic accuracy and support precision medicine for vestibular dysfunction.

Guest Editors

Prof. Dr. Kazimierz Niemczyk

Department of Otorhinolaryngology Head and Neck Surgery, Medical University of Warsaw, Banacha 1a Str., 02-097 Warsaw, Poland

Dr. Agnieszka Jasińska-Nowacka

Department of Otorhinolaryngology Head and Neck Surgery, Medical University of Warsaw, Banacha 1a Str., 02-097 Warsaw, Poland

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona
Institute of Science and Technology, 08028 Barcelona, Spain

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