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The Vestibular System: Physiology and Testing Methods

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Message from the Guest Editors

Dear Colleagues,

The vestibular system is a complex system that controls space perception and motion detecting head position and motion by the labyrinthine organs. The latter work as mechanical transducers of physical stimuli into electrical signals that are sent to the brainstem. The brainstem processes and distributes the signals to other areas of the central nervous system (CNS), where complex superior functions are based to process signals, organize them and memorize the perception of space. Vestibular reflexes stabilize both our posture and our gait and have significant effects on our tests of vestibular function.

In this special issue, the physiology of the vestibular system and the most common tests used to assess the function of the vestibular system will be examined and discussed.

Deadline for manuscript
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Special issue