



Scientific Foundations of Audiology: Perspectives from Physics, Biology, Modeling, and Medicine (Hardback)

By -

Plural Publishing Inc, United States, 2016. Hardback. Condition: New. Language: English . Brand New Book. With advancements across various scientific and medical fields, professionals in audiology are in a unique position to integrate cutting-edge technology with real-world situations. Scientific Foundations of Audiology provides a strong basis and philosophical framework for understanding various domains of hearing science in the context of contemporary developments in: genetics, gene expression, bioengineering, neuroimaging, neurochemistry, cochlear and mid-brain implants, associated speech processing and understanding, molecular biology, physics, modeling, medicine, and clinical practice. Key features of this text include: Highly technical information presented in a cohesive and understandable manner (i.e. concepts without complex equations) Discussion of integrating newly developed technology within the clinical practice of audiology State-of-the-art contributions from a stellar array of international world-class experts Scientific Foundations of Audiology is geared towards: doctoral students in audiology, physics, and engineering; residents in otolaryngology, neurology, neurosurgery, and pediatrics; and those intermediaries between innovation and clinical reality.



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