Genetics of Deafness offers a journey through areas crucial for understanding the causes and effects of hearing loss and addresses the complexities eclipsing hearing loss on many levels. It covers topics such as the latest approaches in diagnostics and deafness research and the current status and future promise of gene therapy for hearing restoration. The book begins by bringing attention to how hearing loss affects the individual and society. Methods of hearing loss detection and management throughout the lifespan are highlighted as is a particularly new development in newborn hearing screening. Additional topics include current research interests ranging from novel gene identification to functional validation in the mouse and zebrafish. The book ends with a chapter on the state of the art of gene therapy – an area that is certain to gain increasing attention as molecular mechanisms of deafness are better understood.

Genetics of Deafness, written by leading authors in the field, is a must-read for clinicians, researchers, and students. It provides insight into several complex facets that are inherent to hereditary hearing loss.

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