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Sommario/riassunto	This book contains the proceedings of an international hearing-research conference held in Germany 2002. The conference brought together experts in genetics, molecular and cellular biology, physiology, engineering, physics, mathematics, audiology and medicine to synthesize and extend our understanding of how the cochlea works. Topics are discussed experimentally and theoretically at the molecular, cellular and whole-organ levels. Some of the topics are: mechanosensitivity of motor proteins; mechanochemical transduction by motor proteins; mechanoelectrical transduction in the stereocilia of hai

