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Nota di contenuto	Foreword -- Chapter 1: Update on Asian Eye Genetics Consortium (AEGC) -- Chapter 2: A Bibliometric Analysis of AEGC Publications -- Chapter 3: Opportunity for population based eye research in Asia and the Middle East: An NGO perspective -- Chapter 4 eyeGENE®: A model for advancing research of rare, inherited eye conditions through biobanking and data sharing -- Chapter 5: Inherited Ocular Disease in the New Zealand Mori; Novel genetic mechanisms and founder effects -- Chapter 6: Genetics of ocular diseases in Malaysia -- Chapter 7: Challenges and Opportunities in Genetic Research from the Perspective of a Tertiary Eye Care Hospital in Bangladesh -- Chapter 8: Genetic Research on Ocular Health and Disease in a Population from Nepal -- Chapter 9: The beginnings of genetic eye research in the Philippines: Case studies and a research center development framework -- Chapter 10: Hereditary Eye Disease in Ningxia Hui Autonomous Region of China -- Chapter 11: Ophthalmic Genetics in India; From Tentative Beginnings in the 1980s to Major Achievements in the 21st century -- Chapter 12: Panel-Based Next-Generation Sequencing for Inherited Retinal Degenerations in Koreans -- Chapter 13: Genetic Disease in Ophthalmology: Health Care and Research Opportunity in Bangladesh -- Chapter 14: Update on Japan Eye Genetics Consortium -- Chapter 15: Genetics and susceptibility of retinal eye diseases in India -- Chapter 16: Unique Patient Populations in Asia for Genetic Eye Research

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### Sommario/riassunto

This second volume continues with a focus on the state of the art in genetic eye research in Asia and the Pacific. Though there has been an explosion of information on genetic eye research in western countries, more than sixty percent of the human genes involved in eye diseases in the Asian and Pacific population remain unknown. However, new efforts and a new awareness have sparked important discussions on the subject, and new plans are being implemented to discover the genes responsible for many eye diseases in the population. The book reviews the latest findings; its content ranges from genetic aspects of human migration to DNA sequence analysis, genome-wide association analysis, and disease phenotypes. The efforts of the Asian Eye Genetic Consortium (AEGC) are also discussed. The book's editors have been instrumental in developing strategies for discovering the new Asian genes involved in many eye diseases. All chapters were written by leading researchers working on Asian eye genetics from the fields of Human Genetics, Ophthalmology, Molecular Biology, Biochemistry, Sensory Sciences, and Clinical Research. *Advances in Vision Research, Volume II* will prove to be a major resource for all researchers, clinicians, clinical researchers, and allied eye health professionals with an interest in eye diseases among the Asian population.

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