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	Titolo	Age-related Macular Degeneration : From Clinic to Genes and Back to Patient Management / / edited by Emily Y. Chew, Anand Swaroop
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	Nota di contenuto	1. Age-Related Macular Degeneration: Epidemiology and Clinical Aspects -- 2. Ocular Imaging for Enhancing the Understanding, Assessment, and Management of Age-Related Macular Degeneration -- 3. Histopathology of Age-Related Macular Degeneration and Implications for Pathogenesis and Therapy -- 4. Bruch's Membrane and the Choroid in Age-Related Macular Degeneration -- 5. Innate Immunity in Age-Related Macular Degeneration -- 6. Immunological Aspects of Age-Related Macular Degeneration -- 7. AMD Genetics: Methods and Analyses for Association, Progression, and Prediction -- 8. Making Biological Sense of Genetic Studies of Age-Related Macular Degeneration -- Age-Related Macular Degeneration: From Epigenetics to Therapeutic Implications -- 10. Mitochondria: The Retina's Achilles' Heel in AMD -- 11. Cell-Based Therapies for Age-Related Macular Degeneration -- 12. Current Management of Age-Related Macular Degeneration.
	Sommario/riassunto	This edited book focuses on the recent advances in our understanding of age-related macular degeneration (AMD), combining epidemiology

and clinical diagnosis, with genetics and immunological aspects as well as the role of proteostasis and mitochondria before diving into new therapies including stem cell based approaches. AMD is a leading cause of largely incurable blindness worldwide and projected to double from 2.07 million to 5.44 million individuals by 2050 in the United States. Globally, 288 million individuals are projected to have AMD by 2040. The disease has enormous socioeconomic impact on the affected individuals, their families and the society. This book will bring together the state of the art basic science knowledge with clinically relevant findings and address the challenges for future research in AMD. The intersection of different disciplines will provide potential areas for further investigations to reduce the burden of blindness from AMD. This book offers an appealing and insightful resource for clinicians, scientists, students and fellows.