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Autore	Moazed Kambiz Thomas
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Note generali	Includes index.
Nota di contenuto	Chapter 1. Embryology of Iris -- Chapter 2. Iris Anatomy -- Chapter 3. Iris Histology -- Chapter 4. Iris Electron Microscopy -- Chapter 5. Molecular Biology of Iris -- Chapter 6. Iris Immunology and Wound Healing -- Chapter 7. Iris Versus Skin -- Chapter 8. Iris Genetics -- Chapter 9. Iris Photobiology and Scanning Modules -- Chapter 10. Eye Color Change -- Addendum. Eye Color Survey.
Sommario/riassunto	The iris is a circular, pigmented tissue that separates the anterior chamber of the eye from the posterior chamber. It has a crucial role on controlling the amount of the light entering the eye through its central opening "the pupil". The Iris has multiple important functions that support and provide image clarity on the retina. However, it is a largely neglected part of the eye, compared to the cornea lens, retina, and optic nerve, and has not been focused on in a comprehensive way until now. The Iris: Understanding the Essentials, combines different aspects of scientific information from a variety of fields, such as anatomy, histopathology, molecular biology, electron microscopy and other diagnostic modalities. Each chapter will include pearls and summary points, and this multi-disciplinary approach helps the clinician diagnose and treat the large variety of diseases that affect the iris, with the main emphasize on pigmentary pathological changes that can

affect the color of the eye. Written as a reference review book for universities, practicing ophthalmologists, Ophthalmology residents, pharmaceutical companies and diagnostic equipment manufacturing companies this book summarizes the information in an easy-to-use manner to help the reader better understand the iris, iris structure, physiology and function.
