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Collana	Handbook of Experimental Pharmacology, , 0171-2004 ; ; 242
Disciplina	617.7
Soggetti	Pharmacology Pharmaceutical technology Ophthalmology Pharmacology/Toxicology Pharmaceutical Sciences/Technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	General Principles: Principles of Ocular Pharmacology -- Ocular Pharmacokinetics -- Ocular Drug Delivery -- Anterior Segment and Tear Film: Tear Film-dry eye -- Conjunctiva-allergic conjunctivitis, infectious conjunctivitis, conjunctival hyperemia -- Cornea-Keratitis, antibiotics, antifungals, anti-virals, anti-inflammatory agents including corticosteroids and NSAIDS -- Cornea-Keratoconus and other corneal disease, Pharmacologic cross-linking and future therapy -- Lens-management of cataract surgery, cataract prevention, floppy iris syndrome -- Trabecular Meshwork and Uvea: Glaucoma-Intraocular Pressure Reduction -- Glaucoma-Neuroprotection -- Uveitis -- Posterior Segment and Optic Nerve: Retina Anti-angiogenesis, AMD, Myopia, DME -- Retina Anti-inflammatory therapy, corticosteroids, anti-complement, AMD, DME -- Atrophic AMD -- Hereditary Retinal Disease -- Optic Nerve.
Sommario/riassunto	There have been major advancements in the pharmacologic treatment of eye diseases over the past decade. With newly discovered disease targets and novel approaches to deliver therapeutic compounds to the eye, patients are seeing improved outcomes. Not only are there better

treatments for diseases where treatments existed, we now have effective therapy for previously untreatable and blinding eye disorders. This volume will cover the pharmacologic treatment of eye diseases from the front of the eye including eyelids, conjunctiva and cornea all the way back to the retina and optic nerve. The first section of the volume reviews general principles of ocular pharmacology, pharmacokinetics, pharmaceutical sciences, and drug delivery. In addition, the volume provides an up to date guide to the pharmacologic approach to the key eye diseases that threaten sight or ocular function.
