1. Record Nr. UNINA9910373959503321 Hereditary Chorioretinal Disorders / / edited by Gemmy Cheung Titolo Singapore:,: Springer Singapore:,: Imprint: Springer,, 2020 Pubbl/distr/stampa **ISBN** 981-15-0414-8 Edizione [1st ed. 2020.] Descrizione fisica 1 online resource (VII, 147 p. 126 illus., 110 illus. in color.) Retina Atlas, , 2662-5741 Collana 617.73 Disciplina Soggetti Ophthalmology Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Retinits pigmentosa and allied disorders -- Best's disease --Nota di contenuto Congenital X-linked retinoschisis -- Progressive cone dystrophy and cone-rod dystrophy -- Pattern dystrophy of the retinal pigment epithelium -- Stargardt's disease and fundus flavimaculatus -- North Carolina macular dystrophy -- Choroideremia -- Malattia Leventinese or Dovne honeycomb retinal dystrophy -- Bietti's crystalline dystrophy -- Albinism. Sommario/riassunto This volume of the retina atlas focuses on hereditary chorioretinal disorders. The topics covered include retinitis pigmentosa, Best disease, congenital X-linked retinoschisis, cone dystrophy, Stargardt's disease, pattern dystrophy, North Carolina macular dystrophy,

This volume of the retina atlas focuses on hereditary chorioretinal disorders. The topics covered include retinitis pigmentosa, Best disease, congenital X-linked retinoschisis, cone dystrophy, Stargardt's disease, pattern dystrophy, North Carolina macular dystrophy, choroideremia, Mallattia Leventinese, Bietti's crystalline dystrophy, and albinism. All clinical features are clearly illustrated with multimodal imaging techniques. The utility of some of the latest imaging tools such as OCT angiography, adaptive optics-scanning laser ophthalmoscopy, and microperimetery is discussed. Readers will gain valuable new insights into pathogenesis at the molecular level, which have been facilitated by recent genetic discoveries. The use of genetic testing and the latest advances in and challenges of gene therapy and cell-based therapy are also covered in detail. Hereditary Chorioretinal Disorders atlas is one of nine volumes in the series Retina Atlas. The series provides validated and comprehensive information on vitreoretinal diseases, covering imaging basics, retinal vascular diseases, macular disorders, ocular inflammatory and infectious disorders, retinal degeneration, the surgical retina, ocular oncology, pediatric retina and