

1. Record Nr.	UNISA996202091903316
Titolo	Human cataract formation
Pubbl/distr/stampa	London, : Pitman Newark, N.J., : Distributed in North America by CIBA Pharmaceutical Co. (Medical Education Division), 1984
ISBN	0-272-79175-X 1-280-78411-3 9786613694508 0-470-72087-5 0-470-71857-9
Descrizione fisica	1 online resource (300 pages)
Collana	Ciba Foundation symposium ; ; 106
Altri autori (Persone)	NugentJonathan WhelanJulie
Disciplina	617.7/42
Soggetti	Cataract - Etiology Pathology, Molecular
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Symposium on Human Cataract Formation, held at the Ciba Foundation, London, 25-27 October, 1983; editors, Jonathan Nugent (Organizer) and Julie Whelan"--P. v.
Nota di bibliografia	Includes bibliographies and indexes.
Nota di contenuto	Human cataract formation; Contents; Introduction; Classification of human cataractous change by the American Cooperative Cataract Research Group method; Discussion; Epidemiological and other studies in the assessment of factors contributing to cataractogenesis; Discussion; Oxidation and cataract; Discussion; Metabolism and function of glutathione in the lens; Discussion; Cataracts and photochemical damage in the lens; Discussion; Diabetic and galactosaemic cataracts; Discussion; Calcium and the physiology of cataract; Discussion General discussion Causes and mechanisms of human cataract formation Cytoskeletal proteins of the ageing human lens; Discussion; Interaction of crystallins with M. Vermorken, I. Dunia and E. L. Benedetti the cytoskeletal-plasma membrane complex of the bovine lens; Discussion; Crystallin genes: templates for lens transparency;

Discussion; The crystallin gene families; The molecular structures and interactions of bovine and human Y- crystallins; Discussion; The molecular basis of cataract formation; Discussion
The application of non-invasive techniques to the study of cataract development on the metabolic and the protein molecular level
Discussion; Final general discussion Sequence of events in cataract formation; Strategies for future research on the human lens; Index of contributors; Subject index
