

1. Record Nr.	UNINA9910819035403321
Titolo	Membrane recycling
Pubbl/distr/stampa	London, : Pitman Summit, N.J., : Distributed in North America by CIBA Pharmaceutical Co., Medical Education Administration, 1982
ISBN	9786613694454 9781280784064 1280784067 9780470720745 0470720743 9780470718438 0470718439
Edizione	[1st ed.]
Descrizione fisica	1 online resource (322 p.)
Collana	Ciba Foundation symposium ; ; 92
Disciplina	574.87/5
Soggetti	Cell membranes Endocytosis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Membrane recycling; Contents; Problems in intracellular membrane traffic; Phagocytosis and fluid-phase pinocytosis; Discussion; Endocytosis, membrane recycling and Fc receptor function; Discussion; Endocytosis of enveloped animal viruses; Discussion; Receptor-mediated endocytosis and the cellular uptake of low density lipoprotein; Discussion; Epidermal growth factor: uptake and fate; Discussion; GENERAL DISCUSSION I; Receptor-mediated endocytosis of asialoglycoproteins in the hepatocyte; Recycling of the transferrin receptor in HeLa cells The Golgi apparatus: roles for distinct 'cis' and 'trans' compartments Discussion; Steps in the phosphorylation of the high-mannose oligosaccharides of lysosomal enzymes; Discussion; Membrane recycling in secretory cells: pathway to the Golgi complex; Discussion; Biogenesis of epithelial cell plasma membranes; Discussion; Receptor-mediated transport of IgG across the intestinal

epithelium of the neonatal rat; Discussion; GENERAL DISCUSSION II; Development of a cell line with a marked proliferation of crystalloid endoplasmic reticulum
Early events in the receptor-modulated endocytosis of epidermal growth factor and α 2-macroglobulin-protease complexes Coated vesicles-variations in morphology and function; Structure of coated pits and vesicles; Discussion; Endocytosis, the sorting problem, and cell locomotion in fibroblasts; Discussion; FINAL GENERAL DISCUSSION; Membrane recycling under experimental control; Crude export from ER to Golgi, and the role of coated vesicles; Chairman's closing remarks; Index of contributors; Subject index

Sommario/riassunto

The Novartis Foundation Series is a popular collection of the proceedings from Novartis Foundation Symposia, in which groups of leading scientists from a range of topics across biology, chemistry and medicine assembled to present papers and discuss results. The Novartis Foundation, originally known as the Ciba Foundation, is well known to scientists and clinicians around the world.
