

1. Record Nr.	UNINA9910778321103321
Titolo	Chemical aspects of drug delivery systems / editors, D.R. Karsa, R.A. Stephenson
Pubbl/distr/stampa	Cambridge : , : Royal Society of Chemistry, Information Services, , 1996
ISBN	1-62870-122-6 1-84755-037-1
Descrizione fisica	1 online resource (viii + 162 pages) : illustrations
Collana	Special publication ; ; no. 178
Altri autori (Persone)	KarsaD. R StephensonR. A
Disciplina	615.6
Soggetti	Drug delivery systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	The proceedings of a symposium organized by the Waterborne Polymers Group of the British Association for Chemical Specialities (BACS) and the MACRO Group UK (Joint Group of the Royal Society of Chemistry and the Society of Chemical Industry) at Salford University on 17-18 April 1996.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	New Materials and Systems for Drug Delivery and Targeting; The Use of Bioadhesive Polymers as a Means of Improving Drug Delivery; Some Novel Aspects of Transdermal Drug Delivery; Controlled Drug Release Using Hydrogels Based on Poly(ethylene glycols); Macrogels and Microgels; Structural Investigations of the Monolayers and Vesicular Bilayers Formed by a Novel Class of Nonionic Surfactant; Non-ionic Surfactant Vesicles and Colloidal Targeting Delivery Systems: The Role of Surfactant Conformation; Monofunctional Poly(ethylene glycol): Characterisation and Purity for Protein-Modification Applications; Lactose - The Influence of Particle Size and Structure on Drug Delivery; Functional Differences and Regulatory Aspects of Lactose Products Labelled as Lactose Modified; Flexibility in Tablet Formulation by Use of Lactose Based Direct Compression Compounds; Compressional and Tableting Performance of High Density Grades of Microcrystalline Cellulose; Starch Based Drug Delivery Systems; Trehalose and Novel Hydrophobic Sugar Glasses in Drug Stabilization and Delivery; Aqueous Shellac Solutions for Controlled Release Coatings; Information Requirements for Drug Delivery Systems; Subject Index.

Sommario/riassunto

Despite advances in the development of new drugs, a drug may never reach the target organ, or it may be difficult to achieve the necessary level of drug in the body. Large doses can result in serious side effects and can harm normal, as well as diseased, cells and organs, and for this reason it is vital that controlled release and the targeting of delivery systems must evolve in parallel to drug research. Chemical Aspects of Drug Delivery Systems reflects the modern challenge to devise effective drug delivery and targeting systems, giving particular emphasis to recent innovations in the field.
