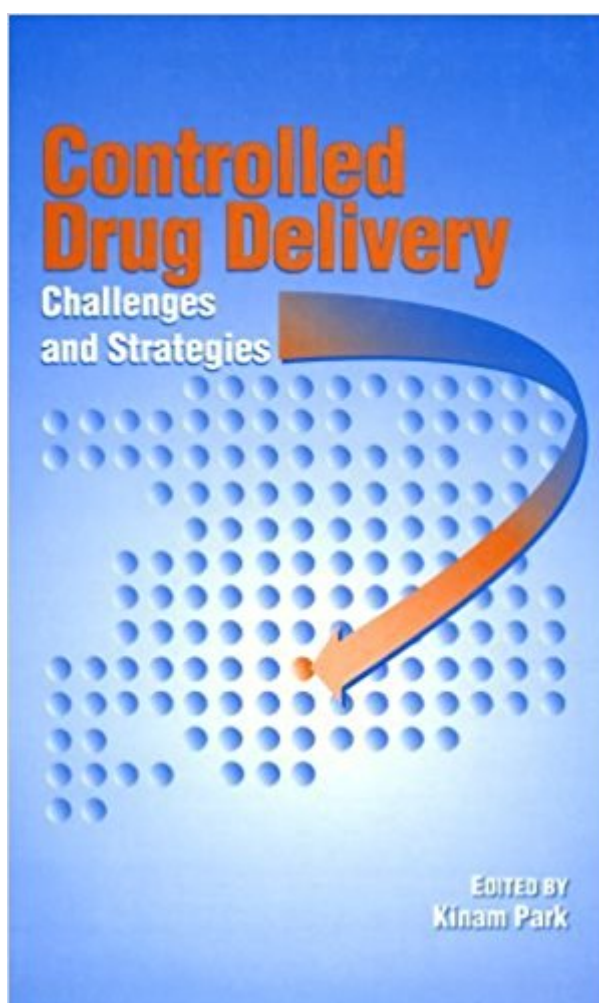


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# Controlled Drug Delivery: Challenges And Strategies (ACS Professional Reference Book)



## Synopsis

This volume discusses the challenges of creating controlled release dosage forms that will deliver new therapeutic agents based on high-molecular-weight molecules. It examines strategies for delivering drugs through resistant biological barriers and surveys a variety of topics, including drug targeting, self-regulated drug delivery, protein drug delivery, biosensors, cell and tissue engineering, new biomaterials, modeling methods, pharmacokinetics, and U.S. federal regulations.

## Book Information

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"The book combines information on diversified subjects related to controlled drug delivery. Most of its 29 review-type chapters focus on parenteral delivery, a few deal with oral applications. Almost all of the chapters, written by well-known authors in the field, are nicely set up, easy to read, and well structured. Overall, the book can serve as an introduction for individual industrial and academic scientists who are starting to work in the field. Covering numerous subjects, which have become extensive fields themselves, an interested or experienced reader is referred to more detailed books on microparticulate systems, drug targeting, colloidal drug carriers or protein and peptide delivery."

-- Dr. Wolfgang Fried, European Journal of Pharmaceutics and Biopharmaceutics, 47, 1999

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