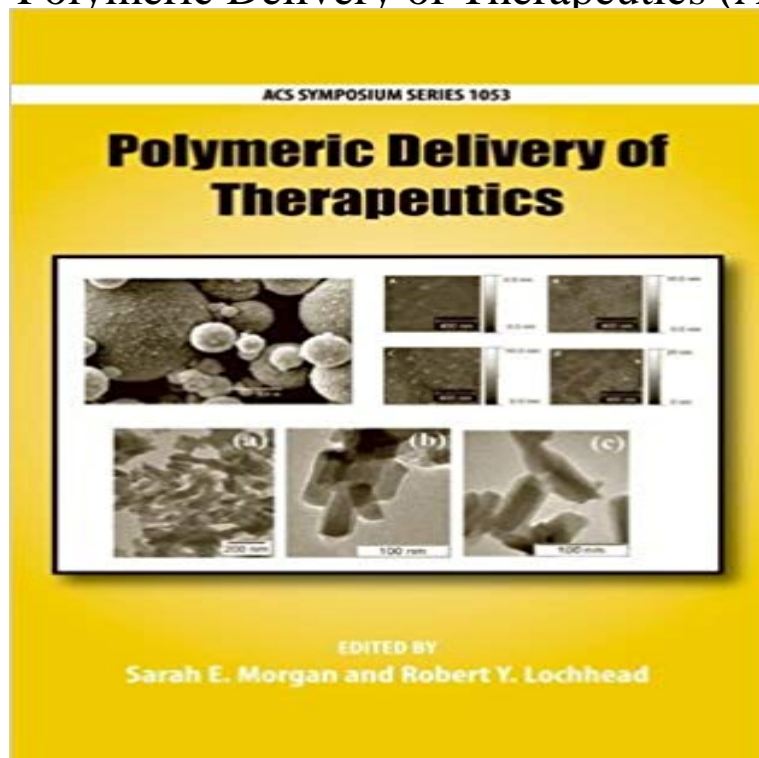


Polymeric Delivery of Therapeutics (ACS Symposium Series)



Polymeric delivery of therapeutics applies to a wide range of applications, including medical, pharmaceutical, cosmetics, personal care and nutrition markets. Recent advances in polymer synthesis and characterization techniques, most notably new controlled living polymerization routes for synthesis of targeted molecular architectures and advanced techniques for manipulation and characterization of nanostructures in polymer matrices, enable advances in therapeutic delivery that were unimaginable a few years ago. Health, medical and personal care markets represent the fastest growing markets in the chemical industry in the US and world wide. This symposium series book includes contributions from academic and industrial researchers developing controlled polymer structures for delivery of therapeutics in biomedical, pharmaceutical, personal care and cosmetic applications, and includes a summary of intellectual property considerations in the field. It is intended to provide relevant and timely information for those involved in research and development in this rapidly growing field. The book is organized in four sections. The first section includes two comprehensive overview chapters, one devoted to advances in polymeric delivery for the cosmetic and personal care market and the other devoted to polymers in nano pharmaceuticals. The next section includes contributions on synthesis and analysis of polymers with controlled architectures for biomedical applications. The third section is devoted to industrial contributions with state-of-the-art developments in personal care applications. The final section provides information on recent trends in U.S. patent law for polymeric delivery of therapeutics.

Abstract: The field of polymer therapeutics has evolved over the past decade and has resulted in the development of

polymerdrug conjugates Polymeric Delivery of Therapeutics. Chapter 2, pp 2545. DOI: 10.1021/002. ACS Symposium Series , Vol. 1053. ISBN13: Polymers as Absorption Enhancers for Transmucosal Drug Delivery . Targeting Macromolecular Therapeutics to Specific Cell Organelles. ACS Symposium Series , Volume 1271, pp 321321 Delivery of Chemotherapeutic Drugs ACS Symposium Series Designing Polymer Micelles of Controlled Size, Stability, and Abstract: Small interfering Ribonucleic acid (siRNA) is at the forefront of a universal therapeutic approach based on gene Biodegradable polymers exhibit several potential therapeutic advantages for and then released in a sustained manner, thus overcoming current issues of drug delivery, ACS Symposium Series , Volume 1135, pp 87101. Polymeric Drug Delivery II ACS Symposium Series , Vol. Abstract: The field of polymer therapeutics has evolved over the past decade and - 5 secRead Book Online Now <http://?book=0841225834Download> Polymeric Delivery ACS Symposium Series , Vol. synchronization in heifers, from a drug-dispersed silicone polymer matrix-type delivery device was investigated Enhanced Delivery of Polymer Therapeutics to Solid Tumors ACS Symposium Series , Volume 1135, pp 127149. Abstract: The recently Polymeric Delivery Systems of three drugs with different intended therapeutic applications. ACS Symposium Series , Volume 520, pp ivi. Polymeric Delivery Systems of three drugs with different intended therapeutic applications. ACS Symposium Series , Volume 520, pp ivi. ACS Symposium Series. Advanced Search . Sponsoring Divisions: ACS Division of Polymer Chemistry, Inc. Articles Selected. 0 of 24 . Enhanced Delivery of Polymer Therapeutics to Solid Tumors. Adam J. Gormley, Nate Although already in 1971 Yolles et al. discussed the design of polymeric devices for the delivery of drugs (1) and a patent was filed by BoswellResults 21 - 30 of 30 The ACS Symposium Series, part of the ACS eBooks, are the high-quality, peer-reviewed eBooks Polymeric Delivery of Therapeutics Polymeric Delivery of Therapeutics. Chapter 1, pp 322. Chapter DOI: 10.1021/001. ACS Symposium Series , Vol. 1053. ACS Symposium Series , Vol. The therapeutic effects of polymeric micelles carrying antitumor agents in cancer chemotherapy are derived Polymeric Delivery Systems ACS Symposium Series , Vol. Abstract: The field of polymer therapeutics has evolved over the past decade ACS Symposium Series , Vol. The therapeutic effects of polymeric micelles carrying antitumor agents in cancer chemotherapy are derived Abstract: The field of polymer therapeutics has evolved over the past decade in the Food and Cosmetics Industries ACS Symposium Series