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Chapter 1 : Liposome Technology : Gregory Gregoriadis :

Liposome Technology, Third Edition, Three Volume Set is an ideal resource for pharmaceutical scientists, researchers, regulatory personnel, FDA personnel, and medicinal chemists working in this discipline.

Subjects Description Offering step-by-step technical details, Liposome Technology, Third Edition, Three Volume Set provides comprehensive coverage of all aspects of liposome technology, including liposome preparation and analysis, entrapment of drugs and other materials into liposomes, and liposome interaction with the biological environment to be applied in the detection, therapy, or prevention of disease. The text offers critical discussions of the methodologies of each technology discussed so that readers can examine the benefits and limitations and compare it to other methods. This Third Edition features 55 chapters written by leading international experts. Because of the considerable progress in liposome related techniques and their application in therapy since the publication of the Second Edition in , over half of the chapters are new to the edition, and the other chapters have been extensively updated. Liposome Technology, Third Edition, Three Volume Set is an ideal resource for pharmaceutical scientists, researchers, regulatory personnel, FDA personnel, and medicinal chemists working in this discipline. Formation of Large Unilamellar Vesicles by Extrusion. Immunopotentiating Reconstituted Influenza Virosomes. Mixed Vesicles and Mixed Micelles: Formation, Thermodynamic Stability and Pharmaceutical Aspects. Stabilization of Liposomes by Freeze-Drying: Coupling of Peptides to the Surface of Liposomes: Application to Liposome-Based Synthetic Vaccines. Encapsulation of Nucleic Acid-Based Therapeutics. Radiolabeling of Liposomes for Scintigraphic Imaging. Liposomal Bisphophonates for the Treatment of Restenosis. Influenza Virosomes as Adjuvants in Cancer Immunotherapy. Lipid Peptide Vectors for Gene Therapy. Uptake and Intracellular Fate of Liposomes. Effect of Lipid Dose and Dosing Frequency. Targeting Tumor Angiogenesis Using Liposomes. Targeting of Cationic Liposomes to Endothelial Tissue. Folate Receptor Targeted Liposomes. Targeting of Liposomes to Lymph Nodes. Liposomes for Intracavitary and Intratumoral Drug Delivery. Liposomes in Cancer Immunotherapy. From Animal to Man.

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Chapter 2 : Liposome Technology - CRC Press Book

Liposome Technology, Volume I: Liposome Preparation and Related Techniques, Third Edition by Gregory Gregoriadis Liposome Technology, Volume I: Liposome Preparation and Related Techniques, Third Edition, is a thoroughly updated and expanded new edition of a classic text in the field.

Table of Contents Summary Offering step-by-step technical details, Liposome Technology, Third Edition, Three Volume Set provides comprehensive coverage of all aspects of liposome technology, including liposome preparation and analysis, entrapment of drugs and other materials into liposomes, and liposome interaction with the biological environment to be applied in the detection, therapy, or prevention of disease. The text offers critical discussions of the methodologies of each technology discussed so that readers can examine the benefits and limitations and compare it to other methods. This Third Edition features 55 chapters written by leading international experts. Because of the considerable progress in liposome related techniques and their application in therapy since the publication of the Second Edition in , over half of the chapters are new to the edition, and the other chapters have been extensively updated. Liposome Technology, Third Edition, Three Volume Set is an ideal resource for pharmaceutical scientists, researchers, regulatory personnel, FDA personnel, and medicinal chemists working in this discipline. Formation of Large Unilamellar Vesicles by Extrusion. Immunopotentiating Reconstituted Influenza Virosomes. Mixed Vesicles and Mixed Micelles: Formation, Thermodynamic Stability and Pharmaceutical Aspects. Stabilization of Liposomes by Freeze-Drying: Coupling of Peptides to the Surface of Liposomes: Application to Liposome-Based Synthetic Vaccines. Encapsulation of Nucleic Acid-Based Therapeutics. Radiolabeling of Liposomes for Scintigraphic Imaging. Liposomal Bisphophonates for the Treatment of Restenosis. Influenza Virosomes as Adjuvants in Cancer Immunotherapy. Lipid Peptide Vectors for Gene Therapy. Uptake and Intracellular Fate of Liposomes. Effect of Lipid Dose and Dosing Frequency. Targeting Tumor Angiogenesis Using Liposomes. Targeting of Cationic Liposomes to Endothelial Tissue. Folate Receptor Targeted Liposomes. Targeting of Liposomes to Lymph Nodes. Liposomes for Intracavitary and Intratumoral Drug Delivery. Liposomes in Cancer Immunotherapy. From Animal to Man.

Chapter 3 : Liposome Technology PDF

Liposome Technology, Volume I: Liposome Preparation and Related Techniques, Third Edition, is a thoroughly updated and expanded new edition of a classic text in the field. Including step-by-step technical details, Volume I illustrates numerous methods for liposome preparation and auxiliary techniques necessary for the stabilization and.

Chapter 4 : Liposome Technology: 3rd Edition (Hardback) - Routledge

Liposome Technology, Volume II: Entrapment of Drugs and Other Materials into Liposomes, Third Edition is a comprehensively updated and expanded new edition of a classic text in the field.

Chapter 5 : Liposome Technology: Liposome Preparation and Related Techniques - Google Books

Offering step-by-step technical details, this work provides comprehensive coverage of all aspects of liposome technology, including liposome preparation and analysis, drug entrapment, and techniques for in vitro and in vivo evaluation of liposomes.