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Nota di contenuto	Transdermal and Topical Drug Delivery Principles and Practice; Contents; Preface; About the Editors; Contributors; Part One: Current Science, Skin Permeation, and Enhancement Approaches; Chapter 1: Skin Structure, Function, and Permeation; Chapter 2: Passive Skin Permeation Enhancement; Chapter 3: Electrical and Physical Methods of Skin Penetration Enhancement; Chapter 4: Clinical Applications of Transdermal Iontophoresis; Chapter 5: In Vitro Skin Permeation Methodology; Chapter 6: Skin Permeation Assessment: Tape Stripping; Chapter 7: Skin Permeation Assessment: Microdialysis Chapter 8: Skin Permeation: Spectroscopic MethodsChapter 9: Skin Permeation Assessment in Man: In Vitro-In Vivo Correlation; Chapter 10: Risk Assessment; Part Two: Topical and Transdermal Product Development; Chapter 11: An Overview of Product Development from Concept to Approval; Chapter 12: Regulatory Aspects of Drug Development for Dermal Products; Chapter 13: Toxicological and Pre-

clinical Considerations for Novel Excipients and New Chemical Entities; Chapter 14: Topical Product Formulation Development; Chapter 15: Transdermal Product Formulation Development Chapter 16: Sensitivity and Irritation Testing Chapter 17: New Product Development for Transdermal Drug Delivery: Understanding the Market Opportunity; Chapter 18: Transdermal and Topical Drug Delivery Today; Chapter 19: Current and Future Trends: Skin Diseases and Treatment; Index

Sommario/riassunto

Practical drug development approaches presented by leading experts Designed to support the development of new, effective therapeutics, Topical and Transdermal Drug Delivery: Principles and Practice explains the principles underlying the field and then demonstrates how these principles are put into practice in the design and development of new drug products. Drawing together and reviewing the latest research findings, the book focuses on practical, tested, and proven approaches that are backed by industry case studies and the authors' firsthand experience. Moreover, the book emp
