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Physical Penetration Enhancers: Therapeutic Applications and Devices (Volume 2)

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About the eBook

This volume covers the methods of using skin penetrating agents, the therapeutic applications of physical penetration enhancers and devices in the market. Chapters cover topics such as transdermal drug delivery through iontophoresis, gene therapy, physiotherapy, skin disorders, vaccination, and pharmacology. Devices covered in this volume include micro needles, nano-carrier and gene delivery systems.

Contents

- ▶ Physical Penetration Enhancers: An Overview
- ▶ Iontophoresis
- ▶ Delivery of DNA-Based Vaccines with In Vivo Electroporation
- ▶ Sonophoresis: Therapeutical Uses and Devices
- ▶ Radiofrequency as Physical Approach for Transdermal Penetration Enhancement, Non- Surgical Skin Procedures, Orthopedics and Chronic Pain
- ▶ Microneedles
- ▶ Nanocarrier Systems with the Use of Physical Enhancers
- ▶ Glossary

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