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Treatise on Ocular Drug Delivery

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About the ebook

This monograph covers a range of topics on ocular pharmacology, such as the biochemical background of specific eye diseases, challenges for ocular drug delivery, the role of influx and efflux transporters, novel drug delivery systems, pharmacokinetics, regulatory aspects, and patenting opportunities for researchers.

Contents

- ▶ A Brief Overview of Ocular Anatomy and Physiology
- ▶ Routes of Ocular Drug Delivery - Conventional vs. Novel Routes
- ▶ Drug Delivery to Anterior Segment of the Eye
- ▶ Barriers for Posterior Segment Ocular Drug Delivery
- ▶ Biodegradable Polymers for Ophthalmic Applications
- ▶ Drug Delivery Systems for Diseases of the Back of the Eye
- ▶ Novel Strategies to Enhance Ocular Bioavailability
- ▶ Microdialysis - Utility in Establishing PK/PD Relationships in Ophthalmology
- ▶ Recent Patents and Regulatory Aspects on Ophthalmic Drug Delivery Systems

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