ALFRED BENZON SYMPOSIUM 17

Optimization of Drug Delivery

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Optimization of Drug Delivery

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OPTIMIZATION OF DRUG DELIVERY

Proceedings of the Alfred Benzon Symposium 17 held at the premises of the Royal Danish Academy of Sciences and Letters, Copenhagen 31 May – 4 June 1981

EDITED BY

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沈阳药学院图书
Y078267

Published by
Munksgaard, Copenhagen

Distributed in Japan by
Nankodo, Tokyo

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Printed in Denmark by P. J. Schmidts Bogtrykkeri, Vojens
ISBN 87-16-08979-0
ISSN 0105-3639

Distributed in Japan by
Nankodo Company Ltd.

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Preface

It has become increasingly clear that the commonly used processes of delivering therapeutic agents to the sites of their action within the body are generally inefficient and unreliable. Optimization of drug delivery and consequent improvement in drug efficacy implies both an efficient transport of a drug substance to its site of action and an optimal rate of delivery. In recent years, much attention has been focused on a new approach, known as controlled drug delivery, which aims at enhancing the efficacy and reducing the toxicity and undesirable side effects of drugs by controlling their absorption, blood levels, metabolism, distribution and cellular uptake.

Significant progress has been made within the area of controlled drug delivery, including the targeting of drugs, and some important clinical applications of novel delivery systems have already emerged.

This symposium focuses on and covers discussion of recent investigation within this area of drug research, our present state of knowledge, and possible guidelines for future research.

Hans Bundgaard
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I. Controlled Drug Delivery

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