Written by key experts in the field of nanomedicine, this book provides a broad introduction to the important field of nanomedicine and application of nanotechnology for drug delivery.

The text covers up-to-date information regarding various nanoparticulate drug delivery systems, describes the various opportunities for the application of nanoparticular drug carriers in different areas of clinical medicine, and analyzes already available information on their clinical applications.

This book can be used as an advanced textbook by graduate students and young scientists and clinicians at the early stages of their career. It is also suitable for non-experts from related areas of chemistry, biochemistry, molecular biology, biomedical engineering, physiology, experimental and clinical medicine, and pharmaceutical sciences, who are interested in general problems of drug delivery and drug targeting, as well as in more specialized topics of using nanoparticle-mediated drug delivery approaches in the individual areas of clinical medicine.