



1st ed. 2021, XI, 344 p. 120 illus., 85 illus. in color.

Printed book

Hardcover

139,99 € | £119.99 | \$169.99

^[1]149,79 € (D) | 153,99 € (A) | CHF 165,50

Softcover

99,99 € | £89.99 | \$119.99

^[1]106,99 € (D) | 109,99 € (A) | CHF 118,00

eBook

117,69 € | £95.50 | \$129.00

^[2]117,69 € (D) | 117,69 € (A) | CHF 132,00

Available from your library or
[springer.com/shop](https://www.springer.com/shop)

MyCopy ^[3]

Printed eBook for just

€ | \$ 24.99

[springer.com/mycopy](https://www.springer.com/mycopy)

Thomas Mavromoustakos, Andreas G. Tzakos, Serdar Durdagi (Eds.)

Supramolecules in Drug Discovery and Drug Delivery

Methods and Protocols

Series: Methods in Molecular Biology

- Includes cutting-edge techniques
- Provides step-by-step detail essential for reproducible results
- Contains key implementation advice from the experts

This detailed book aims to provide readers with critical information to accomplish the synthesis of nanosystems for the purpose of supramolecular entities complexing with drugs, targeted drug delivery system characterization, as well as the study of the physical-chemical interactions that govern the stability and properties of these systems. Beginning with a collection of chapters on drug delivery platforms such as cyclodextrins, micelles, liposomes, polymeric, nanotubes, and more, the volume continues with coverage of the study of nanotechnology systems using different biophysical techniques such as DSC, ITC, solid and liquid NMR spectroscopy, and electrochemistry. Written for the highly successful Methods in Molecular Biology series, chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and tips on troubleshooting and avoiding known pitfalls. Authoritative and practical, *Supramolecules in Drug Discovery and Drug Delivery: Methods and Protocols* serves as an ideal guide for researchers working toward drug delivery mechanisms that can tailor their physical chemical properties and enhance their efficacy, while retaining their structures intact.

Order online at [springer.com](https://www.springer.com) / or for the Americas call (toll free) 1-800-SPRINGER / or email us at: customerservice@springernature.com. / For outside the Americas call +49 (0) 6221-345-4301 / or email us at: customerservice@springernature.com.

The first € price and the £ and \$ price are net prices, subject to local VAT. Prices indicated with [1] include VAT for books; the €(D) includes 7% for Germany, the €(A) includes 10% for Austria. Prices indicated with [2] include VAT for electronic products; 19% for Germany, 20% for Austria. All prices exclusive of carriage charges. Prices and other details are subject to change without notice. All errors and omissions excepted. [3] No discount for MyCopy.

