

CONTENTS

Preface		vii
Chapter 1	Chitosan from Fungi <i>Mirko Trutnau, Thomas Bley and Jelka Ondruschka</i>	1
Chapter 2	Chitosan: Modifications and Applications in Dosage Form Design <i>Ashok Kumar Tiwary, Bharti Sapra, Gurpreet Kaur and Vikas Rana</i>	71
Chapter 3	Chitosan: Manufacture, Properties and Uses <i>C. K. S. Pillai, Willi Paul and Chandra P. Sharma</i>	133
Chapter 4	Interpolyelectrolyte Complexes of Chitosan <i>N. A. Samoilova, M. A. Krayukhina and I. A. Yamskov</i>	217
Chapter 5	N-Carboxyethylchitosan-Based Polymer Materials <i>Dilyana Paneva, Rosica Mincheva, Elena Yancheva, Nevena Manolova, Olya Stoilova, Philippe Dubois and Iliya Rashkov</i>	261
Chapter 6	Chitosan Nanoparticles for Biomedical Applications <i>Paula Pereira, Vera Carvalho, Reinaldo Ramos and Miguel Gama</i>	321
Chapter 7	Chitosan-Based Nanocarriers: Effective Vehicles for Mucosal Protein Delivery <i>Luis Braz, Marita Dionísio and Ana Grenha</i>	365
Chapter 8	Chitosan: A Potential Bio-Polymer for Drug Delivery <i>Sanjay K Jain, Piush Khare, Arvind Gulbake and Satish Shilpi</i>	413
Chapter 9	Current Status of Chitosan on Dermal/Transdermal Drug Delivery Systems <i>Ipek Ozcan, Taner Senyigit, Evren Homan Gokce and Ozgen Ozer</i>	449
Index		485