

Contents

List of contributing authors — VII

Namita D. Desai, Niserga D. Sawant, Pratima A. Tatke

Chapter 1

Biopotential using herbals: novel approach for poorly bioavailable drugs — 1

Surendra Agrawal, Pravina Gurjar, Ayushi Agarwal

Chapter 2

Herbal bioenhancers in microparticulate drug delivery — 27

Amarjitsing Rajput, Satish Mandlik, Shipa Dawre, Deepa Mandlik,
Prashant Pingale, Shital Butani

Chapter 3

Herbal bioenhancers in nanoparticulate drug delivery system — 45

Shashikant B. Bagade, Shivane Vyas, Amit B. Page, Kiran D. Patil

Chapter 4

Role of herbal bioenhancers in tuberculosis and drug delivery thereof — 87

Madhur Kulkarni, Roopal Bhat, Suvarna Ingale, Abhijit Date

Chapter 5

Herbal bioenhancers in cancer drug delivery — 103

Rupali A. Patil, Krutika H. Pardeshi, Harshal P. Chavan, Sunil V. Amrutkar

Chapter 6

Pharmacotherapeutics and pharmacokinetics of herbal bioenhancers — 149

Vaibhav Bhamare, Rakesh Amrutkar, Vinod Patil, Chandrashekhar Upasani

Chapter 7

Growing impact of herbal bioenhancers in pharmaceutical industries — 191

Deepa Mandlik, Satish Mandlik, Amarjitsing Rajput

Chapter 8

Herbal bioenhancers and improvement of the bioavailability of drugs — 211

Dattatraya M. Shinkar, Sunil V. Amrutkar, Prashant L. Pingale

Chapter 9

Case study: Indian herbal bioenhancers — 239

Deepak Kulkarni, Sachin Surwase, Shubham Musale, Prabhanjan Giram

Chapter 10

Current trends on herbal bioenhancers — 275

Swarnali Das Paul, Harish Sharma, Gyanesh Sahu, Chanchal Deep Kaur,
Sanjoy Kumar Pal

Chapter 11

Future perspectives of herbal bioenhancer — 307

Rupali Patil, Pratiksha Aher, Punam Bagad, Shraddha Ekhande

Chapter 12

Herbal bioenhancers in veterinary phytomedicine — 325

Keyword index — 367