

Foreword by Dhruv Galgotia

Preface

1. Introduction to Cystic Fibrosis

Lucy Mohapatra, Deepak Mishra, Alok Shiomurti Tripathi, Alka Kumari, Sambit Kumar Parida, and Bhupendra G. Prajapati

2. Pathophysiological Aspects of Cystic Fibrosis

Sarika Kamble, Akshada Kale, Kishori Ahire, Kalpesh Patil, and Aman Upaganlawar

3. The Role of Microorganisms in Causing Cystic Fibrosis

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4. Novel Therapeutic Approaches for Cystic Fibrosis

Bhavarth P. Dave, Mehul R. Chorawala, Shivam U. Bhagat, Nidhi N. Shah, Bhupendra G. Prajapati, Priyajeet S. Parekh, and Rakesh B. Patel

5. Cystic Fibrosis: Disease and Advanced Drug Delivery Systems

Ravish J. Patel, Bhupendra G. Prajapati, Nidhi Trivedi, Vidhi Pandya, Amit A. Patel, Samir G. Patel, and Archita Patel

6. Lipid Nanoparticles in Treating Cystic Fibrosis

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7. Regulations for Monitoring and Management of Cystic Fibrosis

Shivani N. Jani, Hitesh B. Katariya, and Bhupendra G. Prajapati

8. Aerosol Antibiotics in Management of Cystic Fibrosis

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10. Medical Devices Used in Cystic Fibrosis

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12. Challenges for Development of Formulation in Cystic Fibrosis

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16. Nanomedicine for Cystic Fibrosis

Unnati Patel, Bhupendra G. Prajapati, and Riya Patel