



Contents

Preface	III
Authors	V
1. Alpha1-antitrypsin deficiency: pathophysiology and clinical aspects <i>Martina Meocci, Behar Cekorja, Elena Bargagli</i>	1
2. Diagnosis of AATD: when to suspect and how to test <i>Ilaria Ferrarotti, Valentina Barzon, Alice M. Balderacchi</i>	7
3. When “rare” does not mean “infrequent” <i>Stefania Ottaviani, Alessandra Corino</i>	14

4.	General management of lung disease: patient monitoring <i>Anna Annunziata, Sara Spinelli, Ediva Myriam Borriello, Giuseppe Fiorentino</i>	20
5.	Treatment perspective: when to start and personalize therapy <i>Luciano Corda</i>	26
6.	Pulmonary rehabilitation and lung transplantation <i>Bruno Balbi</i>	31
7.	Alpha1-antitrypsin deficiency and severe asthma <i>Gabriella Guarneri, Sara Lococo, Alessia Achille, Andrea Vianello</i>	38
8.	Alpha1-antitrypsin deficiency and bronchiectasis <i>Mattia Nigro, Ana Lleo, Stefano Aliberti</i>	43
9.	Alpha1-antitrypsin deficiency and COVID-19 <i>Angelo G. Corsico</i>	49
10.	Clinical manifestations in the liver <i>Federica Benini</i>	55
11.	Presentation of the alpha1-antitrypsin deficiency algorithm <i>Angelo G. Corsico, Ilaria Ferrarotti</i>	60
12.	Alpha1-antitrypsin deficiency and bronchiectasis: a clinical case. Is there a link? <i>Alessandro Sanduzzi Zamparelli, Stefano Sanduzzi Zamparelli</i>	65
13.	Clinical case presentation <i>Mario Torrazza, Stefano Del Giacco</i>	70
14.	The importance of a correct and comprehensive diagnosis in alpha1-antitrypsin deficiency <i>Davide Piloni, Silvia Mancinelli, Ilaria Ferrarotti, Angelo G. Corsico</i>	76
15.	The future of research: the EARCO Registry <i>Marc Miravitles</i>	81
16.	Patient empowerment: home therapy and self-administration <i>Nuccia Gatta</i>	88