

Contents

1 Idiopathic Pulmonary Fibrosis: A Historical Perspective.....	1
Keith C. Meyer	
2 Idiopathic Pulmonary Fibrosis: The Epidemiology and Natural History of Disease.....	9
Olga Tourin, Jeffrey J. Swigris, and Amy L. Olson	
3 Histopathology of IPF and Related Disorders.....	35
Jeffrey L. Myers	
4 Imaging of Idiopathic Pulmonary Fibrosis.....	55
Jonathan H. Chung and Jeffrey P. Kanne	
5 The Keys to Making a Confident Diagnosis of IPF.....	77
Anish Wadhwa and Kevin R. Flaherty	
6 Pulmonary Function Tests in Idiopathic Pulmonary Fibrosis.....	103
Athol U. Wells and Simon Ward	
7 The Role of Adaptive Immunity in Idiopathic Pulmonary Fibrosis: Hiding in Plain Sight	123
Steven R. Duncan	
8 Mechanisms of Fibrosis in IPF	161
Nathan Sandbo	
9 The Genetics of Pulmonary Fibrosis.....	207
Sonye K. Danoff and Cheilonda Johnson	
10 Idiopathic Pulmonary Fibrosis Phenotypes.....	221
Steven D. Nathan	

11 Idiopathic Interstitial Pneumonia and Connective Tissue Disease-Associated Interstitial Lung Disease: Similarities and Differences.....	239
Joshua J. Solomon and Aryeh Fischer	
12 Aging and IPF: What Is the Link?.....	259
Moisés Selman, Yair Romero, and Annie Pardo	
13 Gastroesophageal Reflux and IPF.....	281
Stephenie M. Takahashi, Karen C. Patterson, and Imre Noth	
14 Pharmacological Treatment of Idiopathic Pulmonary Fibrosis.....	297
Paolo Spagnolo, Fabrizio Luppi, Gloria Montanari, and Luca Richeldi	
15 Recognizing and Treating Comorbidities of IPF.....	313
Teng Moua and Jay H. Ryu	
16 The Role of Pulmonary Rehabilitation and Supplemental Oxygen Therapy in the Treatment of Patients with Idiopathic Pulmonary Fibrosis.....	337
Anne E. Holland and Jeffrey J. Swigris	
17 Acute Exacerbation of Idiopathic Pulmonary Fibrosis.....	349
Joyce S. Lee and Harold R. Collard	
18 Lung Transplantation for Idiopathic Pulmonary Fibrosis.....	363
Daniela J. Lamas and David J. Lederer	
19 Evolving Genomics of Pulmonary Fibrosis.....	379
Jose D. Herazo-Maya and Naftali Kaminski	
20 Idiopathic Pulmonary Fibrosis Clinical Trials: Evolving Concepts.....	403
Fernando J. Martinez	
21 Future Directions in Basic and Clinical Science.....	427
Carmen Mikacenic and Ganesh Raghu	
Index.....	441