Contents

SECTION 1: CONTROVERSIES

CHAPTER 1:	Introduction Jose Iglesias	3
CHAPTER 2:	The Totality of Evidence Zahra Sethna, Paul E Marik	18
CHAPTER 3:	COVID-19 Censorship in the European Union: The Example of Austria Johannes Scherling, Anouschka Foltz	25
CHAPTER 4:	COVID-19, Hydroxychloroquine, Politics, and Scientific Author Political Party Donation History—What could Possibly Go Wrong? Andrew C Berry	46
CHAPTER 5:	"You are not a Horse": Medicalization, Social Control, and Academic Discourse in the COVID-19 Era Claudia Chaufan	60
CHAPTER 6:	Origin of COVID Pandemic: A Natural Calamity or Manmade Adventure Abha Mahashur, Prahlad Prabhudesai	107
CHAPTER 7:	Origins of COVID through the Indian Context Bineet Ahluwalia, Jalil Parkar	117
CHAPTER 8:	Gain-of-function and Origin of COVID-19 Patrick Berche	123
CHAPTER 9:	The Enigma of the 1889 Russian Flu Pandemic: A Coronavirus? Patrick Berche	143

SECTION 2: NONPHARMACOLOGIC INTERVENTIONS

CHAPTER 10:	The Use of Masks in the Prevention of SARS-CoV-2 Transmission Christine Filippone	161
CHAPTER 11:	Managing COVID-19 in Hong Kong: Lessons from SARS 2003 and Effective Strategies for Control Ivan Fan-Ngai Hung	170
CHAPTER 12:	COVID-19 and Dentistry Elaine Cardoso, Noah Fine, Michael Glogauer, Francis Johnson, Michael Goldberg, Lorne M Golub, Howard C Tenenbaum	175
CHAPTER 13:	The Evolving Role of Simulation in Surgical Training Tanvir Hussain, Aishan Patil	203
CHAPTER 14:	The Impact of the COVID-19 Pandemic on Nursing Bridgene Bonner	212
CHAPTER 15:	Immunology in COVID-19 Rajeev Jayadevan	220
CHAPTER 16:	The Experience in the Making of COVID-19 Vaccines Carlos Valladeres, Jose Iglesias	233
CHAPTER 17:	Controversies Concerning the Immunology of the COVID-19 Adaptive Immunity Vaccines Marian P Laderoute	249
CHAPTER 18:	The COVID-19 Vaccine Suneela Garg, Shekhar Grover, Tanu Anand, Arvind Garg	311
	SECTION 3: SPECIAL ISSUE OF INTEREST	
CHAPTER 19:	The Art of Living Kavitha Natarajan	325
CHAPTER 20:	Computed Tomography Thorax in COVID Management: A Rightfully Used or Misused Tool? Prahlad Prabhudesai, Nafeesath, Swapnil Chopade, Abha Mahashur	363
CHAPTER 21:	Surgical Education and Training during the COVID-19 Pandemic Aishan Patil, Konstantinos Giannopolos, Tanvir Hussain	377

SECTION 4: THERAPIES

CHAPTER 22:	The Need to Revisit Hydroxychloroquine in Early Treatment Strategies of COVID-19 Adriana Luzariaga, Jose Iglesias	393
CHAPTER 23:	Ivermectin Colleen Aldous, Eletherios Gkioulekas, Philip Oldfield	434
CHAPTER 24:	Sialylated Glycan Bindings from SARS-CoV-2 Spike Protein to Blood and Endothelial Cells Govern the Severe Morbidities of COVID-19* David E Scheim, Paola Vottero, Alessandro D Santin, Allen G Hirsh	472
CHAPTER 25:	Antivirals Priyaranjan Kata, Jose Iglesias	518
CHAPTER 26:	Glucocorticoids in Viral Pneumonia and COVID-19 Francesco Salton, Marco Confalonieri, Gianfranco Umberto Meduri	544
CHAPTER 27:	Therapeutic Effects of Fluvoxamine in the Management of COVID-19 Jagan Mohan Rao Vanjarapu, Jose Iglesias	568
CHAPTER 28:	Randomized Placebo Controlled Trials in the COVID Era: A Question of Faith? Marc Rendell	576
	SECTION 5: COMPLICATIONS	
CHAPTER 29:	An Update on the Relationship between SARS-CoV-2 (COVID-19) and its Neurological Manifestations Ruchi S Raval, Nihal Sriramaneni, Sumul N Raval	635
CHAPTER 30:	Myocarditis: COVID-19 and COVID-19 Vaccines Rajesh Mohan	659
CHAPTER 31:	Injuries from the SARS CoV-2 Vaccines Dan McDyer	678
CHAPTER 32:	Tracheostomy during COVID-19 Pandemic; To Do or Not To Do Christopher de Souza, Rosemarie de Souza	700

CHAPTER 33:	Telemedicine for Medical Students—Lessons Learnt from the Pandemic Anish Patil	705
CHAPTER 34:	Censorship of the Biomedical Literature during the COVID-19 Era Ronald Neil Kostoff	714
Index		741