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Nota di contenuto	Global Challenges after a Global Challenge: Lessons Learned from the COVID-19 Pandemic -- Coronavirus Anatomy and its Analytical Approaches for Targeting COVID-19 -- Ethanol Inhalation as a Method to Denature the Spike Protein of SARS-CoV-2 -- Frailty in Critically Ill Patients with COVID-19: The Lessons Learned -- Respiratory Support in COVID-19-Related Respiratory Failure: Lessons Learnt -- Pathophysiology of COVID19related Extrapyraxidal Disorders -- Acute Encephalopathies in SARS-CoV2 Infection: A Clinical and Neuroimaging Perspective -- Addressing Long COVID Sequelae and Neurocovid: Neuropsychological Scenarios and Neuroimaging Findings -- COVID-19 Vaccination and Therapeutics -- Controversies in COVID-19: Diagnostic Evaluation and Management in Neuro-COVID --

Computational Drug Design Strategies for Fighting the COVID-19 Pandemic -- The Potential of Natural Products in the Management of COVID-19 -- Role of Imaging in Diagnosis and Management of COVID-19: Evidence-based Approaches -- Does the COVID-19 Vaccination Reduce the Risk to Transmit SARS-CoV-2 to Others? -- Sudden Hearing Loss Waves: The Effect of COVID-19 Infection and Vaccination on the Inner Ear -- The Views of the Citizens Regarding COVID-19 Vaccination -- The Worrying Phenomenon of COVID-19 Vaccine Hesitancy and Its Negative Impact on Pandemic Control Efforts: Common Themes that Emerged in the Middle East and North Africa (MENA) Region -- Interest Groups and COVID-19 in Africa -- Lessons Learned about Trauma Related to Racial Discrimination During COVID-19 in the United States -- Media and Interpersonal Channels Uses and Preferences among International Students in the US during the COVID-19 Pandemic -- Estimating the Real Impact of the COVID-19 Pandemic in Kazakhstan: Factors Associated with Detection of the "True Infections" -- The Impact of COVID-19 on Children and Adolescents with Chronic Illness -- Management of COVID-19 in Ophthalmology -- Obesity, Physical Activity, and COVID-19 -- Global Breakdowns and Transformations in the World of Sports After COVID-19.

Sommario/riassunto

This book discusses different challenges imposed to the globe following the COVID-19 pandemic. Coronavirus disease 2019 (COVID-19) has affected humans' individual lives, communities, and the world. It has not only affected human's lives but also environmental and natural systems. To better appreciate the pandemic's influence, multidisciplinary and interdisciplinary approaches are needed. Also, lessons learned from facing the pandemic are reviewed to be used for combating the upcoming challenges in healthcare settings, mental and psychological health, education, natural resources, energy system, environment balance, economic stability, social relations, etc. .
