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Titolo	Coronavirus Disease 2019 (COVID-19) : Epidemiology, Pathogenesis, Diagnosis, and Therapeutics // edited by Shailendra K. Saxena
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Descrizione fisica	1 online resource (224 pages)
Collana	Medical Virology: From Pathogenesis to Disease Control, , 2662-9828
Disciplina	614.592414
Soggetti	Virology Parasitology Immunology Genetics Genetics and Genomics COVID-19 Terapèutica Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Module 1_Global trends in epidemiology of Coronavirus Disease 2019 (COVID-19) -- Module 2_ Genome organization and Pathogenesis of novel Coronavirus 2019 (SARS-CoV-2) -- Module 3_Host immune response against human SARS-CoV-2 infection -- Module 4_ Emergence and Re-emergence of SARS Coronaviruses -- Module 5_ Transmission cycle of SARS-CoV and SARS-CoV-2 -- Module 6_Preparing for the perpetual challenges of pandemics of Coronavirus infections with special focus on SARS-CoV-2. --Module 7_Clinical manifestations and diagnosis of human SARS-CoV-2 infection -- Module 8_ Treatment and Drugs for SARS-CoV-2 -- Module 9_Prevention and control strategies for SARS-CoV-2 infection.
Sommario/riassunto	This book provides a comprehensive overview of recent novel coronavirus (SARS-CoV-2) infection, their biology and associated challenges for their treatment and prevention of novel Coronavirus Disease 2019 (COVID-19). Discussing various aspects of COVID-19 infection, including global epidemiology, genome organization,

immunopathogenesis, transmission cycle, diagnosis, treatment, prevention, and control strategies, it highlights host-pathogen interactions, host immune response, and pathogen immune invasion strategies toward developing an immune intervention or preventive vaccine for COVID-19. An understanding of the topics covered in the book is imperative in the context of designing strategies to protect the human race from further losses and harm due to SARS-CoV-2 infection causing COVID-19.

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