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Titolo	Defense Against Biological Attacks : Volume II // edited by Sunit K. Singh, Jens H. Kuhn
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Descrizione fisica	1 online resource (389 pages) : illustrations
Disciplina	358.3882
Soggetti	Medical microbiology Health promotion Infectious diseases Medical Microbiology Health Promotion and Disease Prevention Infectious Diseases
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Diagnostics, Therapeutics and Other Potential Strategies of Biodefense -- Advanced Molecular Biology Tools & Diagnostics -- High Containment Infectious Disease Laboratories as an Integral Part of Emergency Preparedness -- Decontamination Capabilities and Facilities -- Virogenomics as a Tool for Molecular Epidemiology and Forensics -- Next Generation Sequencing Tools for Pathogen Detection -- Metagenomics -- Point-of-care Diagnostic Facilities for Outbreak Intervention -- Psychological Impact of Biological Attacks -- Public-health Preparedness -- Viral Therapeutics -- Bacterial Therapeutics -- Emergency Training for Veterinary Professionals -- Global Biodefense Coordination.
Sommario/riassunto	This second volume of a two-volume set focuses on specific pathogens and their mechanisms of pathogenesis as well as diagnostics, therapeutics and various strategies in the event of biological attacks. This multidisciplinary book appeals to readers from various fields, including biodefense, biosafety & biosecurity, virology, neurology,

molecular biology and genetic engineering, as well as infectious disease specialists. Further, the work is of interest to basic science and applied science research scholars and experts working in the area of high-consequence or select agent virology.
