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| Titolo | Defense Against Biological Attacks : Volume I // edited by Sunit K. Singh, Jens H. Kuhn |
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| ISBN | 3-030-03053-9 |
| Edizione | [1st ed. 2019.] |
| Descrizione fisica | 1 online resource (332 pages) |
| Disciplina | 616.01 |
| Soggetti | Medical microbiology Virology Neurosciences Biological Warfare - prevention & control Biological Warfare Agents Medical Microbiology |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di contenuto | General Section -- Historical Aspects of Biological Weapons Development and Use -- Biodefense Strategies -- Need for Biosurveillance -- Role of Information Technology in Biodefense -- Role of Social Media in Biodefense -- Health-care System Preparedness -- Emergency Preparedness -- Pathogens and Toxins Potentially Used for Biological Attacks -- Bacillus anthracis -- Botulinum toxin -- Yersinia pestis -- Variola virus -- Francisella tularensis -- Viral Hemorrhagic Fevers -- Brucellae -- Burkholderia mallei -- Burkholderia pseudomallei -- Coxiella burnetii -- Rickettsia prowazekii -- Food Safety-related Biothreats -- Water Safety-related Biothreats -- Neurotropic Viruses -- Microbiological Toxins. |
| Sommario/riassunto | This first volume of a two-volume set describes general aspects, such as the historical view on the topic, the role of information distribution and preparedness of health-care systems and preparedness in emergency cases. Part two describes and discusses in detail the pathogens and toxins that are potentially used for biological attacks. As such, the book is a valuable resource for faculties engaged in |

molecular biology, genetic engineering, neurology, biodefense, biosafety & biosecurity, virology, and infectious disease programs, as well as professional medical research organizations.
