Record Nr.	UNINA9910143704703321
Titolo	Chemical warfare agents [[electronic resource] ] : toxicology and treatment / / editors,Timothy C. Marrs, Robert L. Maynard, Frederick R. Sidell
Pubbl/distr/stampa	Chichester, England ; ; Hoboken, NJ, : Wiley, c2007
ISBN	1-280-83908-2 9786610839087 0-470-06003-4 0-470-06002-6
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (752 p.)
Altri autori (Persone)	MarrsTimothy C MaynardRobert L SidellFrederick R
Disciplina	358.3 615.9
Soggetti	Chemical agents (Munitions) - Toxicology Antidotes
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Rev. ed. of: Chemical warfare agents / Timothy C. Marrs, Robert L. Maynard, Frederick R. Sidell. c1996.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chemical Warfare Agents Toxicology and Treatment; Contents; List of Contributors; Preface; 1 Opinions of Chemical Warfare; 2 The Physicochemical Properties and General Toxicology of Chemical Warfare Agents; 3 Dispersion and Modelling of the Spread of Chemical Warfare Agents; 4 The Fate of Chemical Warfare Agents in the Environment; 5 Biological Markers of Exposure to Chemical Warfare Agents; 6 Respiratory Protection; 7 Responding to Chemical Terrorism: Operational Planning and Decontamination; 8 Toxicology of Organophosphate Nerve Agents 9 A History of Human Studies with Nerve Agents by the UK and USA10 Nerve Agents: Low-Dose Effects; 11 Managing Civilian Casualties Affected by Nerve Agents; 12 The Management of Casualties Following Toxic Agent Release: The Approach Adopted in France; 13 The Dark Morning: The Experiences and Lessons Learned from the Tokyo Subway

1.

	Sarin Attack; 14 Atropine and Other Anticholinergic Drugs; 15 Oximes; 16 The Use of Benzodiazepines in Organophosphorus Nerve Agent Intoxication; 17 Pretreatment for Nerve Agent Poisoning; 18 Gulf War Syndrome; 19 Mustard Gas; 20 Dermal Aspects of Chemical Warfare 21 Sulphur Mustard Injuries of the Skin: Pathophysiology and Clinical Management of Chemical Burns22 The Normal Bone Marrow and Management of Toxin-Induced Stem Cell Failure; 23 Organic Arsenicals; 24 Phosgene; 25 Cyanides: Chemical Warfare Agents and Potential Terrorist Threats; 26 Riot Control Agents in Military Operations, Civil Disturbance Control and Potential Terrorist Activities, with Particular Reference to Peripheral Chemosensory Irritants; 27 Ricin and Abrin Poisoning; 28 The Total Prohibition of Chemical Weapons 29 An A-Z of Compounds of Interest in Relation to Chemical Warfare and Other Malevolent Uses of PoisonsIndex
Sommario/riassunto	Chemical Warfare Agents, Second Edition has been totally revised since the successful first edition and expanded to about three times the length, with many new chapters and much more in-depth consideration of all the topics. The chapters have been written by distinguished international experts in various aspects of chemical warfare agents and edited by an experienced team to produce a clear review of the field. The book now contains a wealth of material on the mechanisms of action of the major chemical warfare agents, including the nerve agent cyclosarin, formally considered to