

1. Record Nr.	UNINA9910961857803321
Titolo	Chemical warfare and chemical terrorism : psychological and performance outcomes // guest editors, James A. Romano, Jr. and James M. King
Pubbl/distr/stampa	Mahwah, N.J. : , : Lawrence Erlbaum, , 2002
ISBN	1-135-58864-3 1-138-47562-9 1-135-58865-1 1-4106-0859-X
Descrizione fisica	1 online resource (99 p.)
Collana	Military Psychology, , 0899-5605 ; ; Volume 14, Number 2, 2002
Altri autori (Persone)	KingJames M RomanoJames A., Jr.
Disciplina	358.34
Soggetti	Chemical warfare Chemical terrorism
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Special issue.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Cover; Table of Contents; Preface to the Special Issue; Chemical Warfare and Chemical Terrorism: Psychological and Performance Outcomes; Acknowledgments; References; Performance Impacts of Nerve Agents and Their PharmacologicalCountermeasures; Nerve Agents: An Overview; Treatment of Nerve Agent Exposure; Nerve Agent Effects; Eye; Nose; Gastrointestinal System; Pulmonary System; Skeletal Muscle; Central Nervous System and Behavior; Electroencephalogram; Long-Term Neurobehavioral Effects of Nerve Agent Exposure; Effects of Medical Countermeasures; Atropine; 2-PAM Cl; Diazepam Pyridostigmine BromideConclusions; Acknowledgments; References; Nerve Agent Bioscavengers: Protection With Reduced Behavioral Effects; Current Therapy for Nerve Agent Exposure; Nerve Agent Bioscavengers: An Alternative to Conventional Approaches; Stoichiometric Scavengers and the Protection they Offer; Antibodies; Enzymes; Catalytic Bioscavengers; Behavioral Effects; Behavioral Effects of Scavengers Alone; Behavioral Effects of Scavenger and Nerve Agent Exposure; Comparison of the Behavioral Effects of Scavengers Versus

Conventional Therapy After Nerve Agent Exposure; Discussion  
AcknowledgmentsReferences; Vesicant Agents and Antivesicant Medical  
Countermeasures:Clinical Toxicology and Psychological Implications;  
Toxicity of Mustard; Clinical Manifestations; Cutaneous Injury; Ocular  
Injury; Respiratory Tract Injury; Systemic Toxicity and Chronic Effects;  
Psychological Aspects of Mustard Exposure; Development of Medical  
Countermeasures; Means to Reduce Psychological Stress;  
Acknowledgments; References; Neurotoxicological and Behavioral  
Effects of Cyanide and ItsPotential Therapies; Sources of Cyanide in our  
Environment; The Basis of Cyanide Intoxication  
Clinical Symptoms of Cyanide IntoxicationPrognosis; Interactions of  
Cyanide With Carbon Monoxide and Other Ligands; Cyanide and  
Behavior; Dietary Cyanide Exposure; Experimental Models; Learning;  
Sensory Responses; Neurologic Effects; Psychological Reactivity;  
Anticyanide Methemoglobin Formers and Behavior; Experimental  
Models; Conclusions; Acknowledgments; References

---

### Sommario/riassunto

This special issue of Military Psychology reports behavioral, pharmacological, and toxicological science research on military performance as it is affected by chemical warfare agents (CWAs) and their pharmacological countermeasures. The papers in this issue are a diverse assembly; some very pharmacological in orientation, others driven by behavioral neuroscience. The unifying theme is the psychological consequences or organic syndromes that may be confused with consequences resulting from exposure to CWAs or use of their medical countermeasures.

---