



Technical Agenda

Sector 1: Biological & Radiological Aspects

Sessions: 1, 2, 4, 8,

Sector 2: Chemical & Medical Aspects

Sessions: 3, 5, 9, 10

**Sector 3: Incidence and Consequence Management
& Demonstrations**

Sessions: 6, 7, 11

Sector 4: Special Sector

Sessions: 12, 13, 14, 15

List of Chair- and Co-Chair-Persons of Sectors and Sessions

Sectors	Chair	Co-Chair
1 Biological & Radiological Aspects	David Robinson	Douglas Eaton
2 Chemical & Medical Aspects	Elsa Reiner	Shariar Khateri
3 Incidence and Consequence Management & Demonstrations	Steven Bice	Jiri Bajgar
4 Special Sector	David Moore	Anderzej Toma

Sessions	Chair	Co-Chair
1 Biological Aspects I	Robert DeBell	Elena Ryabchikova
2 Radiological Aspects	Rassie Erasmus	Alexander Pivovarov
3 Medical Aspects I	Slavo Bokan	Richard Nolan
4 Biological Aspects II	Mildred Donlon	Sergey Netesov
5 Medical Aspects II	Jack Woodall	Encho Savov
6 Incidence and Consequence Management I	Cornelius Wolterbeek	Zvonko Orehovic
7 Incidence and Consequence Management II	Scott Deitchmann	Djordje Jovanovic
8 Biological Aspects III	Nestor Lagos	Jack Melling
9 Medical Aspects III	Barbara Price	Murray Hamilton
10 Chemical Aspects	Urs Brodbeck	Margaret Filbert
11 Demonstrations	Jeffery Allen	Peter Hunziker
12 Special Session I	Keith Vesely	Marek Kowalczyk
13 Special Session II	Chris Corbin	Michael Garstang
14 Special Session III	Jiri Kassa	David Trudil
15 Special Session IV	Joe Hughart	Rashid Khaydarov
16 Closing Session	Joe Hughart	Walter Aue

Note: All Papers and Posters listed in this Technical Agenda show only to which sector and session they are assigned. The order of presentation within a session will be determined by the Session Chair. Numbers in parenthesis (00) are abstract numbers.

Posters should be mounted on Sunday afternoon and will be displayed until the end of CBMTS V.

Sunday 25 April 2004

	Participants arrive at the hotels in Interlaken
1300	Buses pick up participants at hotels in Interlaken for special training session
1330 – 1700	Special training session
1630	Buses pick up participants at hotels in Interlaken for registration
1700 – 1830	Registration
1800 – 1830	Meeting of session chairs and co-chairs
1830 – 2000	Welcome party
2015	Buses return participants to hotel

Monday 26 April 2004

08.15	Buses leave from Hotels in Interlaken
09.00 – 10.30	Opening Session
09.00 – 10.00	Opening of Meeting: Col. Price , Richard, Co-Director CBMTS V Dr. Brunner , Bernhard, Director CBMTS V, President Federal Commission for NBC-Protection Gut , Juan F., Secretary General of the Federal Department (Ministry) of Defense Maj. Gen. Poythress , David, Adjutant General Dr. Davey , Brian, M.D., Head Health Safety OPCW
10.00 – 10.30	Opening Lecture: Moore , David, D.V.M., Ph.D.: Zoonotic Diseases, Bioterrorism and Agroterrorism: Prevention by Preparedness (52)
10.30 – 11.00	Coffee break
Session 1:	Biological Aspects I Chair: Robert DeBell Co-Chair: Elena Ryabchikova
11.00 – 12.00	Oral contributions by Williams , Tony: DTRA's Threat Agent Detection and Response Program in the NIS (81) Donlon , Mildred: Revolutionary Technologies for Bio Detection (17) Santana , Gui: South America as a Source of Biological Weapon Agents (67)
12.00 – 12.15	Discussion
12.15 – 12.30	Presentation of posters on biological aspects (Posters of Espona (19), Goloshchapova (24), Khaydarov Renat (40), Pivovarov (61), Savov (68))
12.30 – 13.30	Lunch
Session 2:	Radiological Aspects Chair: Rassie Erasmus Co-Chair: Alexander Pivovarov
13.30– 14.30	Oral contributions by Egger , Emmanuel: Possible Consequences of a Radiological Terrorist Attack (18) Steward , Mark: Investigation of Field Detection Challenges Associated with Smuggled Fissile Materials (74) Corbin , Chris: Some Recent Advances in the Containment, Mitigation and Decontamination of Improvised Explosive Radiological Dispersal Devices (DIRTY BOMBS) (11)

- 14.30 – 14.45** Discussion
14.45 – 15.00 Presentation of posters on radiological aspects (Posters of Khaydarov Rashid (38,39))
Presentation of posters on medical aspects (Posters of Bajgar (4), Bhattacharya (7), Dishovsky (16))
- 15.00 – 15.30** **Coffee break and poster viewing**
- Session 3: Medical Aspects I** **Chair: Slavko Bokan** **Co-Chair: Richard Nolan**
- 15.30 – 16.40** Oral contributions by
Bajgar, Jiri: Prophylactic Antidotes against Nerve Agents in the Czech Army (PANPAL and TRANSANT) (3)
Vucinic, Slavica: Evaluation of Pralidoxime Methylsulfate Effect in Organophosphate Insecticide Poisoning: Clinical Controversies (80)
Krejcova, Gabriela: Comparison of Anticholinergic Drugs as to Functional Antidotes for the Treatment of Tabun-induced Intoxication (41)
Hall, Alan: Hydroxycobalamin as a Cyanide Antidote: Update 2004 (25)
- 16.40 – 17.00** Discussion
17.00 – 17.20 Presentation of posters on medical aspects (Posters of Fusek (22), Jacevic (28), Jovanovic (29), Jovasevic-Stojanovic (30), Kalantari (33), Kassa (35))
- 17.30** **Buses leave to Interlaken**
19.00 **Dinner at Hotel Royal St. Georges**

Tuesday 27 April 2004

- 08.15** **Buses leave from Hotels in Interlaken**
- Session 4: Biological Aspects II** **Chair: Mildred Donlon** **Co-Chair: Sergey Netesov**
- 09.00 – 10.10** Oral contributions by
St. John, Ron: Exercise GLOBAL MERCURY (73)
Zaitsev, Boris: Atomic Force Microscopic Identification of Viral and Bacterial Agents (84)
Ryabchikova, Elena: Using Electron Microscopic Diagnostics to Provide a Critical Differentiation of Viruses in Possible Crisis Conditions (66)
Scullion, Matt: A New Hand-Portable Device for Real Time DNA Identification of Biological Agents (70)
- 10.10 – 10.30** Discussion
- 10.30 – 11.00** **Coffee break and poster viewing**
- Session 5: Medical Aspects II** **Chair: Jack Woodall** **Co-Chair: Encho Savov**
- 11.00 – 12.00** Oral contributions by
Hosseini, Khalili: A 20 Years Comprehensive Review of Medical Studies on Long-Term Respiratory Effects of Mustard Gas (26)
Falahati, Farahnaz: A 20 Years Cancer-Related Mortality Follow-up Study of Mustard Gas Exposed Iranian Veterans (20)
Rajaei, Morteza: A Study of the Effects of Acute Exposure to Mustard Gas in the Next Generation: Abnormalities and Somatic Disorders (62)
- 12.00 – 12.15** Discussion

- 12.15 – 12.30** Presentation of posters on medical aspects (Posters of Krejcova (42), Kuca (43), Kuo(44), Lin (48))
- 12.30 – 13.30** **Lunch**
- Session 6: Incidence and Consequence Management I**
Chair: Cornelius Wolterbeek
Co-Chair: Zvonko Orehovic
- 13.30 – 14.40** Oral contributions by
Bice, Steve: Introduction
Pesik, Nicki: The Strategic National Stockpile: Present and Future Initiatives (59)
Navin, Philip: The Centers for Disease Control and Prevention (CDC) Emergency Response Concept and the Development of the Medical Information Concept (54)
Deitchmann, Scott: Managing Infectious risks to First Responders (13)
- 14.40 – 14.55** Discussion
- 14.55 – 15.00** Presentation of poster on Incidence and Consequence Management (Posters of Huber (27) and Katsitadze (36))
- 15.00 – 15.30** **Coffee break and poster viewing**
- Session 7: Incidence and Consequence Management II**
Chair: Scott Deitchmann
Co-Chair: Djordje Jovanovic
- 15.30 – 16.30** Oral contributions by
Maloney, Joe: A Training Certification Program for Chemical, Biological, Radiological, Nuclear and Explosive (CBRNE) Agents (49)
Karayilangolu, Turan: Hospital Organization against Possible NBC Attack (34)
Stojanovic, Bozidar: Indicators for Performance Evaluation of Safety Management Systems against Chemical Threat (75)
Chen, Ji-Sheng: An Assessment on Chemical Terrorism (10)
- 16.30 – 16.45** Discussion
- 16.50** **Buses leave to Interlaken**
- 18.30** **Buses leave from Hotels for Symposium Dinner**
- 19.00** **Symposium Dinner**

Wednesday 28 April 2004

- 08.15** **Buses leave from Hotels in Interlaken**
- Session 8: Biological Aspects III** **Chair: Nestor Lagos** **Co-Chair: Jack Melling**
- 09.00 – 10.00** Oral contributions by
DeBell, Robert: Progress in Research with the *plcR* Gene in *Bacillus anthracis* (12)
DelVecchio, Vito: Proteomics of the Secretome and Exosporium of *Bacillus anthracis* and its use in Diagnostics, Detection, Drug Design, and Vaccine Development (14)
Schürch, Nadia: The Use of a Biosafety Cabinet Class III Concept for the Identification of Pathogenic Bacteria (69)
- 10.00 – 10.15** Discussion
- 10.15 – 10.30** Presentation of posters on chemical aspects (Posters of Antkowiak (1), Baumbach (5, 6), Ruzsanyi (65))
- 10.30 – 11.00** **Coffee break and poster viewing**

Session 9:	Medical Aspects III	Chair: Barbara Price	Co-Chair: Murray Hamilton
11.00 – 12.00	Oral contributions by Paul , Florin: Germs Circulation Surveillance: An Epidemiological Tool in the Terrorist and Biological Warfare Threat (57) Mkheidze , Medeia: Predictive Genetic Counseling as a Correct Way For Protection From CBR Agents (51) Chen , Hsing-Ming: Neutralization Antibody Induced from Inactivated SARS Coronavirus Immunized Rabbits (9) Ristanovic , Elizabeta: Brucellosis- Serious Disease and Potential BW: Diagnostic Challenges and Our Experiences (64)		
12.00 – 12.15	Discussion		
12.15 – 12.30	Presentation of posters on medical aspects (Posters of Milovanovic (50), Moreno (53), Sevelova (71), Tavakoli (76))		
12.30 – 13.30	Lunch		
Session 10:	Chemical Aspects	Chair: Urs Brodbeck	Co-Chair: Margaret Filbert
13.30 – 14.10	Oral contributions by Reiner , Elsa: Review of Some Oximes as Antidotes against Organophosphate Poisoning (63) Aue , Walter: Live Agent Decontamination Field Trials With HD, THD, VX, GD, And TGD: Comparison of Three Chemicals on Seven Materials (2)		
14.10 – 14.20	Discussion		
14.20 – 14.30	Presentation of posters on chemical aspects (Posters of Feld (21), Lim (47), Simeon-Rudolf (72))		
14.30 – 15.30	Session 11: Demonstrations: Joint and Combined Chem-Bio-Rad Response Exercise Chair: Jeffery Allen Co-Chair: Peter Hunziker		
15.30 – 15.45	Photo session		
15.45 – 16.15	Coffee break and poster viewing		
16.15 – 17.15	Visit to Spiez Laboratory or poster viewing		
17.30	Buses leave to Interlaken		
19.00	Dinner at Hotel Royal St. Georges		

Thursday 29 April 2004

08.15	Buses leave from Hotels in Interlaken		
Session 12:	Special Session I	Chair: Keith Vesely	Co-Chair: Marek Kowalczyk
09.00 – 10.00	Oral contributions by Toma , Andrzej: Overview of CB-Agents that Might Potentially be Used by Non-State Actors (77) Wolterbeek , Cornelis: NATO's Updated Chemical, Biological, Radiological and Nuclear (CBRN) Agent Threat Evaluation. Is NATO's CBRN Defence's Answer Ready to Counter the Threat of "Mid-Spectrum" Agents (82)		

	Netesov, Sergey V.: The Contribution of International Collaboration to Strengthening Biosafety, Physical Security and BSL-4 Hospital Capability at Russian State Research Center of Virology and Biotechnology “Vector” (55)		
10.00 – 10.15	Discussion		
10.15 – 10.20	Presentations of posters (Poster of Kutateladze (45))		
10.30 – 11.00	Coffee break and poster viewing		
Session 13:	Special Session II	Chair: Chris Corbin	Co-Chair: Michael Garstang
11.00 – 12.10	Oral contributions by		
	Orehovec, Zvonko: NBC Non-Proliferation: from the Political Make-Believe to Scientific Reality (56)		
	Demidyuk, Valery V.: Cooperation of the Experts and Public Organizations in the Solution of Ecological Problems of Chemical Weapons Destruction (15)		
	Vesely, Keith: DTRA and Management of the Chemical and Biological Science and Technology Program (79)		
	Garstang, Michael: Smallpox: Threat, Policy, Science (23)		
12.10 – 12.30	Discussion		
12.30 – 13.30	Lunch		
13.45	Buses leave for Excursion and Farewell Party		

Friday 30 April 2004

08.15	Buses leave from Hotels in Interlaken		
Session 14:	Special Session III	Chair: Jiri Kassa	Co-Chair: David Trudil
09.00 – 10.15	Oral contributions by		
	Woodall, Jack: Early Warning by Internet of Outbreaks of Potential Bioterror Agents (83)		
	Bokan, Slavko: Pests and Vectors Used in Biological Warfare and Terrorism (8)		
	Lagos, Néstor: Paralytic Shellfish Poison: Toxin that Can Kill and Heal (46)		
10.15 – 10.30	Discussion		
10.30 – 11.00	Coffee break and poster viewing		
Session 15:	Special Session IV	Chair: Joe Hughart	Co-Chair: Rashid Khaydarov
11.00 – 12.15	Oral contributions by		
	Trudil, David: Dual Use Technology for Application with Bio Threats (78)		
	Khateri, Shariar: Long-Term Psychosocial Effect of Chemical Attack on Civilian Populations (37)		
	Paz, Hector: Activities and Experience in the Field of NBC in Chili (58)		
12.15 – 12.30	Discussion		
12.30 – 13.30	Lunch		
Session 15:	Closing Session	Chair: Joe Hughart	Co-Chair: Walter Aue
13.30 – 14.15	Summary of Contributions by Sector Chairpersons		
14.15 – 14.30	Future and Closing		
14.45	Buses leave to Interlaken		
19.00	Dinner at Hotel Royal St. Georges		