

Program First Day – 26.04.2010

	Topic	Speakers
09:00	Registration	
10:00	Introduction	Organizer
10:05	Welcome	Marc Cadisch, Director SPIEZ LABORATORY, Spiez, CH Christian Griot, Director Institute of Virology and Immunoprophylaxis IVI, Mittelhäusern, CH
10:25	Organizational issues	Organizer
10:30 – 12:45	Session 1: Biosafety in the Field Chair: Stéphane Karlen, EPFL, Lausanne, CH	
10:30	Keynote Lecture: Genomics and the origin of leprosy	Stewart Cole, EPFL, Lausanne
11:00	Break	
11:15	FMD: Pirbright Case Study	Uwe Müller-Doblies, BBSRC, UK
	Management and transport of intoxicated (chemicals and /or biological) patients: are we prepared?	Erik Paus, Groupe sanitaire/SMUR, Lausanne, CH
	Virus inactivation in sunlit surface water	Tamar Kohn, EPFL, Lausanne, CH
	Biosafety and security measures in field experiment with transgenic wheat in Switzerland	Michael Winzeler, Agroscope Reckenholz-Tänikon, Zurich, CH
	Viral Haemorrhagic Fever diagnostics	Stephan Günther, BNI, Hamburg, GER
12:45	Lunch & Exhibition	
14:00 – 17:00	Session 2: Biosafety in the Lab – Diagnostics and Research Chair: Christian Griot, IVI, Mittelhäusern, CH	
14:00	Keynote Lecture: Biosafety Risk Assessment and Models: Advantages and Limits to Modelling Biosafety Using a Quantitative Process	Susan Caskey, Sandia National Laboratories, Albuquerque, USA
14:30	Diagnostic of imported viral pathogens in Europe	Matthias Niedrig, RKI, Berlin, GER
	Working with M. Tuberculosis: Risk assessment in patient care, diagnosis and research	Jürgen Mertsching, Hannover Medical School, Hannover, GER
15:30	Break	
16:00	Biosafety versus biosecurity: synergy and potential conflicts	Evelien Kampert, RIVM, Bilthoven, NL
	Implementation of the CWA 15793 to develop a biorisk management system at the Friedrich-Loeffler-Institut (FLI) – First experiences	Jens Peter Teifke, FLI, Riems, GER
17:00	Exhibition	
18:00	End	

Program Second Day – 27.04.2010

	Topic	Speakers
09:00	Introduction	Organizer
09:05	Strengthening the Prohibition through Education: Experiences, Resources, and Models	Brian Rappert, Exeter, UK
10:00 – 12:15	Session 3: Biosafety in the Lab – Technical Installations Chair: Jörg Frank, Safety and Security, University of Zurich, Zurich, CH	
10:00	Keynote Lecture: Planning and Design of a High Containment Laboratory	Andreas Lüthi, Architekturbüro Burkhard & Lüthi, Zurich, CH
10:30	Break	
10:45	Modern Demands in Biosafety Air Filtration Units	Axel Mahler, Camfil AG, Reinfeld, GER
	Thermal Waste Water Sterilisation, the Safe Way to Inactivate	Volker Luh, EnviroDTS, Friedberg, GER
	VHP Fumigation and Ventilation Systems: A Possible Solution	Markus Spörri, ahoch, Zurich, CH Jörg Frank, University of Zurich, Zurich, CH
11:45	Keynote Lecture: Biosafety in the laboratory – biosafety from the laboratory	Joachim Frey, IVB Vetsuisse, Berne, CH
12:30	Lunch & Exhibition	
14:00 – 17:00	Session 4: Basic and Applied Research Chair: Pascal Cherpillod, HUG, Geneva, CH	
14:00	Keynote Lecture: Novel therapeutic strategies against emerging human pathogenic arenaviruses	Stephan Kunz, CHUV, Lausanne, CH
14:40	Electron microscopic abilities for diagnostics of danger viral infections	Elena Ryabchikova, Institute of Chemical Biology and Fundamental Medicine, Novosibirsk, RU
	Laboratory diagnostics for orthopoxviruses	Hermann Meyer, Institut für Mikrobiologie der Bundeswehr, München, GER
15:30	Break	
16:00	Use of synthetic antigens in the development of new vaccines and diagnostic tools	Gerd Pluschke, University of Basel, Basel, CH Marco Tamborrini, STI, Basel, CH
	The zoonotic potential of animal influenza viruses	Gert Zimmer, IVI, Mittelhäusern, CH
	Molecular epidemiology of tick-borne encephalitis viruses in Switzerland	Rahel Gäumann, IFIK, University of Berne, Berne, CH
	T cell-dependence of Lassa fever pathogenesis	Lukas Flatz, NIH, USA / IFIK, Berne, CH
17:30	Exhibition	
18:00	Apéro	
19:00	Meeting Dinner	

Program Third Day – 28.04.2010

	Topic	Speakers
09:00	Introduction	Organizer
09:05	High Containment Laboratories in the Context of Global Health Security	Daniel Lavanchy, WHO, Geneva
09:30 – 12:00	Session 5: High-Containment Lab Spiez Chair: Martin Schütz, SPIEZ LABORATORY, Spiez, CH	
09:30	High containment lab, Spiez: Initial vision and plans – future tasks and collaborations	Martin Schütz / Marc Strasser, SPIEZ LABORATORY, Spiez, CH
10:00	EIS, Laboratory Design and Design Review	Peter Mani, tecrisk GmbH, Bremgarten, CH
10:30	Break	
11:00	Biorisk Management at SPIEZ LABORATORY: Concept and Training	Daniel Kümin, SPIEZ LABORATORY, Spiez, CH
	The Need for Skills Training – An Outsiders View	Jim Welch, Elizabeth Griffin Foundation, Kingsport, USA
	A True Training Experience: Lessons Learned in Behavioral-Biosafety Training	Sean Kaufman, Emory University, Atlanta, USA
	NBBTP: putative program partner	Murray Cohen, CDIC, Atlanta USA
12:15	Schedule for the lab tour	Organizer
12:30	Lunch	
13:30	Lab Tour	
16:30	End	