



AMEXBIO
Asociación Mexicana de Bioseguridad A. C.

10th International Symposium of Biosafety and Biosecurity

SIBB 2018

and

1st. Latin American Meeting of Biosafety and Biosecurity

Puerto Vallarta, Jalisco, México

June 5th . - 8th , 2018

Scientific Program
www.amexbio.org



Mexican Biosafety Association
10th International Symposium of Biosafety and Biosecurity
(SIBB 2018)

Date: June 5th to 8th, 2018

Place: Puerto Vallarta, Jalisco, México

Address: Hotel Fiesta Americana Puerto Vallarta
Boulevard Francisco Medina Ascencio 2477, Puerto Vallarta 48333
Jalisco, México.

Registration: <http://amexbio.org/sibb/inscripciones/>

Exhibit Hall:

The Exhibit hall will be open on Wednesday from 08:30 - 10:00 pm, showcasing the latest in laboratory Biosafety products and services during the Opening Reception. The Exhibit Hall will be open on Thursday from 08:00 am to 05:00 pm and Friday from 08:00 am to 12:00 pm.

Pre-symposium courses:

Tuesday June 5th and Wednesday June 6th, 2018

Symposium:

Thursday June 7th and Friday June 8th, 2018

Pre-symposium courses

No.	
C1	Infectious Substances Shipping Certification Course (In Spanish) <i>Instructors: Carlos Humberto Fuentes Cuevas, InDRE; Luis Alberto Ochoa Carrera, InDRE-AMEXBIO</i>
C2	Good Practices in Clinical Laboratory: Sample collection (In Spanish) <i>Instructor: BD Mexico</i>
C3	Selection and Use of Chemical Disinfectants (In Spanish) <i>Instructor: Guillermo Perales Ortíz, INSP</i>
C4	Biosafety in Clinical Areas (In Spanish) <i>Instructors: José Luis Sandoval Gutiérrez, INER; Alejandro Macías, Universidad de Guanajuato</i>
C5	Basic Biosafety (In Spanish) <i>Instructor: Jairo Betancourt, University of Miami</i>
C6	Handling Critical Situations in Laboratories (In Spanish) <i>Instructors: Luis Alberto Ochoa Carrera, InDRE-AMEXBIO; Hans Laut Guillén, AMEXBIO-MicroBios</i>
C7	Design and Maintenance of Laboratories (In Spanish) <i>Instructor: Luis Linares, Merrick & Company</i>
C8	Commissioning for Containment Labs <i>Instructor: John B. Evans, Consultant</i>
C9	Agricultural Biosafety (In Spanish) <i>Instructor: Eilyn Fábregas, USDA-APHIS</i>
C10	An Introduction to Synthetic Biology <i>Instructor: David Gillum, University of Arizona</i>
C11	Emerging Technologies and Agricultural and Plant Biosafety-Biosecurity <i>Instructors: Aparupa Sengupta, University of California; Luis Alberto Ochoa Carrera, InDRE-AMEXBIO</i>
C12	Response against Biological-Chemical Emergencies in Natural Disasters (In Spanish) <i>Instructors: Daniel José Regalado Santiago, InDRE-AMEXBIO; Jorge Angulo, YA Soluciones</i>
C13	Selection and Use of Personal Protective Equipment for Infection Prevention (In Spanish) <i>Instructors: Daniel José Regalado Santiago, InDRE-AMEXBIO; Carmen Sarabia León, INER-AMEXBIO</i>
C14	Decontamination and Disinfection in Containment Laboratories (In Spanish) <i>Instructor: Miguel Grimaldo, UTMB</i>



Venue	Morning (8am-12pm)	Evening (4pm-8pm)
June 5th, 2018		
<i>Room 1</i>	Infectious Substances Shipping Certification Course	
<i>Room 2</i>	Selection and Use of Personal Protective Equipment for Infection Prevention	Selection and Use of Chemical Disinfectants
<i>Room 3</i>	Biosafety in clinical areas	Design and Maintenance of Laboratories
<i>Room 4</i>	Comissioning for containment labs	Good Practices in Clinical Laboratory: Sample collection
June 6th, 2018		
Lugar	Morning (8am-12pm)	Afternoon (2pm-6pm)
<i>Room 1</i>	Handling Critical Situations in Laboratories	Emerging technologies and agricultural and plant biosafety-biosecurity
<i>Room 2</i>	An Introduction to Synthetic Biology	Decontamination and Disinfection in Containment Laboratories
<i>Room 3</i>	Agricultural Biosafety	Basic Biosafety
<i>Room 4</i>	Response against Biological-Chemical Emergencies in Natural Disasters	

AMEXBIO is affiliated to:



**International Federation of
Biosafety Associations**



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Special Guests



Next Generation
Global Health Security
Network



Proceedings

with simultaneous translation English-Spanish

Wednesday, June 6th, 2018

Schedule	Topic
06:30 - 08:30 pm	Opening Ceremony
06:30 – 07:00 pm	Welcome. AMEXBIO President’s Address Local Arrangements Committee Welcome Scientific Program Committee Welcome Official Inauguration of the SIBB
19:00 – 19:45 pm	Main Lecture “Biosafety and Biosecurity: Achievements and Challenges of PAHO/WHO against Emergencies and Disasters” <i>Jean Marc Gabastou, PAHO/WHO</i>
07:45 – 08:00 pm	Official Photograph
08:00 – 09:00 pm	Opening of the Exhibition Area
09:00 pm	Dinner

Thursday, June 7th, 2018

Schedule	Topic
07:00 – 08:30 am	Registration
08:30 – 09:30 am	Session 1: Laboratory Incidents
08:30 – 08:50 am	Laboratory-Acquired Infections <i>Karen Byers, Dana-Farber Cancer Institute</i>
08:50 – 09:10 am	The Occupational Health Program in Pregnant Women <i>Leyma P. de Haro, New Mexico Consortium</i>
09:10 – 09:30 am	Human Pathogens in a Public Reference System and High Containment Labs <i>Nínive Aguiar Colonello Frattini, Brazilian Health Ministry</i>
09:30 – 10:30 am	Session 2: Prevention, Emergency Response and Disasters
09:30 – 10:00 am	Lessons Learned from the Emergency Response for Containment Labs <i>Domenica Zimmerman, ABSA International</i>
10:00 – 10:30 am	<i>Chemical Emergency Response: An update</i> <i>Daniel José Regalado Santiago, AMEXBIO-IndRE</i>



10:30 – 11:00 am	Exhibits and Coffee Break
11:00 am – 12:00 pm	Session 3: Infectious Diseases and Globalization
11:00 – 11:30 am	The Paradigm for the Infectious Diseases Control <i>Andrew S. Nerlinger, Endura Ventures</i>
11:30 am – 12:00 pm	The Relation between Globalization and Infectious Diseases <i>Danilo Coelho, Brazilian Intelligence Agency</i>
12:00 – 01:00 pm	Lunch
02:00 – 03:00 pm	Exhibits and Posters
03:00 – 04:00 pm	Session 4: Sustainable Technologies for the Design, Maintenance and Operation of Laboratories in Latin America
03:00 – 03:20 pm	Lessons Learned from the “Commissioning” of the BSL-3 Laboratory of SEMAR <i>Miguel Leonardo Méndez, Mexican Navy</i>
03:20 – 03:40 pm	Current situation with biocontainment laboratories: needs and perspectives <i>Natalie J. de Graaf, Centers for Disease and Control and Prevention (CDC)</i>
03:40 – 04:00 pm	The Cost of Maintenance of Containment Labs <i>Luis Linares, Merrick & Company</i>
04:00 – 05:30 pm	Session 5: Discussion Hall Meetings (simultaneous sessions)
	Defining the Biosafety Syllabus for Health Sciences in Universities <i>María de Lourdes Motta Mungía, Sociedad Mexicana de Salud Pública; José Alberto Díaz Quiñónez, InDRE; Jean Marc Gabastou, PAHO/WHO</i>
	Guidelines for Biological Risk Management in Mexico (2nd Edition) <i>Leonora Nusblat, Asociación Argentina de Microbiología; Edgar Sevilla Reyes, AMEXBIO; Claudio Mafra, ANBio</i>
	Preparation and Response in Laboratories against Disasters <i>Jamechia Hoyle, Next Generation Global Health Security Network; Domenica Zimmerman, American Biological Safety Association; Luis Alberto Ochoa Carrera, InDRE-AMEXBIO</i>
05:30 – 06:30 pm	AMEXBIO Member’s Business Meeting
05:30 – 07:30 pm	IFBA Certification Exams
07:30 – 11:00 pm	Social Event

Friday, June 8th, 2018

Schedule	Topic
08:30 – 09:30 am	Session 6: Synthetic Biology Tools and Risk Management
08:30 – 09:00 am	The Future and Current Challenges of the Synthetic Biology and New Editing Technologies <i>David Gillum, Arizona State University</i>
09:00 – 09:30 am	Emerging Technologies in the Agricultural and Plant Biosafety-Biosecurity <i>Aparupa Sengupta, University of California</i>
09:30 – 10:00 am	Session 7: Impact and Importance of the Biosafety-Biosecurity in Everybody's Health Risk Management - It's Your Health and Theirs <i>Jim Welch, Elizabeth Griffin Foundation, Center for Global Health Science and Security, Georgetown University</i>
10:00 – 10:30 am	Exhibits and Coffee Break
10:30 – 11:30 am	Session 8: Biosecurity
10:30 – 10:50 am	International Biosecurity and its Impact in the Latin America Region <i>Phil Bates, WMD Coordinator, FBI</i>
10:50 – 11:10 am	The Intersection Between Biosecurity and Cybersecurity <i>Zachary Jetson, Senior Information Security Analyst</i>
11:10 – 11:30 am	The context of the biosecurity in the accusatory criminal system: Chain of custody and the importance of safeguarding biological materials <i>Patricia Trujillo Mariel, Scientific Division, Mexican Federal Police</i>
11:30 am – 12:30 pm	Session 9: Biological Risk Management in Agricultural Facilities
11:30 am – 11:50 pm	The Impact of Agricultural Biosafety in Iberoamerica <i>Gonzalo Pascual Álvarez, Spanish Center for Animal Health Research</i>
11:50 am – 12:10 pm	Agricultural Biosafety: Epidemiological Surveillance on the Border <i>Eilyn N. Fabregas, Animal and Plant Health Inspection Service (USDA-APHIS)</i>
12:10 pm – 12:30 pm	New Challenges of Agricultural Biosafety in the Americas Region <i>Marcus Vinicius de S. Leandro Jr., Brazilian Ministry of Agriculture, Livestock, and Supply</i>
12:30 pm – 02:00 pm	Lunch



02:00 – 02:30 pm	Summary of Discussion Hall Meetings
02:30 – 03:30 pm	Session 10: Disinfection and Decontamination
02:30 – 02:50 pm	Personal Protective Equipment for Disinfection of Hospital Clean Rooms <i>Emilio Osawa, DuPont</i>
02:50 – 03:10 pm	Importance of appropriate disinfection in laboratories <i>Jairo Betancourt, University of Miami</i>
03:10 – 03:30 pm	Decontamination with Cold Plasma Activated Ionized Hydrogen Peroxide: Does It Behave Like a Gas? <i>Miguel Grimaldo, University of Texas Medical Branch</i>
03:30 – 04:30 pm	Session 11: Biosafety Perspectives Biosafety Perspectives in Training <i>Sean Kaufman, Behavioral-Based Improvement Solutions</i>
04:30 – 04:45 pm	Coffee Break
04:45 – 05:45 pm	Session 12: Strategic Planning Highly Reliable Organizations (HRO) and Biological Risk Management <i>Tim Trevan, Biological Risk Management Consulting</i>
05:45 – 06:30 pm	Close of Symposium