

14th A-PBA PRE-CONFERENCE PROGRAM
Day 1: Tuesday, 17 Sept 2019

Venue/Time/ Workshop	Program	Trainers
Room 1 9.00 5.00pm WS 1	WS 1: PREPARATORY COURSE FOR IFBA BIORISK MANAGEMENT PROFESSIONAL CERTIFICATION Brief introduction by Maureen Ellis, IFBA <ul style="list-style-type: none"> • The essential elements of CWA 15793 • Internal certification exam: Syllabus outline & preparation • The essential elements of CWA 15793 • Core competencies of a biosafety professional 	Prof Lim Yang Mooi University Tunku Abdul Rahman, Malaysia Dr Tan Cheng Siang University Malaysia Sarawak, Malaysia
Room 2 9.00-12.00pm WS2	WS 2: WORKING IN BIO-CONTAINMENT LAB – CHALLENGES & SOLUTIONS FOR A SAFE & SUSTAINABLE LABORATORY <ul style="list-style-type: none"> • Containment labs • Working with high risk pathogens: SOPs and PPE • Biocontainment designs and engineering • Operational sustainable solutions for developing country budgets 	Mr Dan Yoong , World BioHazTec Inc., Singapore
Room 2 2.00 – 5.00pm WS3	WS 3; BIOSAFETY CABINET – WHAT YOU NEED TO KNOW TO KEEP YOU AND YOUR LAB SAFE <ul style="list-style-type: none"> • Types of Biological Safety Cabinet and its purposes • Performance and function of BSC • Safety and proper use of BSC • Maintenance and operation • Process & critical elements • Certification and validation 	Mr Kenny Chee , Global Technical Support Manager ESCO GLOBAL Singapore
Room 3 9.00-12.00pm WS 4	WS 3: INSTITUTIONAL BIOSAFETY COMMITTEE: ROLES & LEADERSHIP TOOLS <ul style="list-style-type: none"> • Biosafety and biosecurity issues in Biological Sciences • Institutional Biosafety Committee • Roles and responsibilities of IBC, members, chair and the Biosafety Officer • What does it take to be a Biosafety Officer? • Leadership Tools for Today's Biosafety Officer 	Dr Saraswathy Subramaniam Biosafety Consultant, Malaysia and President, Asia Pacific Biosafety Association
Room 3 2.00 – 5.00pm WS 5	WS 5: BIOSECURITY – ASSESSING BIOTHREATS <ul style="list-style-type: none"> • Biosecurity and bioterrorism • Biopreparedness tasks • Case studies in biothreats • Personnel reliability • Securing agents 	Dr. Sonia Y Hunt , Scientist, WMD, Directorate, Federal Bureau of Investigation (FBI), Washington, USA

*Topics and speakers may be subject to changes

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Day 2: Wednesday, 18 Sept 2019

Venue/Time/ Workshop	Program	Trainers
Room 1 9.00 – 5.00pm WS 6	WS 6: DISEASE OUTBREAK INVESTIGATION: NATURAL AND DELIBERATE <ul style="list-style-type: none"> • Disease Surveillance, control & prevention • Epidemiological investigation of disease outbreaks • Natural and deliberate bio threat • Public health Preparedness, control and communication • Risk Management at all levels: Biosafety and Biosecurity • Case scenario: Nipah outbreak 	Dr Julie E. Fischer , Director, Elizabeth R. Griffin Program, Center for Global Health Science and Security, Georgetown University Medical Center Department of Microbiology and Immunology, & Dr Asadulghani , Head Biosafety and BSL3, International Centre for Diarrhoeal Disease Research, Bangladesh
Room 2 9.00- 12.00pm WS 7	WS 7: BIOSAFETY INSPECTIONS AND AUDIT <ul style="list-style-type: none"> • What is an audit • Characteristics of audit • Safety Audit Team and Why to conduct an audit • Audit process • Scenarios 	Mr David Lam , Senior Manager Biosafety, Singapore General Hospital, Singapore
Room 2 2.00 – 5.00pm WS 8	WS 8: RISK COMMUNICATION IN PUBLIC HEALTH EMERGENCIES <ul style="list-style-type: none"> • Understand what is risk communication and why should we care • Understand theories and ways for effective communication • Communicating under high concern situations • Practice risk communication skills: develop messages that are believable, convincing, clear and positive 	Dr William Arndt International Program Lead, CSELS/DLS/QSSB, CDC Atlanta Dr Natasha K Griffith , Branch Chief Quality and Safety Systems Branch, DLS, OD, CSELS, CDC, Atlanta, GA
Room 3 9.00- 12.00pm WS 9	WS 9: ANIMAL AND ARTHROPOD BIOSAFETY AND CONTAINMENT <ul style="list-style-type: none"> • Good lab design to optimize lab procedures and Standard Operating Procedures (SOPs). • BL vs. ABL vs. ACL (Biosafety Level vs. Animal Biosafety Level vs. Arthropod Containment Level) • Animal facility planning and design considerations: ABL-2 and ABL-3 • Insect facility planning and design considerations: ACL-2 and ACL-3 	Mr Steven Breslin , Senior Architect and Chief of the Standards and Policy Branch, Office of research Facilities, National Institute of Health, USA
Room 3 2.00 – 5.00pm WS 10	WS 10: BIOLOGICAL WASTE MANAGEMENT <ul style="list-style-type: none"> • Type of biological waste • Segregation, Packaging, Transportation, Treatment and Disposal of Biological Waste • Reuse, reduce and recycling of waste • Biological waste management guidelines 	Mr Philippe Stroot , General Manager and Principal Expert at XIBIOS Biosafety Consulting, Tournai, Wallonia, Belgium

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