14th Asia-Pacific Biorisk Conference  
Biosafety & Biosecurity - For Sustainable Development In Health & Agriculture  
17 - 20 September 2019; Hotel Intercontinental, Dhaka

14th A-PBA Annual Biorisk Conference on “Biosafety & Biosecurity - For Sustainable Development in Health and Agriculture”  
Grand Ball Room and Crystal Ball Room, Hotel Intercontinental, Dhaka, Bangladesh

Program
DAY 1: 19th September 2019

08.00 – 09.30  Registration

Inaugural Session
Facilitated by Dr Tania Mannan, Assistant Professor, Bangladesh University of Health Sciences & Faculty Member and the Member of the General Body, Chhayanaut

09:30 – 09:40  Recitation from the Holy Books

09:40 – 10:00  Introducing Culture of Six Seasons in Bangladesh, Sharmila Banerjee, Nrityanandan and Ms Tania Mannan, Chhayanaut

10:01 – 10:10  Welcome address - Dr Saraswathy Subramaniam, President, Asia Pacific Biosafety Association and Dr Asadulghani, President, Bangladesh Biosafety and Biosecurity Society

10:11 – 10:15  Address by Special Guest, Professor John D Clemens, Executive Director, International Centre For Diarrhoeal Disease Research, Bangladesh

10:16 – 10:20  Address by Special Guest, Professor Dr Abul Kalam Azad, Honorable Director General of Health Services, Ministry of Health and Family Welfare, Government of the People’s Republic of Bangladesh

10:21 – 10:25  Address by Special Guest, Mr Md Ashadul Islam, Honorable Secretary, Health Care Division, Ministry of Health and Family Welfare Government of the People’s Republic of Bangladesh

10:26 – 10:35  Address by the Chief Guest, Mr Md. Atiqul Islam, Honorable MAYOR, Dhaka North City Corporation

10:36 – 11:40  Group photo

10:41 – 11:00  Coffee/Tea Break

Technical Session 1: Global Updates on Biosafety and Biosecurity
11:01 – 12:40

Panel members:
Professor Dr Nasima Sultana, Additional Director General, Ministry of Health and Family Welfare, Bangladesh  
Professor Dr Vijji Vijayan, Assistant Dean, Safety, Health, Emergency, National University of Singapore  
Professor Dr Mohammad Hafizur Rahman, Professor, Department of Biochemistry, Dhaka Medical College, Bangladesh

11:01 – 11:20  WHO Laboratory Biosafety Manual revision and other activities - Dr Kazunobu Kojima, Scientist, Country Health Emergency, Preparedness & IHR (CPI), World Health Organization

11:21 – 11:40  Biosafety in Microbiological and Biomedical Laboratories - Dr Natasha K Griffith, Branch Chief Quality and Safety Systems Branch, DLS, OD, CSELS, CDC, Atlanta, GA

11:41 – 12:00  Evolving Technology shaping New Challenges in Counter – Bioterrorism - Dr Chua Teck Mean, Biosafety Consultant, Temasek Life Science Laboratory, National University of Singapore, Singapore

12:01 – 12:20  Assessment of Biosafety Capacity and Development Activities in Veterinary Laboratories in Southeast and Southern Asia – Dr Stacie E. Dunkle, Epidemiologist, Emergency Centre for Transboundary Animal Diseases, Food and Agriculture Organization of the United Nations, Bangladesh

12:21 – 12:40  Personal Climate Change – How it Influences at the National, Regional and Global Levels - Dr James Welch, Elizabeth R Griffin Foundation, Center for Global Health Science and Security

12:41 - 14:00  Lunch Break

Technical Session 2: Current Status of Biosafety and Biosecurity in Asia Pacific
14:01 – 15:30

Panel members:
Professor Dr Imdadul Hoque, Dean Biological Sciences, University of Dhaka, Bangladesh

Wed Address: http://www.bdbiosafetysecurity.org/
E-mail: bd.bio.safetysecurity@gmail.com
Professor Dr Lim Yang Mooi, Chairperson, Centre for Cancer Research, Department of Pre-Clinical Science, Faculty of Medicine & Health Sciences, Universiti Tunku Abdul Rahman, Malaysia

Professor Dr Nurun Nabi, Dept of Biochemistry and Molecular Biology, University of Dhaka, Bangladesh

14:01 – 14:20 Strengthening Biosafety and Biosecurity Status in Bangladesh - A Sustainable Approach - Dr Pawan Angra, Division of Global Health Protection, Center for Global Health, CDC, Atlanta, GA

4:21 – 14:40 Laboratory Biosafety and Global Public Health - Professor Dr Guizhen Wu National Institute for Viral Disease Control and Prevention, Chinese Center for Disease Control and Prevention, Beijing, China

14:41 – 15:00 Biosafety and Biosecurity in Polio Eradication in Bangladesh - Dr Mahbuba Jamil, Country Coordinator and Member Secretary National Task Force on Laboratory Containment of Poliovirus, Ministry of Health and Family Welfare, Bangladesh

15:01– 15:20 Health Security Partners (HSP) Programs and Regional collaborations on biosecurity - Dr Prasad Kuduvalli - Director of Scientific Programs at Health Security Partners, Washington, District of Columbia

15:21 – 15:30 Q/A

15:31 – 16:00 Coffee/Tea Break

Technical Session 3: Emerging Science and Technology – New Challenges

16:01 – 17:30

Panel members:

Professor Dr Sharif Akhtaruzzaman, Department of Genetic Engineering and Biotechnology, University of Dhaka, Bangladesh

Dr Philippe Stroot, General Manager and Principal Expert, XIBIOS Biosafety Consulting, Tournai, Wallonia, Belgium

Dr Md Salimullah, Director General, National Institute of Biotechnology, Dhaka, Bangladesh

16:01 – 16:20 Progress in transgenic and other innovative vector control strategies for dengue and malaria in India: Preparedness for Best-Practice Guidance including regulatory, biosafety and deployment aspects - Prof. Dr BK Tyagi, Core Faculty, SERB-DST's School of Insect Biology, Hyderabad University, Hyderabad

16:20 – 16:40 CRISPR-mediated Genome Editing Technology in Agriculture: Issues with Biosafety and Biosecurity - Dr Abidur Rahman, Dept of Plant Bio Sciences, Fac of Agriculture, Iwate University, Japan

16:41– 17:00 Biosecurity in Vietnam - Dr Trinh Thi Thanh Huong, Head, Division of Biosafety, National Institute of Hygiene and Epidemiology

17:01 – 17:10 Q/A

17:11 – 17:30 Preparatory Break for AGM

17:31 – 19:00 A-PBBA AGM

19:01 – 20:00 Cultural Program – Coordinated by Dr Tania Mannan, University of Health Sciences, Bangladesh

20:01 – 21:00 Networking Dinner - Registered Participants
Program

DAY 2: 20th September 2019

Technical Session 4: Facility and Biocontainment
09:01 – 10:30
Panel members:
Dr Chua Teck Mean, Biosafety Consultant, Temasek Life Sciences Laboratory, Singapore
Professor Dr Ahmed Abu Saleh, Chairman, Dept of Microbiology and Immunology, Bangabandhu Sheikh Mujib Medical University, Bangladesh
Professor Dr Rakibul Islam, Department of Biochemistry and Molecular Biology, University of Dhaka, Bangladesh
09:01 – 09:20 What if it doesn't work? – What We Can Learn from Our Mistakes? - Dr Natasha K Griffith, Center for Surveillance, Epidemiology, and Laboratory Services, CDC, Atlanta, USA
09:21 – 09:40 Animal and Insect Facilities: Planning and Programming Considerations - Mr Steven Breslin, Sr Architect and Chief of the Stds & Policy Branch, NIH, USA
09:41 – 10:00 Biological Safety Cabinet certification: Overview of NSF’s accreditation programs, lessons learned and opportunities for the future - Mr Bhajan Bhagwant Singh, NSF International
10:01 – 10:20 Quality, Safety and Facility – Lessons learnt from certifying MDR TB diagnostic facilities - Dr Dan Young, World BioHazTec Inc. Singapore
10:21 – 10:30 Q/A
10:31 – 11:00 Coffee/Tea Break

Technical Session 5: Public Health – Emerging and Re-emerging Threats
11:01 – 12:30
Panel members:
Professor Dr Sanya Tahmina, Communicable Disease Control, Ministry of Health and Family Welfare, Bangladesh
Dr Joko Pamungkas, Senior Scientist, Primate Research Center at IPB University, Bogor, Indonesia
Dr Chandan Kumar Roy, Associate Professor, Department of Microbiology and Immunology, Bangabandhu Sheikh Mujib Medical University
11:01 – 11:20 Public Health Challenges in Bangladesh and Biosafety and Biosecurity Concerns - Prof Dr Be-Nazir Ahmed, National Consultant, Coordination & Support Center, Directorate General of Health Services
11:21 – 11:40 Progress in the antigen-specific T-cell immunity to emerging highly-pathogenic viruses and the application in universal vaccine - Professor Dr William J. Liu, National Institute for Viral Disease Control and Prevention, Chinese Center for Disease Control and Prevention, Beijing, China
11:41 – 12:00 Challenges of TB in India and the relevance of BSL3 laboratories in Medical Research Institutes - Dr Vikram Saini, All India Institute of Medical Sciences, New Delhi, India
12:01 – 12:20 Emerging and Reemerging Zoonotic Diseases in Bangladesh - Dr Md Giasuddin, Head, Animal Hlth Research Div Bangladesh Livestock Research Institute, Savar
12:21 – 12:30 Q/A
12:31 – 14:00 Lunch Break

Technical Session 6: Food and Agricultural Safety and Security
14:01 – 15:30
Panel members:
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
Professor Dr Rakha Hari Sarker, Chairman, Department of Botany, University of Dhaka, Bangladesh
Professor Dr Md Shahidul Islam, Head of the Dept of Biotechnology Agricultural University, Mymensingh, Bangladesh
14:01 – 14:20 Food Biosafety and Biosecurity Issues in Bangladesh: Strategy for Sustainable Development - Dr Latiful Bari, Head Food Safety Laboratory, Center for Advanced Research In Sciences, University of Dhaka, Bangladesh
14:21 – 14:40 Primate containment: Challenges in management - Dr drh. Joko Pamungkas, Senior Scientist, Primate Research Center at IPB University, Bogor, Indonesia
14:41 – 15:00 Towards Golden Rice to Brand Rice Nutraceutically Enriched: Some Biosafety Issues - Dr Jiban Krishna Biswas, National Consultant, Healthier Rice Programme, International Rice Research Institute, Bangladesh
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<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker/Representative</th>
<th>Details/Location</th>
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<tbody>
<tr>
<td>15:01 – 15:20</td>
<td>Fungal Wheat Blast: An Emerging Food Security Concern in Bangladesh</td>
<td>Professor Dr. Md Tofazzal Islam, Director</td>
<td>Institute of Biotechnology and Genetic Engineering, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur, Bangladesh</td>
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<td>15:21 – 15:30</td>
<td>Q/A</td>
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<td>5:31 – 16:00</td>
<td>Coffee/Tea Break</td>
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<td>16:01 – 17:30</td>
<td>Technical Session 7: Evolving Threats in Biosecurity &amp; Bioterrorism</td>
<td>Panel members:</td>
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<td>Brigadier General Prof (Dr) Arif Ahmed Khan</td>
<td>Head of the Department of Microbiology and Molecular Biology, Armed Forces Institute of Pathology, Dhaka Cantonment</td>
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<td>Professor Dr Guizhen Wu</td>
<td>National Institute for Viral Disease Control and Prevention, Chinese Center for Disease Control and Prevention, Beijing, China</td>
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<td>Lieutenant Colonel Dr Jamal Pasha Chowdhury</td>
<td>Classified Specialist in Pathology, Combined Military Hospital, Rangpur, Bangladesh</td>
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<td>16:01 – 16:20</td>
<td>State of Biosecurity in Asia: challenges and lessons</td>
<td>Professor Dr Viji Vijayan, Assistant Dean</td>
<td>Assistant Dean, Safety, Health, Emergency, National University of Singapore, Singapore</td>
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<td>16:21 – 16:40</td>
<td>Biosafety Inspections: Doing it right</td>
<td>Mr David Lam, Senior Manager Biosafety, Singapore General Hospital</td>
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<td>16:40 – 17:00</td>
<td>Laboratory Strengthening to support Biosecurity/Biosafety in South-East Asia</td>
<td>Dr Nicolas Steenkeste, Quality Initiatives and Biosecurity Manager, Foundation Mérieux, Lyon, France</td>
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<td>17:01 – 17:20</td>
<td>Risk Based Assessment of Biological Waste Management Capabilities in 6 South East Asian Countries</td>
<td>Dr Philippe Stroot, General Manager and Principal Expert at XIBIOS Biosafety Consulting, Tournai, Wallonia, Belgium</td>
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<td>17:21 – 17:30</td>
<td>Q/A</td>
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<td>17:31 – 18:00</td>
<td>Closing Remarks President A-PBA</td>
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