

Day 1 – “Building National Awareness”
17 October 2017

Agenda

Opening Ceremony

Facilitator: Dr. Gaeton Khim

Time	Session Title and Presenter Name
0730 – 0800	Registration
0800 – 0915	Opening Ceremony Deputy Chief of Mission, Michael Newbill (U.S. Embassy in Cambodia) Food and Agriculture Organization of the UN Representative (TBD) World Health Organization Representative, Yunguo Liu CBEP Division Chief, Lance Brooks Senior Ministry of Health Representative (TBD)
0915 – 0925	Group Photo
0925 – 0940	Tea Break
0940 – 0950	Introduction to the Conference and Workshop Objectives Dr. Martha Stokes, <i>Cooperative Biological Engagement Program (CBEP)</i> LT Andy Miller, <i>Cooperative Biological Engagement Program (CBEP)</i> Dr. Frances Daily, <i>Diagnostic Microbiology Development Program (DMDP)</i> Ms. Joanne Letchford, <i>Diagnostic Microbiology Development Program (DMDP)</i>
0950 – 1010	Melioidosis: A One Health Problem Dr. David Dance, <i>Lao-Oxford-Mahosot Hospital-Wellcome Trust Research Unit (LOMWRU)</i>
1010 – 1030	Global Burden of the Disease, Translating Data into Policy Dr. Direk Limmathuratsakul, <i>Mahidol-Oxford Wellcome Trust Research Unit (MORU)</i>
1030 – 1040	2010 – Present: Current Situation in Cambodia TBD, TBD

Session 1: Clinical Presentation and Diagnostic Overview

Facilitator: Dr. Bory Sotharith

1040 – 1110	Risk Factors, Clinical Presentations, and Best Practices for Treatment Dr. Bart Currie, <i>Menzies School of Health Research, Royal Darwin Hospital</i>
1110 – 1140	Best Practices for Diagnostics Dr. Vanaporn Wuthiekanun, <i>MORU</i>
1140 – 1145	Presentation: Calmette Hospital TBD, <i>Calmette Hospital</i>
1145 – 1150	Presentation: Sihanouk Hospital Center of Hope TBD, <i>Sihanouk Hospital Center of HOPE</i>

1150 – 1155	Presentation: Siem Reap Hospital TBD, <i>Siem Reap Hospital</i>
1155 – 1200	Presentation: AHC Milya Thyl, <i>AHC</i>
1200 – 1330	Lunch
1330 – 1340	Presentation: Kantha Bopha (Siem Reap and Phnom Penh) TBD, <i>Kantha Bopha PP</i> TBD, <i>Kantha Bopha SR</i>
1340 – 1345	Presentation: Takeo TBD, <i>Takeo</i>
1345 – 1430	Session 1 Question and Answer PANEL PARTICIPANTS: Dr. Frances Daily, Dr. Direk Limmathurotsakul, Dr. Bart Currie, Dr. Frances Daily, Dr. David Dance, Dr. Paul Turner
Session 3: Animal and Environmental Considerations <i>Facilitator: Dr. Gaeton Khim</i>	
1430 – 1445	Melioidosis in Mammals and Birds Dr. Bart Currie, <i>Menzies</i>
1445 – 1500	Bp in Soil and Water Dr. David Dance, <i>LOMWRU</i>
1500 – 1530	Session 3 Question and Answer Animal and Environmental Considerations PANEL PARTICIPANTS: Dr. Vanaporn Wuthiekanun, Dr. David Dance, Dr. Bart Currie, and Dr. Kristina Osbjer
1530 – 1550	Tea Break
Session 4: Melioidosis Prevention and Communication <i>Facilitator: Dr. Bory Sotharith</i>	
1550 – 1610	Prevention Dr. Direk Limmathuratsakul, <i>MORU</i>
1610 – 1630	Communication Strategies Dr. Vicki Krause, <i>Northern Territory CDC</i>
1630 – 1640	Day 1 Conclusion and Introduction to Training Dr. Frances Daily, <i>DMDP</i> Ms. Joanne Letchford, <i>DMDP</i>
1830 – 2030	Social Event w/ Guest Lecture Topic: “Biological Threat Reduction through Networks” Mr. Lance Brooks, <i>CBEP</i>

Day 2 – “Simultaneous Clinical and Laboratory Training”

18 October 2017 – Raffles Hotel

Clinical Training Agenda

Time	Session Title and Presenter Name
0800 – 0830	The Spectrum of Clinical Manifestations Dr. Bart Currie, <i>Menzies</i>
0830 – 0845	Question and Answer Session Facilitator Dr. Bart Currie, <i>Menzies</i>
0845 – 0905	Microbiology Lab – Virtual Tour Dr. Paul Turner, <i>AHC</i>
0905 – 0935	Collecting the Right Specimens Dr. David Dance, <i>LOMWRU</i>
0935 - 0955	Question and Answer Session Dr. Bart Currie, Dr. David Dance, Dr. Paul Turner, Dr. Frances Daily, Dr Bory Sotharith
0955 – 1015	Tea Break
1015 – 1045	A review of investigation of suspected melioidosis cases at Angkor Hospital for Children 2009-17 Dr. Miliya Thyl
1045 – 1115	Cambodia Treatment Guidelines Dr. Bory Sotharith, <i>Calmette Hospital</i>
1115 – 1135	Question and Answer Session Dr. Bart Currie, Dr. David Dance, Dr. Bory Sotharith, Dr. Paul Turner, Dr. Frances Daily
1135 - 1200	Data collection – experience from Calmette Dr Koy Sophany, <i>Calmette Hospital</i> <i>10 min presentation; 15 min Q&A & discussion</i>
1200 – 1330	Lunch
1330 – 1410	Case Presentation: Acute Pneumonia (paediatric & adult) TBD <i>30 min (2 presentations); 10 min Q&A at the end</i>
1410 – 1430	Case Presentation: Chronic Pneumonia TBD <i>10 min presentation; 10 min Q&A at the end</i>
1430 – 1500	Chest X-Rays Dr. Vicki Krause, <i>Darwin Center for Disease Control</i> <i>20 min presentation; 10 min Q&A at the end</i>

1500 – 1530	Tea Break
1530 – 1620	Case Presentation: Sepsis (paediatric & adult) TBD <i>30 min (2 presentations); 20 min Q&A at the end</i>
1620 – 1700	Key Messages Dr. Frances Daily Wrap up Session Dr. Bart Currie, Dr. David Dance, Dr. Bory Sotharith, Dr. Paul Turner, Dr. Frances Daily, and Dr. Vicki Krause

Day 2 – “Simultaneous Clinical and Laboratory Training”
 18 October 2017 – National Institute of Public Health (NIPH), Bayon Auditorium,
 National Public Health Laboratory (NPHL), microbiology unit
Laboratory Training Agenda

Time	Session Title and Presenter Name
0800 – 0820	Lab Acquired Infection Dr. David Dance, <i>LOMWRU</i>
0820 – 0830	Categorization of biological agents (including <i>Burkholderia pseudomallei</i>) in Cambodia Dr. Uch Moniheap, <i>Bureau of Medical Laboratory Services (BMLS)</i> (to be confirmed)
0830 – 0900	Diagnosing <i>Burkholderia pseudomallei</i> Dr. Vanaporn Wuthiekanun, <i>MORU</i>
0900 – 0910	Lab Session Instructions Ms. Joanne Letchford, <i>DMDP</i>
0900 – 1020	Dry Lab – TBD Group 1: Divided into 6 working groups Risk Assessment: Group work <ul style="list-style-type: none"> • Lab activities associated with <i>Burkholderia pseudomallei</i> • Steps to reduce risk Wet Lab – Oeng Sopheap, DMDP Group 2: Divided into 6 working groups Isolation, Identification (ID) and Antibiotic Susceptibility Testing (AST) of <i>Burkholderia pseudomallei</i> - Group work <ul style="list-style-type: none"> • One unknown isolate for ID and AST • Demonstration: <i>Burkholderia pseudomallei</i> on Ashdown’s agar and in Ashdown’s broth
1020 – 1050	Tea Break and Group Changeover
1050 - 1200	Dry Lab – TBD Group 2: Divided into 6 working groups Risk Assessment: Group work <ul style="list-style-type: none"> • Lab activities associated with <i>Burkholderia pseudomallei</i> • Steps to reduce risk Wet Lab – Oeng Sopheap, DMDP Group 1: Divided into 6 working groups Isolation, Identification (ID) and Antibiotic Susceptibility Testing (AST) of <i>Burkholderia pseudomallei</i> - Group work <ul style="list-style-type: none"> • One unknown isolate for ID and AST • Demonstration: <i>Burkholderia pseudomallei</i> on Ashdown’s agar and in Ashdown’s broth
1200 – 1330	Lunch

1330 – 1345	AST tips and Trimeth / sulfa testing <i>Dr. David Dance, LOMWRU</i>
1345 – 1430	Isolation, ID and AST of <i>B. pseudomallei</i> in Cambodian Labs Sona Soeng, <i>Ankor Hospital for Children (AHC)</i> TBD Representative from a Cambodian microbiology laboratories TBD Representative from a Cambodian microbiology laboratories
1430 – 1450	Specimen Processing (including Ashdown's media) <i>Dr. Vanaporn Wuthiekanun, MORU</i>
1450 – 1520	Discussion on National Standardisation <i>Dr. Sau Sokunna, Bureau of Medical Laboratory Services (BMLS)</i> (to be confirmed)
1520 - 1540	Tea Break
1540 – 1610	Clinical Impacts of Diagnosis <i>Dr. Bart Currie, Menzies School of Health Research, Royal Darwin Hospital</i>
1610 – 1630	Key Messages Joanne Letchford, DMDP
1630 – 1650	Question and Answer Session Facilitator, TBD
1650	Return to Raffles Hotel and Phnom Penh Hotel

Day 3 – “Simultaneous Clinical and Laboratory Training”

19 October 2017 – Raffles Hotel

Clinical Training Agenda

Time	Session Title and Presenter Name
0800 – 0840	Case presentations: Pus, head, and neck (paediatric & adult) TBD <i>30 min (2 presentations); 10 min Q&A</i>
0840 – 0900	Case presentation: Spleen and liver abscess TBD <i>10 min presentation; 10 min Q&A</i>
0900 – 0930	Radiology Dr Jitraporn Wongwiwatchai, Khon Kaen University <i>20 min presentation; 10 min Q&A</i>
0930 – 1000	Surgical Intervention Dr Pichest Watanapairojrat, Naresuan University <i>20 min presentation; 10 min Q&A</i>
1000 – 1030	Tea Break
1030 – 1100	Case Presentation: Bone, Joint TBD <i>20 min (2 presentations); 10 min Q&A</i>
1100 - 1130	Case Presentation: Failed treatment, relapse, untreated TBD <i>20 min (2 presentations); 10 min Q&A</i>
1130 – 1215	Key Messages & Facilitated Discussion All Presenters
1215 – 1330	Lunch
1330 – 1400	Post Training Assessment
1400 – 1530	Facilitated Discussion all doctors and laboratory participants
1530 – 1600	Tea Break
1600 – 1730	Closing Ceremony with Congratulatory Comments Mr. Lance Brooks, Division Chief, Cooperative Biological Engagement Program Senior Ministry of Health Representative (TBD)

Day 3 – “Simultaneous Clinical and Laboratory Training”
 19 October 2017 – National Institute of Public Health (NIPH), Bayon Auditorium,
 National Public Health Laboratory (NPHL), microbiology unit
Laboratory Training Agenda

Time	Session Title and Presenter Name
0810 – 0930	Dry Lab – Ms. Joanne Letchford, DMDP Group 1 <ul style="list-style-type: none"> ● Video - Latex agglutination test ● Group review and discussion of SOPs: <ul style="list-style-type: none"> ○ SOP Ashdown's media for selective culture of <i>Burkholderia pseudomallei</i> ○ SOP InBios Active Melioidosis Detect™ Rapid Test ○ SOP Identification of <i>Burkholderia pseudomallei</i> ● Poster presentation
	Wet Lab – Oeng Sopheap, DMDP Group 2 <ul style="list-style-type: none"> ● Follow-up ID and AST of one unknown isolate ● Latex agglutination test ● InBios Active Melioidosis Detect™ Rapid Test ● Demonstration: <i>Burkholderia pseudomallei</i> on Ashdown's agar and in Ashdown's broth
0930 – 1000	Tea Break and Group Changeover
1000 – 1120	Dry Lab – Ms. Joanne Letchford, DMDP Group 2 <ul style="list-style-type: none"> ● Video - Latex agglutination test ● Group review and discussion of SOPs: <ul style="list-style-type: none"> ○ SOP Ashdown's media for selective culture of <i>Burkholderia pseudomallei</i> ○ SOP InBios Active Melioidosis Detect™ Rapid Test ○ SOP Identification of <i>Burkholderia pseudomallei</i> ● Poster presentation
	Wet Lab – Oeng Sopheap, DMDP Group 1 <ul style="list-style-type: none"> ● Follow-up ID and AST of one unknown ● Latex agglutination ● InBios Active Melioidosis Detect™ Rapid Test ● Demonstration: <i>Burkholderia pseudomallei</i> on Ashdown's agar and in Ashdown's broth
1120 – 1145	Presentation of Group Results Facilitators, Ms. Joanne Letchford, DMDP and Oeng Sopheap, DMDP
1145 – 1200	Key Messages Ms. Joanne Letchford, DMDP

1215 – 1330	Lunch
1330 – 1400	Post Training Assessment
1400 – 1530	Facilitated Discussion all doctors and laboratory participants
1530 – 1600	Tea Break
1600 – 1730	Closing Ceremony with Congratulatory Comments Mr. Lance Brooks, Division Chief, Cooperative Biological Engagement Program Senior Ministry of Health Representative (TBD)

**Day 4 – “National Discussion: Training Review and Next Steps”
20 October 2017 – Raffles Hotel**

Invite Only – Facilitated Discussion on National Path Forward

Dr. Jason Rao, Health Security Partners

Time	Session Title and Presenter Name
0800 – 0815	Event Overview Dr. Frances Daily, <i>DMDP</i>
0815 – 0845	Training Session Report-out TBD, Clinical Training Session – 15 minutes TBD, Laboratory Training Session – 15 minutes
0845 – 1045	Facilitated “Next Steps” Discussion TBD, TBD