



CLINICAL AND  
LABORATORY  
STANDARDS  
INSTITUTE®



## FAO-APHCA-DLD ASEAN Regional Training Workshop on “Antimicrobial Susceptibility Testing (AST) of Bacteria Isolated from Farm Animals”

7-8 October 2014

Faculty of Veterinary Science, Chulalongkorn University, Bangkok

### 7 October 2014

Time	Topic	Speaker
<b>Room Prasitpotipak, 10<sup>th</sup> floor</b>		
<b>Moderator: Dr. Taladon Luangtongkum</b>		
08:30-09:00	Registration	Team
09:00-9:30	Opening remarks Group photo Staff and participant introduction	SL & JO
09:30-10:30	Guideline for antimicrobial resistance monitoring	RC
<b>10:30-11:00</b>	<b>Coffee break</b>	
11:00-12:00	Standard antimicrobial susceptibility tests in bacteria isolated from food animals and food products	SS
<b>12:00-13:00</b>	<b>Lunch break (room 919)</b>	
<b>Room 1217 (CUARM)</b>		
13:00-14:00	Laboratory practice: Antimicrobial susceptibility tests <ul style="list-style-type: none"> <li>▪ Preparation of inoculum</li> <li>▪ Disk diffusion method</li> <li>▪ Agar dilution method</li> <li>▪ Broth dilution method</li> </ul>	TEAM
<b>14:00-14:30</b>	<b>Coffee break</b>	
14:30-16:00	Laboratory practice (cont.)	TEAM
<b>17:30-19:00</b>	<b>Welcome dinner at Ban Khun Mae</b>	

### 8 October 2014

Time	Topic	Speaker
<b>Room 1217 (CUARM)</b>		
10:00-12:00	Laboratory practice (cont.) <ul style="list-style-type: none"> <li>▪ Read and discuss results</li> <li>▪ Discuss QC ranges and interpretive criteria</li> <li>▪ Discuss the pros and cons of each method</li> </ul>	TEAM
<b>12:00-13:00</b>	<b>Lunch break (room 919)</b>	
<b>Room Prasitpotipak, 10<sup>th</sup> floor</b>		
13:00-13:30	AST of fastidious microorganisms	RC
13:30-14:00	Troubleshooting and common mistakes made in AST	SS
14:00-14:30	How will you implement this training locally?	TEAM
14:30-15:00	Conclusion	TEAM

### **Opening Remarks:**

- JO** Dr. Joachim Otte, Food and Agriculture Organization of the United Nations, Regional Office for Asia and the Pacific
- SL** Assoc. Prof. Dr. Songkram Luangtongkum, Faculty of Veterinary Science, Chulalongkorn University

### **Instructors:**

- RC** Assoc. Prof. Dr. Rungtip Chuanchuen, CUARM & Department of Veterinary Public Health, Faculty of Veterinary Science, Chulalongkorn University
- SS** Dr. Shabbir A Simjee, Co-Chair CLSI Sub-Committee on Veterinary Antimicrobial Susceptibility Testing & Sr. Res Scientist Elanco Animal Health
- TL** Dr. Taradon Luangtongkum, CUARM & Department of Veterinary Public Health, Faculty of Veterinary Science, Chulalongkorn University