

## Regional Short-term Training on Antimicrobial Resistance

(Advanced Course)

Tokyo, Japan, 16-18 October 2018

Training Programme

Date	From	To	Content	Trainer	
16-10-2018 (Tue)	9:30	12:00	Preparation, Lecture	Dr. Shirakawa, Dr. Abo	
			Laboratory Work - Identification of ESBL producing <i>E. coli</i> (PCR, Disk method, PCase etc.)		
	12:00	13:00	Lunch		Dr. Shirakawa, Dr. Kawanishi
	13:00	14:30	- Identification of ESBL producing <i>E. coli</i> (Cont.)		
	14:30	15:00	Coffee Break		Dr. Matsuda, Dr. Kijima
	15:00	16:30	- Broth microdilution method <del>- Identification of bacteria by Matrix Assisted Laser</del>		
	16:30	17:30	Desorption/ionization time of flight mass spectrometer (MALDI TOFMS)		Dr. Matsuda, Dr. Shirakawa
17:30	-	Move to the Hotel			
Date	From	To	Content	Trainer	
17-10-2018 (Wed)	9:30	12:00	Preparation, Lecture	Dr. Kawanishi, Dr. Matsuda	
			Laboratory Work - Identification of <i>S. aureus</i> and MRSA (PCR assay for <i>mecA</i> gene, Inoculation for <i>S. aureus</i> and MRSA selection agar, Detection of PBP2 etc.)		
	12:00	13:00	Lunch		Dr. Kawanishi, Dr. Matsuda
	13:00	14:30	Laboratory Work - Identification of <i>S. aureus</i> and MRSA (cont.)		
	14:30	15:10	- Broth microdilution method (MIC measurement)		Dr. Matsuda, Dr. Kijima
	15:10	15:30	Coffee Break		Dr. Shirakawa, Dr. Kawanishi
	15:30	17:00	- Identification of ESBL producing <i>E. coli</i> ; measurement of inhibition zone		
17:00	18:00	- Disk diffusion method	Dr. Kijima, Dr. Shirakawa		
18:00	-	Move to the Hotel			
Date	From	To	Content	Trainer	
18-10-2018 (Thu)	9:30	12:00	Laboratory Work	Dr. Kijima, Dr. Shirakawa	
			- Disk diffusion method (measurement) and data comparison with the broth dilution method		
	12:00	13:00	Lunch		Dr. Kawanishi, Dr. Matsuda
	13:00	14:30	- Identification of <i>S. aureus</i> and MRSA (cont.)		
	14:30	15:00	Coffee Break		Dr. Matsuda
	15:00	16:20	Presentation; Topics for resistance bacteria		
			- JVARM monitoring for companion animals		
- Some Trends in colistin resistance genes					
- Some trial for breakpoint setting					
- AMU data collection and related regulatory framework in animal sector of Japan					
16:20	16:40	Reporting, Discussion, Q&A, Wrap up	Dr. Kijima, Dr. Matsuda, Dr. Kawanishi, Dr. Shirakawa		
16:40	17:00	Closing Ceremony (issuance of certification)	Director, Dr. Endo, Dr. Ogikubo, Dr. Kijima, Dr. Matsuda, Dr. Kawanishi, Dr. Shirakawa, Dr. Nakajima		