

Regional Short-term Training on Antimicrobial Resistance

(Pre Advanced Course)

Tokyo, Japan, 16-20 October 2017

Training Programme

Date	From	To	Content	Trainer
16-10-2017 (Mon)	10:00	10:30	Opening Ceremony, Photo Session	Director, Dr.Endo, Dr.Ogikubo, Dr.Kijima, Dr.Ozawa, Dr.Kawanishi, Dr.Uchiyama, Dr.Shirakawa, Dr.Nakajima
	10:30	12:30	Introduction by NVAL - NVAL Overview - Introduction of NVAL as OIE Collaborating Centre - Introduction for AMR Training	Dr.Nakajima (10:30-12:00), Dr.Kijima (12:00-12:20)
	12:30	13:30	Lunch	
	13:30	14:10	Lecture (Antimicrobial Resistance Mechanisms, Breakpoints & MIC assay methods)	Dr.Kijima
	14:10	15:40	Preparation, Lecture Laboratory Work - Broth microdilution method	Dr.Kijima, Dr.Shirakawa
	16:00	17:00	Coffee break - PCR assay for the detection of antibiotic resistance genes	Dr.Shirakawa, Dr.Uchiyama
	17:00	18:00	Move to the Hotel	
17-10-2017 (Tue)	9:30	12:00	Preparation, Lecture Laboratory Work - Agar dilution method; plate preparation	Dr.Kawanishi, Dr.Ozawa
	12:00	13:00	Lunch	
	13:00	15:00	Laboratory Work - Agar dilution method; bacterial inoculation	Dr.Kawanishi, Dr.Ozawa
	15:20	16:40	Coffee break - Disk diffusion method	Dr.Kijima, Dr.Shirakawa
	16:40	17:00	- Broth microdilution method (MIC measurement)	Dr.Shirakawa, Dr.Uchiyama
	17:00	18:00	Move to the Hotel	
18-10-2017 (Wed)	9:30	12:00	Laboratory Work - Agar dilution method; MIC measurement	Dr.Kawanishi, Dr.Ozawa
	12:00	13:00	Lunch	
	13:00	17:00	Laboratory Work - Disk diffusion method; measurement of inhibition zone - PCR assay for the detection of antibiotic resistance genes (cont.)	Dr.Shirakawa, Dr.Uchiyama Dr.Shirakawa, Dr.Uchiyama
	17:00	18:00	Move to the Hotel	
20-10-2017 (Fri)	10:00	12:00	Presentation; Topics for resistance bacteria - Some Trends in Salmonella and MRSA - Current Situation of Colistin resistance in food-producing animals - ESBL producing <i>E. coli</i> - Screening and Identification of MRSA	Dr.Kijima Dr.Kawanishi Dr.Ozawa Dr.Uchiyama
	12:00	13:00	Lunch	
	13:00	14:00	Reporting, Q&A, Wrap up	Dr.Kijima, Dr.Ozawa, Dr.Shirakawa
	14:00	14:30	Closing Ceremony (issuance of certification)	Director, Dr.Endo, Dr.Ogikubo, Dr.Kijima, Dr.Ozawa, Dr.Shirakawa, Dr.Nakajima

Regional Short-term Training on Antimicrobial Resistance

(Advanced Course)

Tokyo, Japan, 19-24 October 2017

Training Programme

Date	From	To	Content	Trainer
20-10-2017 (Fri)	9:30	10:00	Opening Ceremony, Photo Session	Director, Dr.Endo, Dr.Ogikubo, Dr.Kijima, Dr..Ozawa, Dr.Kawanishi, Dr.Uchiyama, Dr.Shirakawa, Dr.Nakajima
	10:00	12:00	Presentation; Topics for resistance bacteria	Dr.Kijima
			- Some Trends in Salmonella and MRSA	Dr.Kawasnishi
			- Current Situation of Colistin resistance in food-producing animals	Dr.Ozawa
			- ESBL producing <i>E. coli</i>	Dr.Uchiyama
	12:00	13:00	Lunch	
13:00	17:00	Preparation, Lecture		
		Laboratory Work - Identification of MRSA (PCR assay for <i>mecA</i> gene, Inoculation for MRSA selection agar, Detection of PBP2 etc.)	Dr.Uchiyama, Dr.Kawanishi	
17:00	18:00	Move to the Hotel		
Date	From	To	Content	Trainer
23-10-2017 (Mon)	9:30	12:00	Preparation, Lecture	
			Laboratory Work - Identification of ESBL producing <i>E. coli</i> (PCR, Disk method, Pcase etc.)	Dr.Ozawa, Dr.Shirakawa
	12:00	13:00	Lunch	
	13:00	14:00	Laboratory Work	
			- Identification of MRSA (Cont.)	Dr.Uchiyama, Dr.Kawanishi
	14:20	15:40	Coffee break	
15:40	17:00	- Identification of ESBL producing <i>E. coli</i> (Cont.)	Dr.Ozawa, Dr.Shirakawa	
17:00	18:00	- Broth microdilution method	Dr.Kijima, Dr.Shirakawa	
17:00	18:00	Move to the Hotel		
Date	From	To	Content	Trainer
24-10-2017 (Tue)	9:30	10:50	Laboratory Work	
			- Identification of ESBL producing <i>E. coli</i> ; measurement of inhibition zone	Dr.Ozawa, Dr.Shirakawa
	10:50	12:00	- Broth microdilution method (MIC measurement)	Dr.Kijima, Dr.Shirakawa
	12:00	13:00	Lunch	
	13:00	14:30	Reporting, Q&A, Wrap up	Dr.Kijima, Dr..Ozawa, Dr.Kawanishi, Dr.Uchiyama, Dr.Shirakawa
14:30	15:00	Closing Ceremony (issuance of certification)	Director,Dr.Endo, Dr.Ogikubo, Dr.Kijima, Dr.Ozawa, Dr.Kawanishi, Dr.Uchiyama, Dr.Shirakawa, Dr.Nakajima	