

## Regional Short-term Training on Antimicrobial Resistance

### (Basic Course)

Tokyo, Japan, 27-30 November 2023

Training Programme

Date	From	To	Content	Place	Document	Trainer
11.27-2023 (Mon)	10:00	- 10:30	Opening Ceremony, Photo Session		-	WOAH RRAP, NVAL, Veterinary AMR Center
	10:30	- 11:00	Introduction by NVAL - NVAL Overview - Introduction of NVAL as WOAHA Collaborating Centre	Meeting room No.1	Lecture 1	Mariko Ochiai Aki Ogura
	11:05	- 11:15	- Introduction for AMR Training		Lecture 2	Yukari Hiraoka, Veterinary AMR Center
	11:15	- 11:45	Lectures by Veterinary AMR Center Basics of AMR -Resistant mechanisms and AST methods		Lecture 3	Mari Matsuda, Veterinary AMR Center
	11:45	- 12:00	Results of JVARM		Lecture 4	Hideto Sekiguchi, Veterinary AMR Center
	12:00	- 13:15	Lunch			
	13:30	- 15:00	- Broth microdilution method	AMR Lab No.2	Training textbook 1	Saki Harada and Mio Kumakawa, Veterinary AMR Center
			Break			
	15:15	- 17:00	- Disk diffusion method	AMR Lab No.2	Training textbook 2	Yukari Hiraoka and Saki Harada, Veterinary AMR Center
	18:00	- 20:00	Welcome dinner	Restaurant at Tachikawa		
20:00	-	Move to the Hotel				

Date	From	To	Content	Place	Document	Trainer
11.28-2023 (Tue)	9:30	- 10:15	- Broth microdilution method (MIC measurement)	AMR Lab No.2	Training textbook 1	Saki Harada and Mio Kumakawa, Veterinary AMR Center
			Break			
	10:30	- 11:30	- Disk diffusion method; measurement of inhibition zone	AMR Lab No.2	Training textbook 2	Yukari Hiraoka and Saki Harada, Veterinary AMR Center
	11:30	- 12:15	- CBDE Method	AMR Lab No.2	Training textbook 3	Yukari Hiraoka and Mio Kumakawa, Veterinary AMR Center
	12:15	- 13:15	Lunch			
	13:15	- 13:45	- CBDE Method	AMR Lab No.2		Yukari Hiraoka and Mio Kumakawa, Veterinary AMR Center
	13:45	- 15:15	- PCR assay for the detection of antibiotic resistance genes mecA and mcr genes	AMR Lab No.2	Training textbook 4	Mari Matsuda, Veterinary AMR Center
			Break			
15:30	- 17:00	Presentations and discussion	Training room		Presentations from all trainees and discussion Facilitator; Michiko Kawanishi and Yukari Hiraoka	
17:00	- 18:00	Move to the Hotel				

Date	From	To	Content	Place	Document	Trainer
11.29-2023 (Wed)	9:30	- 9:45	- CBDE method (MIC measurement)	AMR Lab No.2	Training textbook 3	Yukari Hiraoka and Mio Kumakawa, Veterinary AMR Center
			Break			
	10:00	- 12:00	- Agar dilution method	Bioassay room in AMR Lab No.2	Training textbook 5	Michiko Kawanishi, Veterinary AMR Center
	12:00	- 13:00	Lunch			
	13:00	- 15:00	- Agar dilution method	Bioassay room in AMR Lab No.2	Training textbook 5	Michiko Kawanishi, Veterinary AMR Center
	15:00	- 16:00	- PCR assay for the detection of antibiotic resistance genes <i>mecA</i> and <i>mcr</i> genes (result review)	AMR Lab No.2	Training textbook 4	Mari Matsuda, Veterinary AMR Center
	16:00	- 17:00	- MALDI TOF-MS (Demonstration)	AMR Lab No.2	Training textbook 6	Mari Matsuda and Saki Harada, Veterinary AMR Center
17:00	- 18:00	Move to the Hotel				

Date	From	To	Content	Place	Document	Trainer
11.30-2023 (Thu)	10:00	- 12:00	- Agar dilution method (MIC measurement)	Bioassay room in AMR Lab No.2	Training textbook 5	Michiko Kawanishi, Veterinary AMR Center
	12:00	- 13:00	Lunch			
	13:00	- 13:20	- Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA)	Meeting room No.1	Lecture 5	Michiko Kawanishi, Veterinary AMR Center
	13:40	- 14:00	- Some trials for breakpoint setting		Lecture 6	Mio Kumakawa, Veterinary AMR Center
	14:00	- 14:20	- AMU data collection, analysis and report		Lecture 7	Mari Matsuda, Veterinary AMR Center
	14:20	- 14:40	- JVARM monitoring for companion animals		Lecture 8	Saki Harada, Veterinary AMR Center
			Break			
	15:00	- 15:15	Reporting, Q&A, Wrap up			IVAL, Veterinary AMR Center
15:15	- 15:30	Closing Ceremony (issuance of certification)				