Rakuno Gakuen University
School of Veterinary Medicine
WOAH Collaborating Centre for Food Safety
World Organisation for Animal Health

WOAH Collaborating Centre for Diagnosis and Control of Animal Diseases and Related Veterinary Product Assessment in Asia
NVAL
World Organisation for Animal Health

WOAH Laboratory Training on AMR Surveillance in Terrestrial / Aquatic Food Animals

Rakuno Gakuen University (RGU) and National Veterinary Assay Laboratory (NVAL), Japan

29th June - 3rd July 2026

29th June 2026

From		To	Content	Resource person
9:15	-	9:30	Registration	RGU
9:30	-	10:00	Opening event	RGU, NVAL and WOAH
10:00	-	10:45	Introduction of WOAH	Dr Genta Kawai, WOAH
10:45	-	11:00	Lecture: Global Database on Antimicrobial Agents Intended for Use in Animals and WOAH involvements	Dr P. Suwanthada, WOAH
11:00	-	11:15	Break	
11:15	-	11:45	Prevalence and Antimicrobial Resistance Profiles of Escherichia coli in Frozen Chicken Meat in Fiji	Ms Deepika LATA, PhD student and Focal Point for laboratory, Fiji
11:45	-	12:15	Participants' presentation on the current situation of AMU/AMR in Bangladesh and their roles to support national monitoring system	All participants
12:15	-	13:30	Lunch break	
13:30	-	13:50	Lecture: Importance of Susceptibility Testing	Prof. Usui, RGU
13:50	-	14:15	Introduction of laboratory Training: Antimicrobial susceptibility testing - Agar dilution method - Disk diffusion method - Broth microdilution method	Prof. Usui, RGU
14:15	-	14:30	Break	
14:30	-	16:30	Practical: Bacterial Strain Preparation	Prof. Usui, RGU

30th June 2026

From		To	Content	Resource person
10:00	-	11:00	Practical: AST - the agar dilution method	Prof. Usui, RGU
11:00	-	11:15	Practical: AST - microbroth dilution	Prof. Usui, RGU
11:15	-	11:30	Break	
11:30	-	12:00	Practical: AST - disk diffusion method	Prof. Usui, RGU
12:00	-	13:30	Lunch break	
13:30	-	15:15	Practical: AST - continue	Prof. Usui, RGU
15:15	-	15:30	Break	
15:30	-	17:00	Practical: AST - continue	Prof. Usui, RGU

1st July 2026

From		To	Content	Resource person
9:30	-	10:15	Practical: AST – Result, interpretation and discussion.	Prof. Usui, RGU
10:15	-	10:30	Break	
10:30	-	11:30	Practical: AST – Result, interpretation and discussion.	Prof. Usui, RGU
11:30	-	13:00	Lunch break	
13:00	-	15:00	Lecture on epidemiology (1), (2) - Spatio-temporal epidemiology of animal and human rabies in northern South Africa between 1998 and 2017.pdf - Final stages of dog rabies_Zoonoses and Public Health.pdf	Prof. Makita, RGU
15:00	-	15:15	Break	
15:15	-	17:00	Practice: epidemiological indicators	Prof. Makita, RGU

2nd July 2026

From		To	Content	Resource person
9:45	-	10:00	Bangladesh's livestock production	All participants
10:00	-	11:00	Lecture: Risk analysis - Decision-making structure and nudges for Japanese pig farmers to implement biosecurity measures against classical swine fever outbreaks.pdf	Prof. Makita, RGU

			- Quantitative release assessment beta-lactamase-producing Escherichia coli of dairy origin into vegetables.pdf	
11:00	-	11:15	Break	
11:15	-	12:00	Lecture: The factors associated with the use of important human antimicrobials	Prof. Makita, RGU
12:00	-	13:00	Lunch break	
13:00	-	13:40	Role-play game on AMR management	Dr. Ukita, RGU
13:40		14:00	Presentation and comments for the role-play game	Dr. Ukita, RGU
14:00	-	15:00	Group discussion on the gap in surveillance	Dr. Ukita, RGU/ Prof. Makita, RGU
15:00	-	15:15	Break	
15:15	-	16:00	Development of the Action plan (either group or individual)	Prof. Makita, RGU
16:00	-	16:30	Presentation on the Action plan and comments	Prof. Makita, RGU
16:30	-	17:00	Closing remark	Prof. Makita, RGU
17:00	-	23:00	Travel from Hokkaido to Hamamatsu-cho	WOAH

3rd July 2026

From		To	Content	Resource person
9:00	-	11:30	Travel from Hamamatsu-cho to Tsukuba	WOAH
11:30	-	13:00	Lunch with NVAL staff	WOAH
13:00	-	13:30	Travel to NVAL	NVAL
14:30	-	14:45	Opening event	NVAL, WOAH
14:45	-	15:00	Presentation: Introduction of NVAL and activities as a WOAH Collaborating Centre	Dr. SAEKI, NVAL
15:00	-	15:15	Presentation: AMR Strategy in the Veterinary Sector including Japan's Monitoring System for AMU and AMR	Dr. HOSOI, NVAL
15:15	-	15:30	Presentation: Activities of VICH	Dr. OCHIAI, NVAL
15:30	-	16:40	Facility Tour	Dr. KAWANISHI, Dr. KOBAYASHI, NVAL
16:40	-	16:50	Closing event, Photo Session	NVAL, WOAH
16:50	-	17:00	Post-event evaluation	WOAH