



Regional Hands-on Laboratory Training on PRRS and Other Swine Disease Diagnosis

13-17 April 2015, Beijing, China

Agenda

DAY 1	MONDAY	
8:30 - 9:00	Registration	
9:00 - 9:20	Opening session	
	Remarks by China	CVO of China
	Remarks by OIE RRAP	Hirofumi Kugita
9:20 - 9:35	Introduction of CADC, RL	Shengpeng Xin
9:35 - 9:45	Outline of the training	Xinyan Zhai
9:40 - 9:50	Group photo	
9:50 - 10:10	Tea break *	
10:10 - 11:50	Country report: brief national swine disease diagnostic systems and main constraints (Mongolia , Cambodia , Chinese Taipei , Indonesia , Laos , Myanmar , Philippines , Thailand and Vietnam)	Xinyan Zhai
11:50 - 12:00	Discussion and set trainees into 2 groups	Zhi Zhou
12:00 - 13:00	Lunch	
13:00 - 13:20	General procedures of collection, submission and storage of live viral diagnostic specimens	Lin Yuan
13:20 - 15:10	Group 1: cell culture (Marc-145), cell passage	Lin Yuan
	Group 2: Instruction of fluorescent antibody test (FAT), immunoperoxidase monolayer assay (IPMA), virus neutralisation test (VN) for PRRSV and CSFV	Zhi Zhou
15:10 - 17:00	Groups rotated	
18:00 - 19:30	Welcome dinner	Hirofumi Kugita

DAY 2	TUESDAY	
8:30 - 9:30	General standards for managing biorisk in the veterinary laboratory	Xinyan Zhai
9:30 - 9:50	Discussion	Xinyan Zhai
9:50 - 12:00	General procedures of tissue specimens collection, preparation for virus isolation (saliva, tissue grinding, RT-PCR test preparedness)	Lin Yuan
12:00 - 13:00	Lunch	
13:00 - 15:00	PRRSV isolation and culture (Group 1)	Lin Yuan
	Practice of PRRS serological tests (FAT/IPMA) (Group 2)	Zhi Zhou
15:00 - 17:00	Groups rotated	
DAY 3	WEDNESDAY	
8:30 - 10:00	Instruction of fluorescence real-time RT-PCR for PRRSV/FMDV/PEDV	Jiajun Wu
10:00 - 10:30	Discussion	
10:30 - 12:00	Practice of PRRSV VN test	Jiajun Wu
12:00 - 13:00	Lunch	
13:00 - 17:00	Practice of PRRSV real-time RT-PCR	Jiajun Wu
DAY 4	THURSDAY	
8:30 - 9:30	Instruction of ELISA for PRRSV/FMDV/CSFV	Yingyi Liu
9:30 - 9:50	Discussion	Yingyi Liu
9:50 - 12:00	Practise of ELISA for PRRSV	Yingyi Liu
12:00 - 13:00	Lunch	Yingyi Liu
13:00 - 15:00	Interpretation of results of ELISA	Yingyi Liu
15:00 - 17:00	Observation of cytopathic effect (CPE) of PRRSV	Lin Yuan
18:00 - 19:30	CADC farewell dinner	Weisheng Chen
DAY 5	FRIDAY	
8:30 - 9:30	Instruction of TCID50	Zhi Zhou
9:30 - 9:50	Discussion	Zhi Zhou
9:50 - 12:00	Observation of TCID50 and VN	Lin Yuan
12:00 - 13:00	Lunch	
13:00 - 15:00	Summarisation and discussion for further cooperation	Xinyan Zhai
15:00 - 17:00	Wrap up, certification offering	OIE/CADC
	Close training	

* Morning / afternoon tea breaks are available in a flexible time during the training.