

Provisional Agenda

WOAH Regional Capacity Training on Priority Animal Disease Control and Prevention in Asia and the Pacific

International Seminar on Priority Animal Diseases

Qingdao. P. R. China

14 – 15 September 2026

Day 1, 14 September 2026		
Time	Theme	Chair/Speaker
8:30 – 9:00	Registration	WOAH/CAHEC
9:00 – 9:30	Opening session	Chair: WOAH
9:00 – 9:30	Remarks by MARA	Ms Yuhui Hou, Director, Division of International Cooperation, Bureau of Animal husbandry and Veterinary Services, MARA
	Remarks by CAHEC	Dr Lin Yang, Director General, CAHEC
	Welcome Remarks by WOAH	Dr Tomoko Ishibashi Regional Representative WOAH RRAP
	Rationale and Objectives of the Training	Dr Sam Castro WOAH RRAP
	Introduction of Participants	All participants
9:30 – 10:00	Group Photo and Tea break	
	Session 1: Transboundary Animal Diseases – African Swine Fever (ASF)	Chair: Dr Hualei Liu
10:00 – 10:20	Global Status of African Swine Fever and China's Biosecurity Control Strategies	Dr Shengqing Ge CAHEC
10:20 – 10:40	WOAH Regional Activities on ASF	Dr Sam Castro
10:40 – 12:00	Member Case Studies - Timor Leste – Smallholder engagement - New Caledonia - Nepal Q and A	
12:00 – 13:00	Lunch Break	
	Session 2: Transboundary Animal Diseases – Lumpy Skin Disease (LSD)	Chair: WOAH
13:00 – 13:20	Lumpy Skin Disease: Global Trends, Dynamics, and WOAH Diagnostic Standards	Dr Lin Li

13:20 – 13:40	WOAH Regional Activities on LSD	Dr Genta Kawai
13:40 – 14:20	Member Case Studies • Cambodia • Indonesia • Sri Lanka Q and A	
14:20 – 14:50	Tea break	
	Session 3: Transboundary Animal Diseases – Peste des Petits (PPR)	Chair: Dr Xiaoxu Fan
14:50 – 15:10	Updates on PPR diagnostics and global disease status	Dr Jingyue Bao
15:10 – 15:30	WOAH Regional Activities on PPR	Dr Kinzang Dukpa
15:30 – 16:10	Member Case Studies • Vietnam • Bangladesh • Mongolia Q and A	
	Session 4: Zoonotic Diseases – Avian Influenza and other avian diseases	Chair: Dr Xiaoxu Fan
16:10 – 16:30	Transboundary Avian Diseases: Global Status, WOA Diagnostic techniques, Prevention and Control Strategies	Dr Hualei Liu
16:30 – 16:50	WOAH Regional Activities on Avian Influenza and other avian diseases	Dr Sam Castro
16:50 – 17:30	Member Case Studies • China • Brunei • Philippines Q and A	Dr Xianlong Zhao
17:30	Day Wrap - up	
19:00 onwards	Welcome dinner	
End of Day 1		

Day 2, 15 September 2026		
Time	Theme	Chair/Speaker
9:00 – 9:10	Day 1 recap	
	Session 5: Zoonotic Diseases – Zoonotic Tuberculosis	Chair: WOA
9:10 – 9:30	WOAH Standards, Disease Situation and Activities	Dr Kinzang Dukpa
9:30 – 9:50	Situation and Future Prospects of Zoonotic TB Prevention and Control in China	Dr Xiaoxu Fan
9:50 – 10:30	Member Case Studies or CAHEC activities on zTB • China – Response to a Zoonotic Disease Outbreak: Practices and Insights • Bhutan • Malaysia Q and A	Dr Zheng Zen
10:30 – 10:50	Tea break	

	Session 6: Gaps and Expectation for the Training: Identify gaps, and training needs for the future	Chair: WOAHC/CAHEC
10:50 – 11:10	Review of Trainings in 2025	Dr Peng Li
11:10 – 11:30	Mentimeter and Discussion (Identify gaps on daily work of trainees, training */needs)	WOAH/CAHEC
11:30 – 11:45	Seminar Wrap-up	
11:45 – 12:00	Closing Programme	
	End of Seminar	

WOAH Regional Capacity Training on Priority Animal Disease Control and Prevention in Asia and the Pacific

Qingdao, P. R. China

15 - 18 September 2026

WOAH Regional Hands-on Training on African Swine Fever (ASF) Diagnosis

Time	Theme	Speakers/ participants	Chair
Day 1 (Agenda: Sep 14 (Mon), full day – Sep 15 (Tue), morning, drafted by Dr. Lushi Liu)			
Day 2 (Agenda: Sep 14 (Mon), full day – Sep 15 (Tue), morning, drafted by Dr. Lushi Liu)			
13: 00 - 13:30	Depart from 369 Nanjing Road Base to Hongdao Base of CAHEC	All participants	
13: 30 - 14:00	Visiting Swine Exotic Disease Surveillance and Research Center	Dr. Jinming Li	
14: 00 - 15:00	Participants to Introduce National Animal Disease Surveillance Systems and Their Available Laboratory Techniques	All participants	
15: 00 - 15:30	Break		
15: 30 - 16:20	Lecture 1: Introduction to the Detection Workflow of Real-time PCR for Clinical Samples	Dr. Jin Cui	
16:20 - 17:00	Back to hotel	All participants	
Day 3			
8:20 – 9:00	Depart from hotel to Hongdao base of CAHEC	All participants	
9: 00 - 11:30	Exercise 1: Clinical Sample Processing and DNA extraction Exercise 2: RealTime-PCR for ASFV <u>Note: Tea break will be served during the exercises</u>	Dr. Jin Cui Dr. Yongxin Hu Dr. Bo Ni Dr. Xing Chang All participants	
11: 30 - 13:30	Lunch		

		Dr. Jin Cui
13:30	–	Dr. Yongxin Hu
16:20	–	Dr. Bo Ni
	Exercise 3: Data analysis of RealTime-PCR for ASFV	Dr. Xing Chang
	Exercise 4: Rapid RealTime-PCR for ASFV	All participants
	<u>Note: Tea break will be served during the exercises</u>	
16:20	–	
17:00	–	Back to hotel

Day 4

8:20 – 9:00	Depart from hotel to CAHEC	All participants
9:00 – 11:30	Lecture 2: Research Progress on ASFV Vaccine and Differential Diagnostic Methods for Engineered Gene-Deletion Mutant	Dr. Shengqiang Ge
	Exercise 5: Triplex qPCR Assay Kit for Differential Detection of ASFV Gene-Deletion Mutant	Dr. Yongqiang Zhang
	<u>Note: Tea break will be served during the exercises</u>	Dr. Yongxin Hu
		Dr. Bo Ni
		Dr. Jin Cui
		Dr. Xing Chang
		All participants
11:30	–	
13:30	–	Lunch break
13:30	–	Lecture 3: Differential Diagnostic Methods for Various African Swine Fever Virus Strains in China
16:20	–	Exercise 6: Triplex qPCR Methods for Differentiating Genotype I/II Recombinant Virus from Genotype I and Genotype II ASFV Strains
	<u>Note: Tea break will be served during the exercise</u>	Dr. Yongxin Hu
		Dr. Bo Ni
		Dr. Jin Cui
		Dr. Xing Chang
		All participants
16:20	–	
17:00	–	Back to hotel

Day 5

8:20 – 9:00	Depart from hotel to CAHEC	All participants
9:00 – 11:30	Lecture 4: Introduction to Blocking ELISA Antibody Detection Method	Dr. Weijie Ren
	Exercise 7: Blocking ELISA Antibody Detection Method for ASFV	Dr. Yanli Zou
	<u>Note: Tea break will be served during the exercises</u>	Dr. Yongxin Hu
		Dr. Bo Ni
		Dr. Jin Cui
		Dr. Xing Chang
		All participants
11:30	–	
13:00	–	Lunch break



13:00	–	Depart from Hongdao Base of CAHEC to 369 Nanjing		
13:30		Road Base		
13:30	–	Future plans and Certificate Issuing	leaders	of
14:30			CAHEC	
14:30	–	Closing remark from CAHEC	leaders	of
15:30		Closing remark from WOA	CAHEC	
			WOAH officers	
15:30	–	Visiting YEBIO Bioengineering Company (Pending		
17:30		Approval)	All participants	
17:30		Back to hotel		



AGENDA

WOAH Regional Hands-on Training on Priority Diseases in Asia and the Pacific

Qingdao. P. R. China

14-18 September 2026

WOAH Regional Hands-on Training on Zoonotic TB Diagnosis

From	To	Programme	Presenter/Facilitator
Day 1 (14 September) and Day 2 (until morning of 15 September) - International Seminar on Priority Animal Diseases to be held at Grand Skylight Hotel Qingdao			
Day 2 Tuesday 15 September 2026			
13:00	13:30	Depart from 369 Nanjing Road Base to Hongdao Base of CAHEC	All participants
13:30	14:00	Presentations from 3 Members on follow-up action taken since the hands-on training in 2025	Indonesia, Nepal, Sri Lanka
Session 2.1 Delayed hypersensitivity skin tests			
14:00	14:15	Pre-training quiz time (15-20 questions)	CAHEC and WOAHA
14:15	15:30	• Principle of tuberculin skin testing (TST) • Procedures for administering and reading reactions • Interpretation and limitations • Practical demo /videos Coffee break to be served during training	SUN Mingjun
Session 2.2 Bacterial culture techniques			
15:30	16:30	• Handling of positive samples • Principles and methods of culturing <i>Mycobacterium bovis</i>, isolation and identification Coffee break to be served during training	TIAN Lili
16:30	17:00	Q&A and feedback	CAHEC/WOAH
17:00	17:30	Back to the Hotel by minibus	
Day 3 Wednesday, 16 September 2026			
8:30	9:00	Depart from hotel to Hongdao Base of CAHEC	All participants
Session 3.1 Hands-on laboratory training: Interferon Gamma Release Assay (IGRA)			
9:00	9:15	Recap of previous day (participant)	SUN Mingjun, TIAN Lili
9:15	10:30	• Immunological basis of IGRA for TB detection • Sample collection and processing	ZHANG Haobo LIU Mengda

		- Advantages of traditional skin testing - A self-developed novel IGRA method Coffee break to be served during training	
10:30	12:30	Practical on the processing and incubation of simulated whole blood samples	ZHANG Haobo, LIU Mengda, QI Fei
12:30	13:30	Lunch	
13:30	14:30	IGRA – Continue practical training on the collection of supernatant liquid and ELISA for gamma interferon	ZHANG Haobo, QI Fei
Session 3.2 Enzyme-Linked Immunosorbent Assay (ELISA) Antibody Test			
14:30	15:30	- Recap of previous day (Participant) - Mechanism and application in bovine TB diagnosis - Protocol for conducting ELISA in the lab - Data interpretation and troubleshooting Coffee break to be served during training	JIN Jihui
15:30	16:30	ELISA practical and reading of results	ZHANG Haobo, QI Fei
16:30	17:00	Q&A and feedback	CAHEC/WOAH
17:00	17:30	Travel back to the hotel	
Day 4 Thursday, 17 September 2026			
8:30	9:00	Depart from hotel to Hongdao Base of CAHEC	All participants
Session 4.1 PCR-Based Detection of Mycobacterium Bovis			
9:00	9:15	Recap of previous day (participant)	ZHANG Haobo, YAN Xin
9:15	10:30	- Overview of molecular diagnostics (qPCR) in TB detection - On-site RAA (Recombinase Aided Amplification) rapid testing Coffee break to be served during training	SUN Xiangxiang
10:30	12:30	Practical on the processing of DNA extraction & qPCR & RAA	SUN Xiangxiang, LIU Mengda, ZHANG Haobo
12:30	13:30	Lunch	
Session 4.2 Digital PCR & Quality Control and Compliance			
13:30	15:30	- Principles and of Digital PCR Technology - Operation Demonstration Coffee break to be served during training	YAN Xin

15:30	16:30	• Standard operating procedures in TB diagnostics • Good Laboratory Practice (GLP) • Accreditation and regulatory compliance • Common pitfalls and troubleshooting diagnostic errors	NAN Wenlong
16:30	17:00	Q&A and feedback	CAHEC/WOAH
17:00	17:30	Back to the hotel	
Day 5 Friday, 18 September 2026			
8:30	9:00	Depart hotel for Hongdao base	
Session 5.1 Histopathology and Microscopy			
9:00	9:15	Recap of previous day (participant)	SUN Xiangxiang, JIN Jihui
9:150	10:30	• Identification of lesions in infected animals • Staining techniques for TB bacteria (Ziehl-Neelsen) • Microscope usage and best practices Coffee break to be served during training	LIU Mengda
10:30	11:30	Practical on the processing of milk samples and microscopic examination	LIU Mengda. LI Jiaqi
Session 5.2 Laboratory proficiency testing			
11:30	12:30	• Discussions on laboratory proficiency testing • Identification of countries interested in pursuing PT schemes (CAHEC plans to send nucleic acid samples with PCR kits with the participants on return)	FAN Xiaoxu
12:30	13:00	Lunch	
Session 5.3 Closing and Visiting a veterinary vaccine company			
13:30	14:00	• Post-training quiz time (15-20 questions) • WOAH event evaluation	
14:00	14:30	Certificate ceremony	CAHEC
14:30	17:00	• Visit Yebio Vaccine Company	
17:00	17:30	Back to the hotel	
End of the training			

Provisional Agenda (Avian Diseases)

**WOAH Regional Capacity Training on Priority Animal Disease Control and Prevention in Asia
and the Pacific**

CAHEC, Qingdao, P.R. China, 16-18 September 2026

Day 1, Wednesday, 16 September 2026		
Time	Theme	Chair/Speaker
8:30 – 9:00	Registration	RRAP/CAHEC
9:00 – 9:45	Opening session	
9:00 – 9:30	Welcom remarks by CAHEC	Dr. Hualei Liu
9:30 – 10:00	Introduction of participants	All participants
10:00 – 11:30	Session 1: Hands-on training	Chair/Participants
10:00 – 11:20	Exercise 1: RNA extraction	Dr. Xiaohui Yu Dr. Cheng Peng All participants
11:20 – 13:30	Lunch break	
13:30 – 16:00	Session 2: Hands-on training	Chair/Participants
13:30 – 16:00	Exercise 2: Real-time RT-PCR for Newcastle disease virus Exercise 3: Real-time RT-PCR for avian influenza virus <u>Note: Tea break will be served during the exercises</u>	Dr. Xiaohui Yu Dr. Cheng Peng All participants
16:00 – 16:40	Session 3: Keynote lecture	Speaker
16:00 – 16:40	Newcastle Disease: Global Situation, Diagnosis and Effective Control Strategies	Dr. Xiaohui Yu
18:00 – 20:00	dinner	
End of Day 1		

Day 2, Thursday, 17 September 2026		
Time	Theme	Chair/Participants
8:30 – 9:00	Depart from hotel to CAHEC	All participants
9:00 – 11:30	Session 4: Hands-on training	Chair/Participants
9:00 – 11:30	Exercise 4: HA test and preparation of 4HAU <u>Note: Tea break will be served during the exercises</u>	Dr. Jingjing Wang Dr. Shuo Liu All participants
11:30 –13:30	Lunch break	
13:30 – 16:00	Session 5: Hands-on training	Chair/Participants
13:30 – 16:00	Exercise 5: HI test <u>Note: Tea break will be served during the exercise</u>	Dr. Jingjing Wang Dr. Shuo Liu All participants
16:00 – 16:40	Session 6: Keynote lecture	Speaker
16:00 – 16:40	Avian influenza surveillance, Diagnosis and control strategy in China	Dr. Shuo Liu
16:40 – 17:10	Back to hotel	
End of Day 2		

Day 3, Friday, 18 September 2026		
Time	Theme	Chair/Participants
8:30 – 9:00	Depart from hotel to CAHEC	All participants
9:00 – 11:30	Session 7: Hands-on training	Chair/Participants
9:00 – 11:30	Exercise 6: Phylogenetic tree construction Exercise 7: Real-time RT-PCR for Infectious Bronchitis Virus	Dr. Jingjing Wang Dr. Shuo Liu Dr. Huixin Zhu All participants
11:30 –13:30	Lunch break	
13:30 – 16:30	Future plans and Certificate Issuing	All participants
16:30 – 17:30	Back to hotel	
End of Day 3		

DRAFT AGENDA

WOAH Regional Capacity Training on Priority Animal Disease Control and Prevention in Asia and the Pacific

Qingdao, P. R. China

15 - 18 September 2026

WOAH Regional Hands-on Training on Lumpy Skin Disease (LSD) Diagnosis

Day 1, Tuesday, 15 Sep 2026, CAHEC		
Time	Theme	Chair/Participants
13:30-15:30	Exercise 1: Virus Isolation: - Cell and sample preparation, - inoculation, - viral culture	Exercise 1: Dr YU Jiarong WANG Xiaozhen All participants
15:30 – 17:00	Members' presentation: status of LSD in members -Q&A	Dr BAO Jingyue All participants
End of Day 1		

Day 2, Wednesday, 16 Sep 2026, CAHEC		
Time	Theme	Chair/Participants
9:00 –11:30	Exercise 2: ELISA for LSDV antibody	Exercise 2: Dr LIU Yutian Dr LIU Shuang Dr Zhang Zhicheng All participants
11:30 - 13:30	Lunch break	
13:30 – 16:30	Exercise 3: Real-time PCR for LSDV: - sample preparation, - viral RNA extraction, - Real-time PCR - results analysis	Exercise 3: Dr LI Lin Dr FANG Linlin Dr ZHENG Hui All participants
End of Day 2		

Day 3, Thursday, 17 Sep 2026, CAHEC		
Time	Theme	Chair/Participants
9:30-11:30	Exercise 4: Conventional PCR: - PCR operation - gel electrophoresis - results analysis	Exercise 4: Dr WANG Qinghua Dr WANG Yingli All participants
11:30-13:30	Lunch break	

13:30- 16:00	Exercise 5: Antibody test strip for LSDV antibody	Dr LI Lin All participants
End of Day 3		

Day 4, Thursday, 18 Sep 2026, CAHEC		
Time	Theme	Chair/Participants
9:00 – 11:30	Exercise 6: Multienzyme Isothermal Rapid Amplification (MIRA) for LSDV Exercise 2: Virus Isolation: - Observation of cytopathic effect (CPE)	Dr YU Jiarong Dr LI Lin All participants
11:30-13:30	Lunch break	
13:30-14:30	Interpretation of results	
14:30-16:00	Groups’ Discussion -Q&A	
16:00-16:30	Closing Ceremony	
End of Day 4		

DRAFT AGENDA

WOAH Regional Capacity Training on Priority Animal Disease Control and Prevention in Asia and the Pacific

Qingdao, P. R. China
15 - 18 September 2026

WOAH Regional Hands-on Training on Peste des Petits Ruminants (PPR) Diagnosis

Day 1, Tuesday, 15 Sep 2026, CAHEC		
Time	Theme	Chair/Participants
13:30 – 15:00	Exercise 1: Real-time qPCR for PPRV: sample preparation, viral RNA extraction, qPCR	Dr WANG Qinghua WANG Yingli All participants
15:00 – 16:00	Exercise 2: Conventional RT-PCR: PCR operation	Dr WANG Qinghua Dr WANG Shujuan
16:00 – 17:00	Members' presentation: status of PPR in members -Q&A	Dr BAO Jingyue All participants
End of Day 1		

Day 2, Wednesday, 16 Sep 2026, CAHEC		
Time	Theme	Chair/Speaker
9:00 – 11:30	Exercise 3: Virus Isolation: Cell and sample preparation, inoculation, viral culture and confirmatory tests	Dr YU Jiarong WANG Xiaozhen All participants
11:30 – 13:30	Lunch break	
13:30 – 14:30	Exercise 4: Conventional RT-PCR: Gel electrophoresis, results analysis	Dr WANG Qinghua Dr WANG Shujuan
14:30 – 16:30	Exercise 5: Multienzyme Isothermal Rapid Amplification (MIRA) analysis: Sample preparation, viral RNA extraction, MIRA operation, results analysis (Fluorescence, Lateral Flow strip)	Dr XU Jiao
End of Day 2		

Day 3, Thursday, 17 Sep 2026, CAHEC		
Time	Theme	Chair/Participants
9:30 – 11:30	Exercise 6: ELISA for PPRV antibody	Dr LIU Shuang Dr LIU Yutian Dr Zhang Zhicheng All participants
11:30 – 13:30	Lunch break	
13:30 – 14:30	Exercise 7: Antibody test strip for PPRV antibody	Dr LIU Yutian
14:30 – 16:00	Exercise 8: droplet digital PCR for PPRV	Dr XU Jiao
16:00 – 16:30	Introduction of ISO/IEC 17025	Dr. Liu Yutian

		All participants
End of Day 3		

Day 4, Thursday, 18 Sep 2026, CAHEC		
Time	Theme	Chair/Participants
9:00 – 10:00	Presentation: Update of Peste des Petits Ruminants Virus Detective Methods	Dr Xu Jiao All participants
10:00 – 11:00	Exercise 9: Differential diagnostic RT-PCR for wild strain and vaccine strain.	Dr Xu Jiao
11:00 – 11:30	Exercise 6:Virus Isolation: Observation of cytopathic effect (CPE)	Dr YU Jiarong All participants
11:30 – 13:30	Lunch break	
13:30 – 14:30	Interpretation of results	
14:30 – 15:30	Groups’ Discussion -Q&A	
15:30-16:30	Closing Ceremony	
End of Day 4		