

**The 6<sup>th</sup> Annual Veterinary Diagnostics Conference**  
June 14-16, 2025, Nanjing, China



**Draft Program**

*Robust diagnostics for enhanced animal health and food safety*

June 14	Pre-conference Mini Symposium, on-site registration, poster set up, and exhibition opening
8:30am - Noon	<p><b>Mini symposium 1 - Swine disease diagnostics I</b> (Sponsored by Guangzhou YoYoung Biotech. Co., LTD.)  <i>Chair: Jianqiang Zhang, Jianzhong Zhu</i></p> <p>8:30am - <b>Refining genetic classification of PRRSV-1 based on global ORF5 sequences and investigating their geographic and temporal distributions</b>, Jianqiang Zhang, Iowa State University</p> <p>9:00am - <b>Update on African swine fever outbreaks and vaccine development in Vietnam</b>, Le Van Phan, Vietnam National University of Agriculture</p> <p>9:30am - <b>Sponsor Presentation</b></p> <p>10:00am - <b>Break</b></p> <p>10:30am - <b>Application of NGS in the US swine industry</b>, Giovanni Trevisan, Iowa State University</p> <p>11:00am - <b>Immunological diagnosis of African swine fever and porcine reproductive and respiratory syndrome</b>, Jianzhong Zhu, Yangzhou University</p> <p>11:30am - <b>Construction of disease surveillance and monitoring systems for swine farms</b>, Anding Zhang, Huazhong Agricultural University</p>
	<p><b>Mini symposium 2 – Poultry disease diagnostics I</b>  <i>Chair: Jianmin Zhang, Mohamed El-Gazzar</i></p> <p>8:30am - <b>Bacterial pathogens and their diverse role in poultry diseases</b>, Mohamed El-Gazzar, Iowa State University</p> <p>9:00am - <b>Current epidemiological characteristics and pathological diagnosis of the poultry diseases</b>, Sidang Liu, Shandong Agricultural University</p> <p>9:30am - <b>Sponsor Presentation</b> (Invitation in progress)</p> <p>10:00am - <b>Break</b></p> <p>10:30am - <b>Pathogenicity and transmission studies of H5N1 and H9N2 avian influenza viruses</b>, Honglei Sun, China Agricultural University</p> <p>11:00am - <b>A novel monoclonal antibody differentiates highly pathogenic serotype 4 fowl adenovirus through targeting 188R in the Hexon</b>, Jianqiang Ye, Yangzhou University</p> <p>11:30am - <b>Research on precise intelligent detection technology for important poultry pathogens</b>, Jianmin Zhang, South China Agricultural University</p>
	<p><b>Mini symposium 3 – Ruminant disease diagnostics I</b></p>

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	<p><i>Chair: Chong Ma, Chuang Xu</i></p> <p>8:30am - <b>Export diagnostics from a private practitioner's perspective – are these tests really the best and most helpful for your export requirements?</b> <i>Dr. Em Mowrer, Stonehouse Veterinary Service, LLC</i></p> <p>9:00am - TBD, <i>Changmin Hu, Huazhong Agricultural University</i></p> <p>9:30am - <b>Progress in the diagnosis and treatment of bovine endometritis</b>, <i>Chuang Xu, China Agricultural University</i></p> <p>10:00am - <b>Break</b></p> <p>10:30am - <b>Key points in the diagnosis and prevention of mastitis in dairy cows on intensive farms</b>, <i>Heng Wang, Yangzhou University</i></p> <p>11:00am - <b>Molecular epidemiology and pathogenicity of <i>Mycoplasma bovis</i> isolate in China</b>, <i>Zihao Pan, Nanjing Agricultural University</i></p> <p>11:30am - <b>Comprehensive analysis of calf diarrhea in China: pathogens, diagnostic strategies, and management approaches</b>, <i>Xin Yin, Harbin Veterinary Research Institute</i></p>
	<p><b>Mini symposium 4 – Selected student oral presentations</b></p> <p><i>Chair: Jianfa Bai, Jane Christoper-Hennings</i></p> <p>8:30am - <b>A universal light-regulated highly sensitive one-tube detection platform based on crRNA structural engineering for detection of H5N1 avian influenza in cattle</b>, <i>Jieyu Cui, Agricultural Genomics Institute at Shenzhen Chinese Academy of Agricultural Sciences</i></p> <p>8:45am - <b>Establishment and application of an indirect ELISA method for the detection of porcine reproductive and respiratory syndrome virus N protein</b>, <i>Wanyue Liu, China Agricultural University</i></p> <p>9:00am - <b>Development and application of a differentiating infected from vaccinated animals (DIVA)-compatible protein chip platform for dual detection of Seneca virus A VP2-VP3-VP1 and 3AB-3C antibodies in swine</b>, <i>Dexin Li, Yangzhou University</i></p> <p>9:15am - <b>Comparative study on DR imaging evaluation and Ceva lung program (CLP) scoring in ex vivo porcine lungs</b>, <i>Hongxiang Wang, Nanjing Agricultural University</i></p> <p>9:30am - <b>CRISPR-based rapid and precise differentiation of wild-type and vaccine strains of Brucella</b>, <i>Lulu Zhang, Agricultural Genomics Institute at Shenzhen Chinese Academy of Agricultural Sciences</i></p> <p>9:45am - <b>Sponsor Presentation</b> (<a href="#">Invitation in progress</a>)</p>

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	<p>10:00am -<b>Break</b></p> <p>10:30am -<b>Establishment of a quantitative PCR detection method for differential of Brucella S2 vaccine strain</b>, Mingming Xie, Inner Mongolia Agricultural University</p> <p>10:45am -<b>Development and evaluation of immunoglobulin-binding-based ELISA for serological diagnosis of foot-and-mouth disease virus in domestic animals</b>, Yiming Chang, Northeast Agricultural University</p> <p>11:00am -<b>Establishment and application of a competitive chemiluminescent magnetic microparticle immunoassay for detection of the antibodies against Brucella</b>, Guodong Song, Lanzhou Veterinary Research Institute</p> <p>11:15am - <b>Development of a selected media for <i>Streptococcus agalactiae</i></b>, Shaoyan He, Nanjing Agricultural University</p> <p>11:30am - <b>A novel high sensitive, specificity duplex enzyme-activated differentiating probes PCR method for the SNP detection and differentiation of MS-H vaccine strains from wild-type <i>Mycoplasma synoviae</i> strains</b>, Ruidong Liu, South China Agricultural University</p> <p>11:45am - <b>Q&amp;A and Conclusion</b></p>
	<p><b>Mini symposium 5 – Workshop on PCR lab testing</b></p> <p>Instruction: <i>Guangjin Liu, Zongfu Wu</i></p> <p>Hosting Institution: Nanjing Agricultural University—OIE Reference Laboratory for <i>Streptococcus suis</i></p> <p>Training Content:</p> <ol style="list-style-type: none"> <li>1. Key points for clinical sample collection</li> <li>2. qPCR principles and precautions: taking African Swine Fever and <i>Streptococcus suis</i> as examples</li> <li>3. Hands-on qPCR training: taking <i>Streptococcus suis</i> as an example</li> </ol> <p>Duration: 3 hours</p> <p>Location: Room 4048, Yifu Building, Weigang Campus, Nanjing Agricultural University</p> <p>Participants: Group-based AVDC registrants, no more than 30 people in total</p> <p>(Now accepting sponsors)</p>
1:30pm -5:00pm	<p><b>Mini symposium 6 - Swine disease diagnostics II (Sponsored by Janzy Bio Technology)</b></p> <p>Chair: <i>Giovani Trevisan, Wentao Li</i></p> <p>1:30pm - <b>The diagnostic process and integration of laboratory diagnostic data for epidemiological decisions</b>, <i>Giovani Trevisan, Iowa State University</i></p>

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	<p>2:00pm - <b>Creation and breeding of gene edited pigs resistant to porcine reproductive and respiratory syndrome virus</b>, Kui Li, Agricultural Genomics Institute at Shenzhen, Chinese Academy of Agricultural Sciences</p> <p>2:30pm - <b>Advantages of lyophilized reagents and their applications in swine disease diagnostics</b>, TBD</p> <p>3:00pm - <b>Break</b></p> <p>3:30pm - <b>Current epidemiological situation and research progress in diagnostic methods of porcine epidemic diarrhea</b>, Wentao Li, Huazhong Agricultural University</p> <p>4:00pm - <b>Laboratory detection and surveillance of porcine reproductive and respiratory syndrome</b>, Zhendong Zhang, Yangzhou University</p> <p>4:30pm - <b>Design of a disease monitoring and detection system for swine farms</b>, Kangning Zhao, Nanjing Agricultural University</p>
	<p><b>Mini symposium 7 – Poultry disease diagnostics II</b> <i>Chair: Yipeng Sun, Liping Yan</i></p> <p>1:30pm - <b>Avian metapneumovirus, yet another emerging disease in North America</b>, Mohamed El-Gazzar, Iowa State University</p> <p>2:00pm - <b>Challenges and strategies for the prevention and control of H9N2 avian influenza</b>, Yipeng Sun, China Agricultural University</p> <p>2:30pm - <b>Sponsor Presentation</b> (Invitation in progress)</p> <p>3:00pm - <b>Break</b></p> <p>3:30pm - <b>Establishment and preliminary application of diagnostic methods for avian influenza virus</b>, Liping Yan, Nanjing Agricultural University</p> <p>4:00pm - <b>Development and application of diagnostic technology for poultry immunosuppression diseases</b>, Yongqiang Wang, China Agricultural University</p> <p>4:30pm - <b>Research on Newcastle disease epidemiology, detection and prevention technology</b>, Tao Ren, South China Agriculture University</p>
	<p><b>Mini symposium 8 – Ruminant disease diagnostics II</b> <i>Chair: Chong Ma, Chuang Xu</i></p> <p>1:30pm - <b>Small ruminants – not just a little cow! How to handle parasites and common diseases in these little critters</b>, Dr. Em Mowrer, Stonehouse Veterinary Service, LLC</p> <p>2:00pm - <b>Exploration of tuberculosis quarantine and purification plan for dairy farms</b>, Jie Cao, China Agricultural University</p> <p>2:30pm - <b>Sponsor Presentation</b> (Invitation in progress)</p> <p>3:00pm - <b>Break</b></p>

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	<p>3:30pm - <b>High prevalence of parasites in yaks (<i>Bos grunniens</i>) in Sichuan province, China</b>, Lili Hao, Southwest Minzu University</p> <p>4:00pm - <b>Investigation and analysis of etiology of bovine respiratory diseases in some regions of China</b>, Zilong Cheng, Jiangsu Academy of Agricultural Sciences</p> <p>4:30pm - <b>Current status of milk buffalo industry in Guangxi and diagnosis and treatment of common diseases in buffalo</b>, Jiafeng Ding, Guangxi University</p>
	<p><b>Mini symposium 9 – Transboundary animal disease</b> <i>Chair: Zhen Yang, Xiaoxu Fan</i></p> <p>1:30pm - <b>Introduction of animal disease surveillance and alert program in China</b>, Guoxia Bing, China Animal Disease Prevention and Control Center</p> <p>2:00pm - <b>Current status and control measures of zoonotic Tuberculosis</b>, Xiaoxu Fan, China Animal Health and Epidemiology Center</p> <p>2:30pm - <b>Sponsor Presentation</b> (<a href="#">Invitation in progress</a>)</p> <p>3:00pm - <b>Break</b></p> <p>3:30pm - <b>The pathological diagnosis of transboundary wildlife diseases</b>, Yunsheng Wang, Beijing Zoo</p> <p>4:00pm - <b>Bayesian inference of true annual infection rate of bovine and sheep brucellosis based on data mining</b>, Shubo Li, Liaoning Center for Animal Disease Prevention and Control</p> <p>4:30pm - <b>Differential detection, prevalence and evolution of porcine reproductive and respiratory syndrome virus 1 in China</b>, Nanhua Chen, Yangzhou University</p>
	<p><b>Mini symposium 10 – Aquatic animal disease diagnostics</b> <b>Disease Diagnosis and Prevention in Pacific white shrimp (<i>Litopenaeus vannamei</i>)</b> <i>Chair: Fei Liu, Xihe Wan</i></p> <p>1:30pm - <b>Major shrimp diseases and prevention</b>, Jie Huang, Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences</p> <p>2:00pm - <b>On-site rapid detection techniques for common diseases in Pacific white shrimp</b>, Fei Liu, Nanjing Agricultural University</p> <p>2:30pm - <b>Prevalent viral diseases and detection techniques in aquatic animals</b>, Rui Yuan, Jiangsu Province Fisheries Technology Extension Station</p> <p>3:00pm - <b>Break</b></p> <p>3:20pm - <b>Construction and operation of healthy shrimp seedling screening system for disease prevention</b>, Xihe Wan, Jiangsu Marine Fisheries Research Institute</p>

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	<p>3:50pm - <b>Development of a visual detection method for large yellow croaker iridovirus based on CRISPR/Cas12a technology</b>, Zhen Tao, Zhejiang Ocean University</p> <p>4:20pm - <b>Development of a Pathogen Surveillance and Early Warning System Based on Aquaculture Water</b>, Dan Xu, Shanghai Ocean University</p>			
<b>June 15</b>	<b>Opening and Plenary Sessions</b>			
8:30am	<b>Opening:</b>			
9:00am	<b>Plenary talk 1 – Avian influenza epidemic status in China and development directions of related veterinary detection technologies</b> , Ming Liao, Zhongkai University of Agriculture and Engineering			
9:40am	<b>Plenary talk 2 – The future of veterinary diagnostics: How AI is changing the game</b> , Derick Whitley, Micropath Solutions and Oklahoma State University			
10:20am	<b>Coffee/Tea Break</b>			
10:35am	<b>Hot topics 1 – Avian influenza and differential diagnoses</b> , Francisco (Paco) Uzal, University of California-Davis			
11:10am	<b>Hot topics 2 – AI as an aid in the veterinary diagnostic laboratory</b> , Lin Yuan, Sino-Science Gene			
11:45am	<b>Q&amp;A</b>			
<b>Noon - 1:30pm</b>	<b>Lunch, Visit the exhibition</b>			
1:30pm -3:00pm (Aquatic Animal Disease Diagnostics starts at 1:00pm)	<b>Molecular Diagnostics 1</b> (Sponsored by MGI Tech Co., Ltd) Chair: Suphot Wattanapansak  1:30pm - <b>Extraction free PCR technology</b> , Fuhao Fan, Agriculture Breeding Pig Quality Supervision, Inspection and Testing Center (Guangzhou)	<b>Virology/Serology 1</b> Chair: Jianqiang Zhang  1:30pm - <b>PCR detection frequency and virus isolation of avian metapneumovirus subtypes A and B in the USA</b> , Jianqiang Zhang, Iowa State University  2:00pm - <b>PCV3 antibody detection in multispecies</b>	<b>Microbiology 1</b> Chair: Zongfu Wu  1:30pm- <b>Streptococcus suis</b> diagnosis, Zongfu Wu, Nanjing Agricultural University  2:00pm - <b>Research progress on diagnostic technology of animal trypanosomiasis, a neglected vector-borne</b>	<b>Aquatic Animal Disease Diagnostics</b>  <b>Opening Session and International Exchange of the Public Online Learning Platform for Experimental Pathology</b> Co-Chair: Chunxia Ma, Xiaodan Huang  1:00pm-1:20pm

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	<p>2:00pm -<b>Molecular diagnostic typing for <i>Streptococcus suis</i></b>, Suphot Wattanapansak, Chulalongkorn University</p> <p>2:30pm - <b>Research and industrial applications of fully integrated intelligent automation in animal epidemic prevention and control</b>, Dou Hu, MGI Tech Co., Ltd</p>	<p>serum samples using a double-antigen sandwich ELISA, Xiangdong Li, Yangzhou University</p> <p>2:30pm -<b>Sponsor Presentation</b> (<i>Invitation in progress</i>)</p>	<p>disease, Cheng Du, Harbin Veterinary Research Institute</p> <p>2:30pm-<b>Sponsor Presentation</b> (<i>Invitation in progress</i>)</p>	<p><b>Opening speech:</b> Frank Liu, University of Minnesota</p> <p><b>Report on the 2024 work &amp; 2025 work plan of open online learning platform for experimental pathology</b>, Yi Jin, Shenzhen Institute of Pharmaceutical Inspection (Shenzhen Testing Center of Medical Devices)</p> <p><b>Aquatic animal pathology and pharmacology public welfare network training platform construction and development planning</b>, Xiaoli Huang, Sichuan Agricultural University</p> <p>1:30pm- <b>The international veterinary pathology program of the Davis-Thompson Foundation</b>, Francisco (Paco) Uzal, University of California, Davis</p>
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				<p><b>Aquatic Animal Disease Diagnostics</b> <i>Co-Chair: Youlu Su, Yanming Sun</i></p> <p>1:50pm - <b>Immuno-biological control of important viral diseases in marine cultured fish</b>, <i>Qiwei Qin, South China Agricultural University</i></p> <p>2:10pm - <b>Establishment of chain stores of aquatic disease diagnosis laboratories and early warning of aquatic animal diseases</b>, <i>Haiqing Wang, Guangzhou Double Helix Gene Technology Co., Ltd.</i></p> <p>2:30pm - <b>An overview of the biological and ecological security risks of marine viruses</b>, <i>Qingli Zhang, Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences</i></p>
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				2:50pm - <b>Technical innovations and applications of the desktop fully automatic dropping, HE staining &amp; coverslipping integrated machine,</b> <i>Zhenghao Zhou, Guangdong Jinquan Medical Technology Co., LTD</i>
3:00pm -3:30pm	Coffee/Tea Break, Visit the exhibition			
3:30pm -4:30pm	<b>Strategic partner session</b> ( <a href="#">Invitation in progress</a> )			
4:30pm -5:00pm	<b>Strategic partner session</b> ( <a href="#">Invitation in progress</a> )			
5:00pm -5:30pm	<b>Award ceremony for student oral and poster presentations</b>			
6:00pm -8:00pm	Dinner			
<b>June 16</b>				
8:30am -noon <b>Breakout sessions</b>	<b>New Technologies in Veterinary Diagnostics</b> <i>Chair: Fei Liu</i>  8:30am - <b>Using CRISPR as a broad spectrum pan-genus therapeutic to rapidly respond to viral threats: a case study for African Swine Fever and beyond,</b> <i>Douglas Gladue, Seeklabs</i>  9:00am - <b>Study on rapid on-</b>	<b>AI Applications in Epidemiology and Diagnostic Data Analysis</b> <i>Chair: Wei Zhang</i>  8:30am - <b>From tissue to image: Emerging slide free histology techniques,</b> <i>Derick Whitley, Micropath Solutions and Oklahoma State University</i>  9:00am - <b>Real time animal infection disease diagnosis</b>	<b>Lab Safety and Quality Assurance</b> <i>Chair: Richard French</i>  8:30am - <b>Quality control/assurance in the veterinary diagnostic laboratory,</b> <i>Jane Christopher-Hennings, South Dakota State University</i>  9:00am - <b>Proficiency testing: evaluating your laboratory</b>	<b>Veterinary Pathology</b> <i>Co-Chair: Xiangmei Zhou, Xijun He</i>  8:00am - <b>Public platform for experimental pathology: review, planning, and prospects for comparative pathology cases,</b> <i>Chen-Hsuan Liu, National Taiwan University</i>

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	<p><b>site detection technologies for several major swine pathogens, Fei Liu, Nanjing Agricultural University</b></p> <p>9:30am -<b>Sponsor Presentation</b> (Invitation in progress)</p>	<p><b>based on computer vision, Wei Zhang, Nanjing Agricultural University</b></p> <p>9:30am - <b>Sponsor Presentation</b> (Invitation in progress)</p>	<p><b>networks, Richard French, Global Animal Health Partners, LLC</b></p> <p>9:30am-<b>Sponsor Presentation</b> (Invitation in progress)</p>	<p>8:30am - <b>Comprehensive diagnosis of clinical cases of epidemic pig diseases, Sidang Liu, Shandong Agricultural University</b></p> <p>8:50am - <b>Thoughts on promoting the development and application of pigeon medicines, Yuehuan Liu, Institute of Animal Husbandry and Veterinary Medicine, Beijing Academy of Agriculture and Forestry Sciences</b></p> <p>9:10am - <b>Study on the pathogenic mechanism of liver cell damage caused by <i>Echinococcus granulosus</i>, Shaohua Zhai, Xinjiang Agricultural University</b></p> <p>9:50am - 10:20am <b>The history and future prospects of experimental pathology: a</b></p>
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				<b>bridge and bond for interdisciplinary collaboration, Xiuling Yu, National Research Center for Veterinary Medicine</b>
10:00am -10:30am	<b>Coffee/Tea Break, Visit the exhibition</b>			
	<p>10:30am - <b>Advances in mRNA vaccine research for porcine viral diarrhea</b>, Bin Li, Jiangsu Academy of Agricultural Sciences</p> <p>11:00am - <b>Ultra-sensitive, fast, real-time monitoring ASFV detection using novel p30 monoclonal antibody conjugated graphene field-effect transistor</b>, Yong Sam Jung, Nanjing Agricultural University</p> <p>11:30am - <b>Vision-sensing enabled intelligent detection technology for rapid screening of livestock and poultry diseases</b>, Minghui Wu, Nanjing Agricultural University</p>	<p>10:30am - <b>Application of machine learning for identification and prediction of bacterial antibiotic resistance</b>, Lu Wang, China Agricultural University</p> <p>11:00am – <b>Application of artificial intelligence technology in veterinary diagnosis</b>, Fangzhou Chen, Guangdong Evergreen Conglomerate Co., Ltd</p> <p>11:30am – <b>TBD</b> (AI animal husbandry NAU)</p>	<p>10:30am – <b>Biosafety measures for zoonotic disease prevention: risk control and protective practices from laboratory to field</b>, Xiaoxu Fan, China Animal Health and Epidemiology Center</p> <p>11:00am – <b>Selection and quality control of veterinary diagnostic reagents</b>, Liting Qin, Qingdao Jiazhi Biotechnology Co. Ltd</p> <p>11:30am - <b>Key points for biosafety management in veterinary diagnostic laboratories</b>, Yuntao Guan, Harbin Veterinary Research Institute</p>	<p><b>Toxicology Pathology</b> Co-Chair: Wenxia Bai, Xiaoyu Li</p> <p>10:30am - <b>The current situation and problems of GLP development in China</b>, Bojun Yuan, Naval Medical University</p> <p>10:50am - <b>Pathological analysis of bleomycin pulmonary fibrosis in rats</b>, Ning Su, Southeast University</p> <p>11:10am -<b>Exploration and application of intraocular drug delivery technology</b>, Limei Wang, Guangzhou Bay Area Institute of Biomedicine</p> <p>11:30am - <b>Mechanism of gavage-related reflux in rats</b></p>

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				<p><b>and its identification in non-clinical studies</b>, Jianyan Hu, New Drug Evaluation Center of Shandong Academy of Pharmaceutical Sciences</p> <p>11:50am - <b>Case sharing of pulmonary lesions in nonclinical safety evaluation of drug</b>, Qin Yang, Beijing Union-Genius Pharmaceutical Technology Ltd</p> <p>12:10am - <b>Pathological observation and analysis of pancreatic islet injury model in elderly animals</b>, Zhiqi Song, Institute of Laboratory Animal Science, Chinese Academy of Medicine Sciences</p>
<b>Noon</b>	<b>Lunch, Visit the Exhibition &amp; Poster</b>			
1:30pm -4:30pm <b>Breakout Sessions</b>	<p><b>Molecular Diagnostics 2</b> Chair: Jane Christopher-Hennings</p> <p>1:30pm -<b>Development of a PCR panel assay for canine</b></p>	<p><b>Microbiology 2</b> Chair: Yuefeng Chu</p> <p>1:30pm - <b>Protective mechanisms and efficacy evaluation of bacterial vaccines against invasive infections,</b></p>	<p><b>Virology/Serology 2</b> Chair: Jianqiang Zhang, Jianhan Lin</p> <p>1:30pm -<b>The use of immunoperoxidase</b></p>	<p><b>Experimental Pathology (Sponsored by Shenzhen Shengqing Technology Co., Ltd and Guangdong Jinquan Medical Technology Co., LTD.)</b> Co-Chair: Lingxia Han,</p>

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	<p><b>respiratory pathogen detections, Jianfa Bai, Kansas State University</b></p> <p>2:00pm – <b>Detection and molecular characterization of ASFV variants circulating in Vietnam, Le Van Phan, Vietnam National University of Agriculture</b></p> <p>2:30pm -<b>Sponsor Presentation (Invitation in progress)</b></p>	<p><i>Juanjuan Wang, China Agricultural University</i></p> <p>2:00pm - <b>Diagnosis and control of contagious caprine pleuropneumonia, Yuefeng Chu, Lanzhou Veterinary Research Institute</b></p> <p>2:30pm -<b>Sponsor Presentation (Invitation in progress)</b></p>	<p><b>monolayer assay (IPMA) for detection and quantification of IgG and IgA level in sow colostrum after exposure to PEDV and ASFV, Suphot Wattanapansak, Chulalongkorn University</b></p> <p>1:55pm - <b>Efficient enrichment and rapid detection of animal pathogens, Jianhan Lin, South China Agricultural University</b></p> <p>2:20pm - <b>Multivalent nanobody-based sandwich ELISA for sensitive detection of PRRS virion, Tongqing An, Harbin Veterinary Research Institute</b></p> <p>2:40pm-<b>Sponsor Presentation (Invitation in progress)</b></p>	<p><i>Zhendong Zhong</i></p> <p>1:30pm - <b>Establishment and application of a mouse model of tuberculous meningoencephalitis, Xiangmei Zhou, China Agricultural University</b></p> <p>2:00pm - <b>The involvement of post-translational modifications in tumor immunity of lung cancer, Liang Weng, Peking University</b></p> <p>2:40pm - <b>Study on the safety and feasibility of intranasal administration of canine immortalized adipose-derived mesenchymal stem cells, Xueying Zhou, China Agricultural University</b></p>
3:00pm- 3:15pm	Coffee/Tea Break, Visit the Exhibition & Poster			
	<p>3:15pm - <b>Development and application of on-site detection kits for quadruple nucleic acids of FMDV, BVDV, IBRV, and BCoV, Bin Zhang, Southwest Minzu University</b></p>	<p>3:15pm - <b>Epidemiological status and new prevention technologies for clostridial diseases in cattle and sheep, Lihua Xu, Ningxia University</b></p> <p>3:45pm - <b>Establishment of a</b></p>	<p>3:15pm - <b>Epidemiology of porcine respiratory coronavirus (PRCV) and pathogenesis of PRCV/NM isolates, Pinghuang Liu, China Agricultural University</b></p>	<p><b>Companion and Wild Animal Pathology</b> <i>Co-Chair: Chen-Hsuan Liu, Dan He</i></p> <p>3:15pm - <b>Pitfalls in the</b></p>

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	3:45pm – TBD	<p><b>differential diagnostic method for <i>Brucella</i> Rev.1 attenuated vaccine</b>, Wenlong Wang, Inner Mongolia Agricultural University</p>	<p>3:40pm - <b>Establishment and preliminary application of detection method for equine serum</b>, Zhe Hu, Harbin Veterinary Research Institute</p> <p>4:05pm - <b>Development and application of an antigen capture ELISA for the detection of enzootic nasal tumor virus based on capsid protein</b>, Xuefeng Wang, Harbin Veterinary Research Institute</p>	<p><b>pathological diagnosis of mammary tumors in small animals</b>, Xijun He, Harbin Veterinary Research Institute</p> <p>3:40pm - <b>Pathological analysis of spontaneous tumors in giant pandas</b>, Zhengli Chen, Sichuan Agricultural University</p> <p>4:00pm - <b>Histopathological changes of the kidney and spleen in goslings infected with goose astrovirus type 2</b>, Yingjun Lv, Nanjing Agricultural University</p> <p>4:20pm - <b>Application of canine p63 monoclonal antibody in the diagnosis of mammary tumors</b>, Yu Kuang, China Agricultural University</p> <p>4:40pm - <b>Diagnosis of two common bacterial diseases in kangaroos</b>, Jinling Wang, Inner Mongolia Agricultural University</p>
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The 6<sup>th</sup> Annual Veterinary Diagnostics Conference  
June 14-16, 2025, Nanjing, China



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				<p>5:00pm - <b>Ancient imprints of antipathogen immunity in teleosts: a single-cell atlas of granulomas</b>, <i>Tao Liu</i>, Northwest A&amp;F University</p> <p>5:20pm -5:30pm <b>Closing Remarks</b>, <i>Yi Jin</i>, Shenzhen Institute of Pharmaceutical Inspection</p>
4:30pm -5:00pm	<b>Q&amp;A and Conclusion</b>			