## AAVS



## **POST**

The latest news & updates from the Asian Association of Veterinary Schools



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## **GREETINGS FROM AAVS OFFICE**

We are pleased to deliver the 6<sup>th</sup> volume of our Newsletter, AAVS POST.

It has been about one year since the last volume was published, during which AAVS has undertaken various activities, including the 22<sup>nd</sup> annual meeting in Daejeon, Korea and seven webinars.

The annual meeting was co-organized with Federation of Asian Veterinary Associations (FAVA) and American Association of Veterinary Medical Colleges (AAVMC) Council on International Veterinary Medical Education (CIVME) jointly with 23<sup>rd</sup> FAVA Congress at the end of October 2024. Approximately 30 people from AAVS member schools attended the meeting in person. At the congress, Clinical Skills & OSCE workshop was delivered by Dr. Sarah Baillie from University of Bristol. UK. Students and professors enjoyed the practical exercises at the same tables.

One of the highlights of this year's meeting was the panel discussion with students chaired by Dr. Achariya Sailasuta and Dr. Norine Medina. We invited twenty-seven veterinary medical students to the congress. They won the selection based on their CVs and proposals and gained the award of attending the congress for free. Some of them contributed to this newsletter. Please find their reports on the following pages. Nine students from different countries (one attended online) were introduced to the stage and engaged in an amazingly active discussion on their passion to learn veterinary medicine and become veterinary professionals.

The webinars were held in the following two styles.

 One virtual information session given by Dr Regina Schoenfeld-Tacher, Editor in Chief of Journal of Veterinary Medical Education (JVME), being published by AAVMC

Six CPD (Counting Professional

Development) Seminars
Please refer to the articles from page 14 for further details.

These webinars were organized by our Veterinary Education Research (VER) Working Group and Veterinary Education Enhancement (VEE) Working Groups, which were chaired by Dr. Nayana Wijayawardhane and Dr. Norine Medina, respectively. We are recruiting members of these WGs. Please feel free to contact AAVS Office (secretary@aavs.jpn.org) if you are interested in these activities.

Three new institutions joined us last year. Gifu University, Tottori University, and Nippon Veterinary and Life Science University (all in Japan). Currently, there are 58 members, including 57 Regular and one Associate Members. AAVS community is growing year by year.

Next annual meeting will be hosted by Universitas Gadjah Mada, Indonesia from November 6 to 8, 2025. We are looking forward to seeing you in Indonesia!

#### **AAVS Newsletter Editorial Board**

Ryota TOCHINAI, The University of Tokyo Ryuji HIRAMATSU, The University of Tokyo Takayuki NAKAGAWA, The University of Tokyo Maho URABE, WOAH RRAP Takashi MATSUWAKI, The University of Tokyo

## **REPORT OF THE 22nd ANNUAL MEETING**



The 22nd AAVS meeting (VetEd Asia 2024) was organized from 26-28 October 2024 in collaboration with Federation of Asian Veterinary Associations (FAVA) and AAVMC Council on International Veterinary Medical Education (CIVME) in conjunction with 23rd Federation of Asian Veterinary Associations Congress (FAVA 2024), hosted by the Korean Veterinary Medical Association in Daejeon, Korea from 25-27 October 2024, including AAVS CIVME collaboration Meeting, 3 sessions and 1 workshop.

This year's the Kei-ichiro Maeda Memorial T&C Award 2024 was awarded to the following two young veterinary researchers:

#### Daiki KATO

Project Lecturer, Graduate School of Agricultural and Life Sciences, The University of Tokyo "Development of cancer immunotherapies targeting tumor antigens against malignant tumors in dogs"

#### **Takahiro HIONO**

Lecturer, Graduate School of Veterinary Medicine, Hokkaido University "Glycoscientific approach for the understanding of life-cycle and host range

of influenza virus and SARS-CoV-2"





## **Program of THE 22nd ANNUAL MEETING**

You can view the presentations and photos from each session via the links below.

Program	Presentations	Photos	Date/time
AAVS CIVME Meeting		Link	26 Oct, 10:30-11:30
Clinical Skills & OSCE Workshop	Link to useful resources	Link	26 Oct, 13:40-17:40
<ul> <li>PLENARY Session</li> <li>"Veterinary Education in Asia"</li> <li>Presentations</li> <li>Panel discussion with student representatives from 9 countries</li> </ul>	Link	Link	27 Oct, 8:30-10:10 27 Oct, 10:30- 11:20
Administrative Session for AAVS Members	Link Report	Link	27 Oct, 11:30-12:30
Ceremony and Lectures, The Kei-ichiro Maeda Memorial T&C Award 2024		Link	27 Oct, 12:30-13:00
<ul> <li>PLENARY Session</li> <li>"Veterinary Education Research"</li> <li>Abstract Book</li> <li>Keynote: veterinary clinical communication education and research</li> <li>Oral research presentations</li> <li>Posters</li> </ul>	Link	Link	27 Oct, 13:40-15:30
Tour in College of Veterinary Medicine, Seoul National University		Link	28 Oct, 9:00-13:00 (in-person)

## The 22nd Annual Meeting of AAVS Administrative session Report

October 27, 2024, 11:30-12:30 (Japan Standard Time) Hybrid (Daejeon, Korea/Zoom)

#### Agenda 1: AAVS activities since the 22nd Meeting (AAVS Office, VER WG, VEE WG)

- Dr. Matsuwaki reminded the participants about the operating structure of AAVS:

Executive Committee takes charge of strategy-making and key decision-making. Two Working Groups (Veterinary Education Enhancement and Veterinary Education Research) plan various activities that benefit the Members (e.g., webinars and CPD sessions). AAVS Office serves as the office for administrative management of AAVS activities (e.g. HP management, treasures, etc).

- Dr. Matsuwaki reported this year's activities of AAVS Office:
- · Selection of invited students to FAVA/AAVS Congress 2024 (27 students from eight countries).
- Publication of Newsletter (AAVS POST, Vol. 5 was issued on December 2023. Instructions for Authors are uploaded to AAVS HP).
- Selection for the Kei-Ichiro Maeda Memorial T&C Award (six applications from five countries were accepted, and two winners were awarded: Dr. Daiki Kato, The University of Tokyo, and Dr. Takahiro Hiono, Hokkaido University).
- Dr. Medina reported the VEE WG activities this year: including
- May 24, 2024: "The use of AI and digital technologies to enhance learning of Gen Z veterinary students"
- July 29, 2024: "Improving Education for Gen Z clinical skills teaching"
- Dr. Wijayawardhane reported the VER WG activities this year: including
- 29-02-2024 –CPD-Embracing Research on Day-1 Competencies to enhance veterinary education
- 25-06-2024 –CPD- Quantitative and Qualitative Approaches and Analysis in Veterinary Education Research
- 22-08-2024 –CPD- Questionnaire Design in Veterinary Education
- Due in November 2024- CPD- Case-based learning via modern virtual platform

#### Agenda 2: Financial report

- The Treasurer, Dr. Takiguchi reported the financial statement from Jan 1st to Sep 30th in 2024.
- Total income is 4,837,647 JPY(A).
- Total expenditure is 1,486,862 JPY (B).
- The balance as of Sep 30th, 2024(A-B) equals 3,350,784 JPY.
- AAVS collected FAVA registration fees from 37 individuals and paid them to FAVA secretariat for AAVS Group registration to FAVA.
- Regarding annual membership fees for 2024, AAVS received 5,200 USD from 51 institutions, of which 2,100 USD from 20 institutions was received during the period of November to December 2023.
- Dr. Matsuwaki introduced the suggestion about the financial statements in future proposed in the EC meeting on October 26th as follows.

Expenditures can be categorized as more comprehensive. e.g. Operational costs, Conference Implementation Costs, and Costs for the benefit of Members

This suggestion, especially around the "Costs for the benefit of Members," will be discussed further by EC and proposed to the next Assembly meeting.

#### **Agenda 3: Membership status & Introduction of the new Members**

- Dr. Matsuwaki reported the current membership status.
- Fifty-eight Members (57 Regular and 1 Associate Member) belong to AAVS at the time of October 27th.
- Six of them are currently inactive Members as they have not paid the membership fee for 2024.
- Membership will cease by written resignation or in case of non-payment of the membership fees for three (3) consecutive years.
- Dr. Matsuwaki introduced three new AAVS Members: Gifu University, Tottori University, and Nippon Veterinary and Life Science University (all from Japan).
- The self-introduction movies were shown.

#### **Agenda 4: Nomination of Executive Committee Members**

- Dr. Matsuwaki explained the procedure for selecting new EC members this year, following the
  operational document. He then introduced the proposed members of EC. The proposal was
  accepted by the Assembly.
- · President: Seoul National University, Korea
- · Past President: Universiti Putra Malaysia, Malaysia
- Vice President: Central Luzon State University, Philippines
- Representative from East Asia: National Taiwan University, Taiwan
- · Representative from South Asia: University of Peradeniya, Sri Lanka
- Representative from Southeast Asia: Universitas Gadjah Mada, Indonesia
- EC Member 1: Kasetsart University, Thailand
- EC Member 2: Chattogram Veterinary and Animal Sciences University, Bangladesh
- Treasurer: Dr. Takiguchi, Hokkaido University, Japan
- · Secretary General: Dr. Matsuwaki, The University of Tokyo, Japan

## Agenda 5: Open discussion on AAVS activities and any proposed issues from Member Institutions

- More flexible use of budget to support Members' activity: EC will discuss it and make a proposal for the next Assembly meeting.
- How to become an EC member?: EC membership is open for all AAVS Members. The call for (Expression of Interest (EOI) will be announced 1-2 months before the Assembly meeting. But this announcement mail is sent only to the "AAVS Representatives" of each institution.

#### Agenda 6: Hosting of the 23rd AAVS Assembly Meeting

 Universitas Gadjah Mada, Indonesia will host the Assembly Meeting next year (summer to autumn). A video message introducing Universitas Gadjah Mada by Dr. Budiariati was shown. Detailed information will be announced later.

### REPORTS of FAVA/AAVS Congress 2024 FROM INVITED STUDENTS

Twenty-seven students from eight countries were invited to join the FAVA/AAVS Congress physically.

Here are participation reports from several students.

#### - Meng Yan Hsieh, *Taiwan*



It was both luck and opportunity that gave me the courage to compete with others and win the ticket, allowing me to go abroad and attend the 2024 FAVA/AAVS international conference.

The three-day agenda passed by in the blink of an eye, but every moment was packed with meaningful activities. The lectures of Dr. Ya-Pei CHANG on neurology and Dr. Hyun's insights into canine lupus erythematosus left me awestruck, while also reminding me how far I have yet to go. Knowledge truly has no limits.

Among all these experiences, the most unforgettable part was meeting veterinary students from around the world. These encounters have become my treasures. Students from eight different countries—Japan, Taiwan, Hong Kong, Thailand, Korea, Philippines, Malaysia, and Indonesia—gathered to share a wonderful three days together.

The conference opened with an energetic Taiko drum performance, setting the tone for the lively atmosphere ahead. In addition to the enriching sessions, there were plenty of banquets and performances to enjoy. For someone like me, attending such a large-scale conference for the first time, everything was filled with surprise and delight.

During the gala dinner, I made new friends and got to know students and professors from different countries through mutual introductions. Hearing about the educational and training in other countries not only broadened my perspective but also motivated me to improve.

A group of about ten of us also visited a famous local Tteokbokki restaurant, where the warmth of the kindhearted owner made me feel at home, as if I were being welcomed by my mother for dinner.

On the most important day—the day of the presentation—my Taiwanese friends supported me so much. Their encouragement and teamwork helped us organize and reflect on our learning journey, allowing me to confidently share my experiences with everyone on stage.

Lastly, I want to thank Professor Lien for trusting me. Had I chosen to give up back then, I would never have witnessed such a vast and enriching world. I hope that in the future, I will have the chance to meet everyone again in somewhere of the world.

#### - Akimi Nomura, *Japan*



It was a big honor to be chosen for FAVA/AAVS congress as an invited student. The most memorable memory is two.

First is midnight discussion. In AAVS event, 8 members of invited students who were chosen as country representatives did the discussion about veterinary medicine. The day before that event almost all the invited members were together in one room of the hotel and discussed the issues of each country. The topic were rabies, test,

the discussion about next days and so on. I couldn't understand perfectly, but I was impressed by the veterinary students from many countries gathering together to discuss the issue.

Second is IVSA's presentation. I was suggested by AAVS to do a presentation about IVSA Asia in August. I was the president of IVSA Japan, but I don't know enough about so, I asked to board member of other country's IVSA for helping me and they were happy to accept for preparing. I once again felt the warmth of students from Asian country. I hope that through this presentation, more veterinary students will know about IVSA and consider it an option in their daily activities.

#### - Kuei Miao, *Taiwan*



I am honored to represent Taiwanese veterinary students and National Chiayi University at this conference. When I arrived, I was impressed by the eight different countries' delegates' passion and diverse perspectives. Their enthusiasm for veterinary medicine and ability to discuss topics like zoonotic diseases and challenges in veterinary education was inspiring. During the AAVS panel discussion, the most memorable topic was addressing the rise of AI in veterinary medicine. I completely agree that human care for animals and

empathy cannot be replaced by AI. However, AI can enhance study efficiency when used wisely, as exemplified by tools like the Intelligent Case Simulation System. This conference allowed me to form valuable connections, gain insights from AAVS discussions, and enhance my knowledge of equine and small animal clinical skills through FAVA lectures. It was truly an enriching experience for me.

#### - Bussarin Sangthongluan, *Thailand*

I am honored to have been invited to attend this congress. This was my first international congress and my first visit to Korea. The congress provided a wonderful opportunity to meet new friends from diverse countries like Korea, Taiwan, and Japan. We shared meals, discussed veterinary education in our respective countries, and exchanged souvenirs. The welcome reception, particularly the taekwondo performance, was truly impressive. The congress featured insightful lectures on various veterinary topics, including Asian veterinary education, which is directly relevant to my studies. I was particularly impressed by Byeong

Teck KANG's lecture on Understanding and Managing Cognitive Dysfunction Syndrome in Senior Pets. His clear and engaging presentation. I am grateful for the chance to attend this congress and aspire to participate as a veterinarian in the future.

#### - Yu-Zo Chung, *Taiwan*



Having the privilege to represent National Chung Hsing University's Veterinary Medicine Department at the FAVA Asian Veterinary Conference in Daejeon, Korea, has broadened my horizons and deepened my understanding of the current state and future development of veterinary education.

At the AAVS Asian Veterinary Education Discussion, the application of artificial intelligence (AI) garnered significant attention. With advancements in technology, AI has the potential to greatly enhance the

efficiency and accuracy of veterinary work in areas such as disease diagnosis and image analysis. However, tasks such as observing animal and owner behavior, interpreting abnormal blood cell morphology still require the expertise of veterinarians. Therefore, we must consider how to avoid being replaced by AI but rather utilize it as a powerful tool to better serve animals.

In addition to AI applications, the shortage of large animal veterinarians, balancing on campus education with practical training, changes in the gender ratio in the workplace, and internationalization trends are all issues worthy of our contemplation. As the pandemic subsides, promoting international veterinary education exchanges has gradually gained importance. This is not only a concern for professors and veterinarians in the industry but also for students who are taking action. For example, this summer, I participated in the IVSA International Veterinary Students' Association Group Exchange program at UPM University in Malaysia, where I studied, interned, and exchanged with local veterinary students, learning from the strengths of each country. I believe that with everyone's efforts, these will be the directions for future progress.

Beyond exploring Asian veterinary education, I was deeply impressed by the topic of zoonotic disease prevention in various presentations at the conference. The tragic case of Chinese pig farms suffering complete losses due to infectious diseases, which our professor mentioned when teaching swine diseases a few weeks ago, once again underscores the importance of disease prevention. As Taiwanese, we are proud that Taiwan is still classified as a disease-free zone for African swine fever, thanks to the efforts of veterinarians, quarantine agencies, and related personnel. However, in the context of globalization, zoonotic infectious diseases remain a formidable challenge, reminding us to be even more cautious in disease prevention and to strengthen international cooperation.

The veterinary ethics course provided me with a deeper understanding of ethical issues related to laboratory animals. The requirement for research to comply with the 3R principle and the implementation of IACUC in research literature demonstrate the international

community's emphasis on animal welfare. Furthermore, ethics education plays an indispensable role in veterinary education and directly influences the concepts and behaviors of future veterinarians. This is not only about treating animals kindly but also about respecting life.

In post-conference exchanges with students from different countries, I discovered many similarities and differences in various national cultures and educational systems.

Many students, including myself, believe that a six-year program can provide students with more solid professional knowledge and make it easier to integrate into the international community.

Looking back at the various domestic and international conferences I have attended, transitioning from domestic to international conferences has given me a deeper understanding of the diversity and complexity of veterinary education. In different countries, the epidemiology, prevention strategies, and common diseases vary.

Listening to teachers and veterinarians from different countries and academic backgrounds discussing how to take action to improve Asian veterinary education and animal health and welfare with a common goal, I deeply realized that veterinary medicine is not only a profession but also a mission, which I deeply admire.

This trip to Korea undoubtedly benefited me greatly. It not only broadened my horizons and gave me a more comprehensive understanding of veterinary education but also allowed me to make friends from all over the world. I firmly believe that these valuable experiences will motivate me to learn and grow in the future and become a professional veterinarian. I hope that in the future, I can apply what I have learned to practice and contribute to animal health.

#### - Namjai Katorapan, *Thailand*



This is my first time attending the FAVA congress. I am very honored to be invited to attend this congress. I have met lots of friends, vet students from many countries. We have exchanged many things from our countries such as cultures, studies, vet school, etc. I had listened to lectures from many professors. I have gained a lot of knowledge and updated information from what I have learned from my school. It has impressed me a lot. Finally, this is my last year as a vet student. Being able to attend this event and meet many great veterinarians has inspired me to be determined and want to be a good veterinarian.

#### - Daniel Goh & Irfan Fakhri, *Malaysia*



We are honored to have attended the congress in Daejeon. The sessions provided valuable insights into veterinary science and the student presentation session allowed us to connect with peers from other universities, fostering future collaborations.

We were touched by the warm hospitality of the Korean students who shared their university experience, local culture and cuisine with us.

Dr Kim Youngchan's inspiring contributions to Nepal's dairy sector have captivated us. This experience and exposure to the congress has strengthened our commitment to becoming dedicated and professional veterinarians who contribute to the welfare of animals and society.

#### - Nanako Kato, *Japan*



I joined this event to engage with veterinary medicine across Asia and bring valuable insights back to my country. Although I was anxious about my English, I challenged myself to participate in the panel discussion.

This experience became invaluable, not only for the discussion itself but also for the unexpected friendships I built. We exchanged ideas about our dreams and challenges in our countries, inspiring each other.

I hope to continue collaborating internationally, sharing knowledge and working together to tackle global veterinary issues.

#### - Chia-Yu Pan, Taiwan



It was a great honor to represent National Taiwan University to attend the AAVS and FAVA Congress in Daejeon. The three-day congress broadens my mind and horizon, not only learning new knowledge from lectures in various fields, but also getting to know a lot of international veterinary experts and scholars. Also, I had a great time chatting with other student representatives and learned about the differences in the vet education in different countries.

During the congress, I attended many talks related to transboundary diseases, such as African swine fever, traditional swine fever, foot-and-mouth disease and avian influenza, and

learned about the disease status in Japan, Vietnam, and China, control measures, and vaccine development. Also, the Q&A sessions with the scholars exchanging ideas were very interesting, which allowed me to realize that international exchanges are important for the scientific research and prevention & control of transboundary diseases.

Among many talks, I was most impressed by Prof. Sakoda from Hokkaido University and his research on avian influenza. In recent years, there have been many cases of cross-species transmission of HPAI, which has caused massive deaths not only in poultry, but also in wild birds, marine mammals, and cattle, making it a very important and complex zoonosis. Prof. Sakoda's team has been actively monitoring AI carried by winter migratory birds in Hokkaido and sequencing to identify HPAI cases.

In addition, sampling and virus isolation of dead crows on the campus of Hokkaido University revealed that the viral titer of HPAI in crows was very high. At the same time, HPAI infections of red foxes and civet cats occurred in the neighboring area, whose viral genes were highly related to those of the dead crows, which demonstrated the ability of cross-species transmission of HPAI, and the potential of a future outbreak of the disease. This talk made me realize that HPAI research is very interesting and important to protect domestic animals and wildlife.

Finally, it's truly an unforgettable experience to get to meet a group of excellent and enthusiastic vet students. I really gained a lot from chatting with students from various Asian countries. Not only did I gain more confidence in my English-speaking ability, but I also realized that vet education system and courses are different in other countries. To sum up, I believe that we will continue to learn and improve ourselves, and we will bravely move forward in our future veterinary career.

### REPORT OF THE TOUR

### College of Veterinary Medicine, Seoul National University

OCTOBER 28, 2024
Kei Hatamoto, AAVS student staff, the University of Tokyo

The College of Veterinary Medicine (CVM) at Seoul Nation University is the first university in Asia, recognized as a world-class veterinary education and research institution by obtaining education certification from the American Veterinary Medical Association (AVMA) in 2019. During this Joint Symposium of SNU CVM-AAVS-CIVME, after greetings and comments by faculty members from each university, we were given the opportunity to visit the Main Building and the Veterinary Medical Teaching Hospital in Gwanak Campus.

In the Main Building, there were laboratories with a full range of experimental equipment in the Institute's common instrument room and a library and other facilities for concentrating on study. The museum at SNU represents the long and noble history of the CVM.

The Veterinary Medical Teaching Hospital has not only state-of-the-art examination facilities such as MRI and CT, but also separate examination rooms for dogs and cats, and a visit room, which shows the careful attention paid to pet owners. From the viewpoint of education, the environment was such that students could use the knowledge that they had absorbed in class and put it into practice, for example, be studying videos and simulating treatment using models.

Through this tour, I strongly felt the reason for the AVMA's education certification of SNU CVM. I hope that more universities in Asia will receive this type of approval in the future.





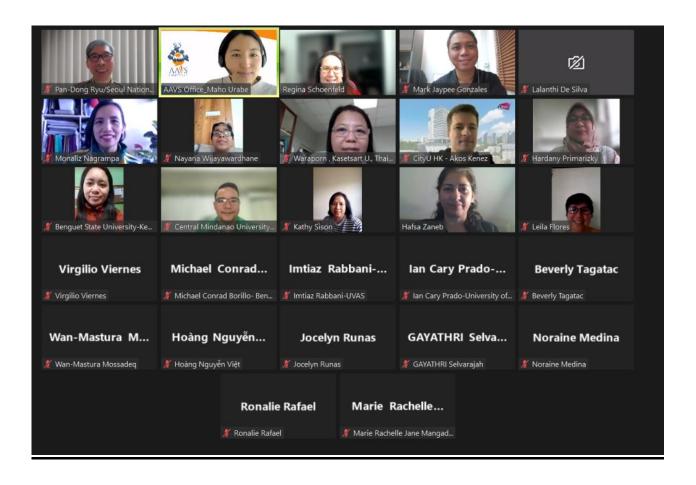


## REPORT OF THE WEBINARS

## Veterinary Education Research (VER) Working Group

Information Session with JVME editor (<u>Event Link</u>) – (<u>Video</u> / Presentation in <u>PDF</u>)
 (11 January, 2024)

AAVS Veterinary Education Research Working Group, with support of AAVS Office, organized a virtual information session titled "Supporting Scholarship and Innovation in Veterinary Medical Education with Dr Regina Schoenfeld-Tacher, Editor in Chief of Journal of Veterinary Medical Education (JVME)".



#### CPD Seminar:

Embracing Research on Day-1 Competencies to Enhance Veterinary Education (Dr Nayana Wijayawardhane, Chair of VER WG) (29 February, 20)

#### -CPD Seminar:

Quantitative and qualitative approaches and analysis in Vet Education Research (25 June, 2024)

#### -CPD Seminar:

Survey Design for Research - (Flyer) (22 August, 2024)

AAVS VER
CPD SESSION



# SURVEY Design for RESEARCH



#### -CPD Seminar:

Enhancing Veterinary Education: Leveraging Digital Platforms and Artificial Intelligence for Efficient Case-Based Learning 2024, Zoom Webinar (<u>Event Link</u>)

- (Flyer / Presentation in PDF) (14 November, 2024)



## Veterinary Education Enhancement (VEE) Working Group

#### -CPD Seminar:

The use of AI and digital technologies to enhance learning of Gen Z veterinary students (Event Link) (25 May, 2024)



#### -CPD Seminar:

Clinical skill teaching for Gen Z veterinary students (Flyer) (29 July, 2024)



## **Upcoming Event**





### The 3rd ICAVESS

Current Technology in Veterinary Science for Advancing Animal Health, Therapeutics, Sustainable Agriculture, and Managing Emerging Diseases

> Faculty of Veterinary Medicine Gadjah Mada University Yogyakarta, Indonesia

## PLEASE STAY TUNED FOR MORE INFORMATIO AND SAVE THE DATE!

## FOR MORE INFORMATION ABOUT AAVS

Please visit AAVS website (<a href="https://aavs.jpn.org/">https://aavs.jpn.org/</a>)

## FOR COMMENTS AND QUESTIONS ON NEWSLETTER

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