



# ISATD

The 4th International Conference on  
Agromedicine and Tropical Disease  
**Emerging Viral Diseases and  
The Challenges in Agromedicine**

## PROCEEDING BOOK

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## **WELCOME MESSAGE**

Very warm greetings to all the participants of this conference. It gives me immense pleasure to welcome all of you to the 4th ICATD. Established in 2000, the Faculty of Medicine, Universitas Jember, has reached heights of great success. Our faculty was established with a vision to become an educational institution that excellent in Agromedicine. We focus more on the health and behavioral problems related to all activities and the consumers of agriculture products. Our target is to become an Agromedicine Center in Southeast Asia by 2025. This conference was held to support the achievement of this vision. The ICATD is held regularly every two years to support and improve research in Agromedicine so that it can make a real contribution to improving the welfare of farmers and their families.

The increasing incidence of emerging viral diseases in recent years is a challenge for us to develop strategies to prevent, treat and control emerging viruses with high epidemic potential. Therefore, discussions about emerging viral diseases, epidemiology and virus control, efforts to increase body immunity through herbal ingredients, and vaccine development must be carried out to address existing and future emerging viral diseases. So, we want to rise to this challenge through this Conference with the theme "Emerging viral disease and its challenges in the Agromedicine field".

This conference is held hybrid on September 13th-14th, 2022, via Zoom Meeting and offline at the Meeting Hall of the Faculty of Medicine, Universitas Jember. In this two-day conference, we will discuss many things related to the theme of this conference, such as respiratory disease in the agriculture area, Agromedicine policies for health problems, viral epidemiology, herbal development, and updates on emerging viral infections and vaccine development. Like the previous three ICATDs, we have invited experts who will share their expertise, views, experiences, and thoughts on the topic. We sincerely hope this conference will also be a great success like other years and we ask for your support to make it a memorable and successful event.

I hope you all find this conference highly engaging and fruitful and feel enriched with knowledge after the completion of this event. I welcome you to the meeting and hope you all will have a great time. Thank You All!

Kind regards,

Chairman

Dr. dr. Hairrudin, M.Kes

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