

# The 1st Asia-Pacific Enzyme Technology Symposium : Towards Sustainable Social Development

The 1st Asia-Pacific Enzyme Technology Symposium was held on October 12, 2022. This symposium was jointly organized by the National Science and Technology Development Agency of Thailand (NSTDA) and Amano Enzyme with the aim of providing the latest information on enzyme technology to researchers and developers involved in enzymes in the Asia-Pacific region and contributing to the promotion of enzyme technology in industry, with the goal of achieving the development of a sustainable society. The symposium was the first academic symposium on enzyme technology in the region, and was held hybrid, in Bangkok, Thailand, as the main venue and online.

The symposium consisted of four sections with a total of 12 presentations. In addition to lectures by academics in enzyme technology research in Japan, Thailand, Singapore, Malaysia, Indonesia, Vietnam, and India, the symposium offered a diverse range of content, including special lectures from companies whose business is based on unique biotechnologies. The event was

attended by 97 people in person and 288 people online. A lively Q&A session was held during a panel, reminding us of the level of attention being paid to enzyme technology at the moment.

Amano Enzyme will continue to hold symposiums in the Asia-Pacific region and make every effort to further develop the industry and achieve a sustainable society through enzymes.



The main venue



Lecture



The Q&A session

Speaker	Affiliation	Title
Pimchai Chaiyen	VISTEC	Enzyme Catalysis and Engineering for Green Production
Yasuo Ohnishi	The University of Tokyo	Ultrahigh Thermoresistant Lightweight Bioplastics Developed from Fermentation Products of Cellulosic Feedstock
Akhmaloka	Bandung Institute of Technology	Exploration of Lipases for Biodiesel Process
Satoshi Koikeda	Amano Enzyme Inc.	Enzymes Catalyze Bio-Economy Society: Amano's Challenge
Sridevi A Singh	CSIR-CFTRI	Enzyme Technologies in Food Applications for Improved Functionality and Nutrition
Vu Nguyen Thanh	FIRI	Exploring Fungal Diversity in Vietnam for Novel plant Biomass-degrading Enzymes
Sittiwat Lertsiri	Mahidol University	Implication of Koji Macerating Enzymes in Application of Protease
Suraini Abd Aziz	University of Putra	Utilization of Agrowaste Materials as Sustainable Green Feedstock for Enzymes Production through Biorefinery Approach
Kohsuke Honda	Osaka University	Make It Possible Outside the Cell-design and Implementation of Enzyme Cascades
Xixian Chen	A*STAR	Integrate Enzymatic and Metabolic Engineering for Terpenoids Biosynthesis
Keisuke Morita	Spiber (Thailand) Ltd	Brewed Protein - Expanding the Range of Sustainable Materials
Ryo Iko	CHITOSE GROUP	Splash BIO on the EARTH!! ~Culture that Will Remain for 1000 Years~