

The 7th Sino-Japan Joint Symposium on Enzyme Technology

The 7th Sino-Japan Joint Symposium on Enzyme Technology was held on December 2, 2023. This symposium has been held every other year since 2011, co-hosted by Jiangnan University (Wuxi, Jiangsu, China) and Amano Enzyme, with the aim of "contributing to the promotion of enzyme applications in Asia through exchanges between Chinese and Japanese researchers related to enzymes." While the last symposium was held as a hybrid online event due to the pandemic, this year, it was held on-site in Jiaxing, China.

With 125 participants from universities, research institutes, and companies, the symposium was held around the theme of "the latest trends in enzymes for food and beverage applications." Eight talks were held by speakers from China and Japan, including lectures by Professor Toru Nakayama (Tohoku University) and Associate Professor Wataru Saburi (Hokkaido University) from Japan.

The talks featured a wide variety of topics, from the current state of the beverage market in China and the application of enzymes in foods to protein engineering and AI. The event ended on a high note with a lively debate being had at the panel discussion. Speakers and lecture titles are listed in the table below.

By continuing to hold this symposium, Amano Enzyme will do its best to deepen the technical

exchange between China and Japan, and to develop the enzyme industry.



Group photo



Opening remarks (President Amano)



Professor Nakayama



Associate Professor Saburi

Speaker	Affiliation	Title
Yi Cheng	China Beverage Industry Association	Introduction to the current situation of China's beverage industry
Toru Nakayama	Tohoku University	Biosynthesis of flavonoids responsible for coloration and health benefits of foods
Wataru Saburi	Hokkaido University	Development of functional foodstuffs produced using carbohydrate-metabolizing enzymes
Fang Zhong	Jiangnan University	Application of lipase and protease for cheese flavoring
Jianhui Ye	Zhejiang University	Research on the application of enzymes in tea beverages
Kan Yamashiro	Amano Enzyme Inc.	Enzyme Application in Beverage Industry
Gaowei Zheng	East China University of Science and Technology	Protein engineering technologies for enzyme evolution
Yifei Zhang	Beijing University of Chemical Technology	Engineering of Enzyme Catalysts; From Nature and Going Beyond