



# “ Newsletter ”

## Tohoku University, Japan

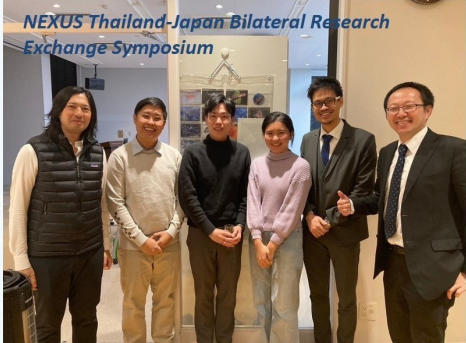
### Short-term Visiting Trainee

January - February 2025

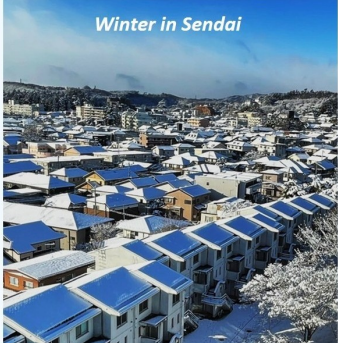
#### Presentation of Research Overview



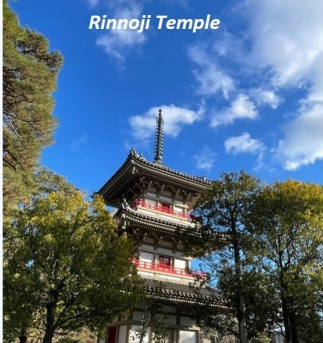
I am Tarnee Phimphong, a second-year Ph.D. student in the Biotechnology International Program at SUT. I had the opportunity to join a Short-term Visiting Trainee program from January 6 to February 28, 2025. This training aimed to enhance my research skills under the project 'Diversity of Type 3 Secretion System (T3SS) in Bradyrhizobial Strains and Its Roles in Legume Symbiosis, in collaboration with the Graduate School of Life Sciences, Tohoku University.



NEXUS Thailand-Japan Bilateral Research Exchange Symposium



Winter in Sendai



Rinnoji Temple



Meiji Village Education Museum

I had the opportunity to join the NEXUS Thailand-Japan Bilateral Research Exchange Symposium at Tohoku University. It was a great moment for me to meet researchers from both Thailand and Japan. During my time there, Japan was in the winter season, with temperatures ranging from -2 to 10°C. The city was beautifully covered in snow, creating stunning views everywhere. Walking around Sendai was a wonderful experience, as it has many beautiful places and historic temples. Moreover, thanks to Tanaka-Sensei and Miyuki-San, I had the chance to visit Toyama's "Miyagi's Meiji Village", which has many beautiful places and a long history.



I would like to express my sincere thanks to Prof. Shusei Sato (Sato-Sensei) and the lab members for their help in teaching me research techniques and for taking care of everything during my time in Japan. I would also like to extend my gratitude to a Japanese family—Masa-San, Mariko-San, Aoi-San, and Satoi-San—who took me to Sendai. Lastly, I would like to thank my advisor, Prof. Neung Teaumroong and the NPN lab members for giving me this opportunity.

**Acknowledgment:** This short-term visiting trainee program was supported by a scholarship from the Council of the Dean of Agricultural Science, Thailand and from the project to support and promote cooperation with international networks "Center for International Affairs-Suranaree University of Technology".