

# OKAYAMA UNIVERSITY

GLOBAL GATE FOR LEARNING



#### Programs/Schools for International Students

Letters / Law / Economics / Education / Science / Bachelor Engineering / Medical School / Dental School /

Pharmaceutical Sciences / Agriculture / **Discovery Program For Global Learners /** 

**Education / Humanities and Social Sciences /** Master Health Sciences /

> Medicine, Dentistry and Pharmaceutical Sciences / **Environmental, Life, Natural Science and** Technology /

**Interdisciplinary Science and Engineering in Health** 

Systems

**Doctor** 

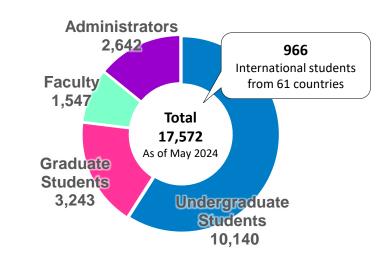
**Humanities and Social Sciences /** 

Natural Sciences and Technology / Health Sciences / Medicine, Dentistry and Pharmaceutical Sciences / **Environmental, Life, Natural Science and** Technology /

**Interdisciplinary Science and Engineering in Health** 

**Systems** 

#### **Number of Students and Staff**



### **SCAN HERE**

Okayama University Prospectus

A comprehensive book about Okayama University.



## INTERNATIONAL PARTNERS

IN THE ASEAN REGION

Total & Countries 94 Universities/Institutions

Cambodia 3 Indonesia 22 Laos 1 Malaysia 6 Myanmar 19 Philippines 7 Thailand 16 Vietnam 20

**Total 52 Countries/Regions 404 Universities/Institutions** All over the world

## Researcher **PICKUP**



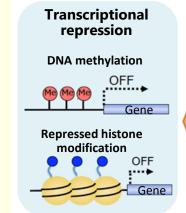
Yoko Ikeda **Associate Professor** Institute of Plant Science and Resources

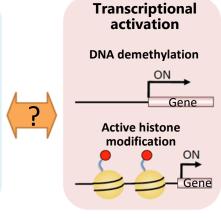
The Institute of Plant Science and Resources (IPSR) at Okayama University, located in Kurashiki City, is a reading research institute specializing of Plant Genetic Resources and Stress Science. IPSR has made major contributions to understanding plant responses to environmental stress, helping



to improve crop resilience. IPSR also serves as a center for the collection and preservation of barley genetic resources. The institute is home to active researchers engaged in cutting-edge studies across multiple disciplines of plant science.

#### **Epigenetic gene regulation**









#### Dr. Ikeda focuses on epigenetic gene regulation in plants, which controls gene expression through changes in chromatin structure, such as DNA methylation and histone modification, without altering the DNA sequence. The goal is to regulate gene expression by understanding epigenetic mechanisms and developing technologies to modify the epigenetic information of specific genes. Research is conducted using Arabidopsis, liverworts, and crops. This approach enables reversible changes in gene expression and shows promise for developing crop varieties that can adapt to environmental changes and industrial needs.

### Student's Voice

As a Thai student at GDP, I could pursue the courses that I am interested in, together with discovering more about myself. Moreover, I have many chances to make friends with people from around the world. Studying abroad here made me discover a lot of new things I had never experienced before.



As of May 1, 2024

Tonkhao Naiyanet from Thailand **Global Discovery Program** Okayama University

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#### WHY JAPAN? JOIN OUR EVENTS TO LEARN MORE!

Okayama University was appointed to implemen the "Global Network Project to Promote Study in Japan (ASEAN Regional Office)" by MEXT in 2024. We support and advise ASEAN students and teachers who wish to study in Japan.

