Center for Integrated Biosystems



General Information

- ◆ Approved in FY 2019
- Established in December 2019
- Established by: the Institute for Integrated Cell-Material Sciences (iCeMS), Kyoto University Institute for Advanced Study (KUIAS)
- Partner institution: Academia Sinica, Taiwan
- Location: Academia Sinica, Taipei, Taiwan (outbound)
- Functions: Advanced research in biomedical science fields, expansion of interdisciplinary collaboration, and recruitment of international researchers and students

Positive ripple effects to the university's activities

- The center serves as Kyoto University's point of contact in Taiwan
- The center serves as a hub for exchange with universities and research institutes in Taiwan Kyoto University students are motivated by international students from Taiwan and other countries.
- Promotion of internationalization for Kyoto University students
- The following benefits are anticipated: Promotion of international research collaboration between the Kyoto University Institute for Advanced Study (KUIAS) and IBMS, Academia Sinica (acquiring research funding), recruitment of talented international students through National Taiwan University (NTU), exchange between local students and Kyoto University students, development of international joint/double degree programs using TIGP, and research collaboration with local and Japanese companies
- As Academia Sinica has many research laboratories in the social sciences, developments in the fusion of the humanities and sciences and cross-bound exchange involving other departments are anticipated. The research networks established in Taiwan are expected to be further expanded and effectively utilized for the university as a whole (such as the clinical trial network). Efforts will be made to strengthen relationships with NTU, a strategic partner of Kyoto University.

Activity Overview

Identification and functional analysis of genes involved in molecular sensing through interdisciplinary research



sensing function

Functional screening

State-of-the art equipment Rapid research collaboration Rapid application



functions of interest to individual Pls

Screening technology to identify genes involved in biomedical phenomenon

Academia Sinica Institutes

On-site and Laboratory Centers Center for Integrated Biosystems

Why Taiwan?

Education in Europe and the US High English proficiency

High research standards

Concentration of research institutions

Physical distance

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Main activities in FY 2023

1 Mini Symposium **Kyoto University & Academia Sinica**

Presentations and discussions by six students and researchers from Institute for Integrated Cell-Material Sciences (iCeMS) and Graduate School of Medicine, of Kyoto University and six students and researchers from Institute of Biomedical Sciences (IBMS) of Academia Sinica.



2 Mini Symposium **Kyoto university & National Taiwan University**

Presentations and discussions by six students researchers from the Institute Integrated Cell-Material Sciences (iCeMS) and Graduate School of Medicine University and six students and researchers from the Department of Life Science National Taiwan University (NTU).

