

# Kyoto University On-site Laboratory: iPS Cell Research Center at Gladstone Institutes



## General Information

- ◆ Approved as KU On-site Laboratory in FY 2019
- ◆ Established by the Center for iPS Cell Research and Application (CiRA) in September 2019.
- ◆ Partner institution: Gladstone Institutes, USA
- ◆ Purposes: Further development of world-leading iPS cell research and fostering globally competent early-career researchers
- ◆ Location: Gladstone Institutes, San Francisco, USA (outbound)
- ◆ Functions: Advanced research on iPS cells, training of early-career researchers, and recruitment of international students

## Positive ripple effects to the university's activities

- Advancement in activities of researchers and students through participation in cutting-edge research
- Exploration of new programs beyond the departmental level, including international collaborative research between KU and UCSF

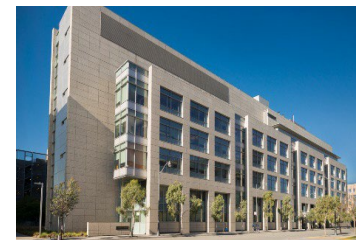
### 【FY 2026】

- Create opportunities to offer internship education to students from neighboring universities.
- Develop research collaborations with other laboratories and partner institutions and deepen the understanding for the functions of pluripotent stem cells.
- Promote further applications of iPS cell technologies to industries and academia.

## Activity Overview



Shinya Yamanaka (PI)



**GLADSTONE  
INSTITUTES**

Shinya Yamanaka (PI)

### VISION:

- Development of global human resources and acceleration of cross-border innovation

### OUTLINE:

- Collaborative research on the mechanisms of protein translation regulation in the proliferation and differentiation of pluripotent stem cells.
- International exchange of researchers and students
- International exchange programs (symposiums, postdoc training programs)

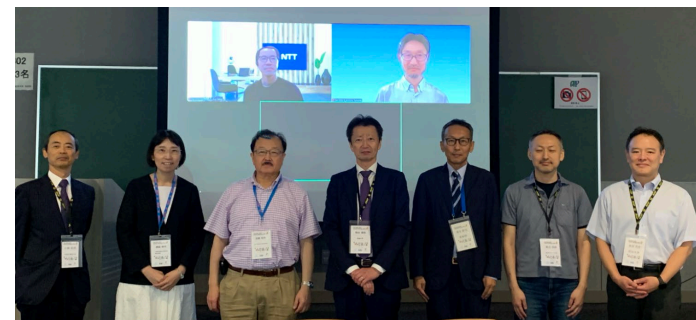
### MANAGEMENT STRUCTURE:

- Associate professor employed by CiRA stationed at the on-site laboratory through a cross-appointment
- Researchers employed by CiRA stationed at the on-site laboratory

## Main Activities in FY 2025

### ① Lecture at the Japan Society of Applied Physics Autumn Meeting 2025

- Dr. Tomoda was invited to the 86<sup>th</sup> JSAP Autumn Meeting 2025 (September 7-10, Meijo University, Nagoya) and gave an online lecture about the latest findings based on the OSL activities.



### ② Further Improvement of Research & Educational Environment

- To further accelerate the research activities at the OSL, we strengthened our team and hired three local research assistants. All of them hope to enter graduate schools, and we are supporting their education through research activities.
- One of the researchers at the OSL was selected for a scholar position offered by a major public research institution in the United States.
- We also initiated a new collaborative research project with a laboratory within the Gladstone Institutes.
- In addition, we presented the research activities at the OSL at the CiRA seminar (July 2025) and a mini-symposium (January 2026), where we exchanged opinions with many domestic researchers.

