

KISHI Kanae

Course	Medical Course (4-year curriculum)
Primary Advisor	Prof. NOMURA Wataru
Internship	CiRA, Kyoto University
Financial Aid	Tuition Waiver of HU WISE Program (since AY2021), HU SPRING (since AY2024)



Expand horizons with a comprehensive study of genome editing

My motivation for enrolling in the Frontier Development Program for Genome Editing was that during my hospital internship at the Faculty of Pharmacy, I strongly empathized with the unmet medical needs and wanted to address them. For this reason, I decided to learn about genome editing, which is expected to be a next-generation medical technology. Our lab is researching how to properly control genome editing activity, with the goal of performing genome editing with a high level of safety that can be applied to living organisms. In this program, students gain comprehensive knowledge of genome editing through lectures and hands-on training. I am currently researching genome editing in mammalian cells, and this program has broadened my horizons by providing me with knowledge about genome editing and its applications in a wide range of species, including animals and algae, with which I have not yet worked.

A Day In The Life (Medical Course)

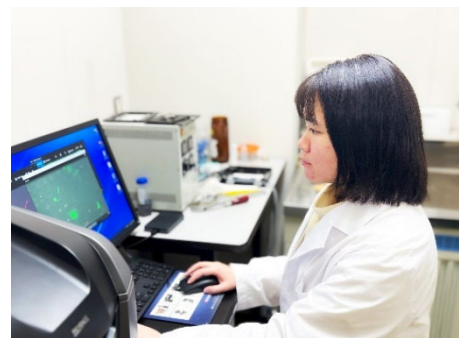
10:00 | Lab experiment

12:00 | Lunch

12:30 | Lab experiment

17:30 | Data analysis / Literature searches

19:30 | Home



Cell fluorescence experiment and observation. This is a useful tool to visualize life phenomena.



Internship at CiRA, Kyoto University, where I gained invaluable knowledge.