

UTokyo Amgen Scholars Program 2025

Host Laboratory and Research Topic

Name of Faculty Member (Title)	Yasushi OKADA (Professor)
Name of Graduate School/ Faculty/ Institute	Graduate School of Medicine
Research Topic & Description	Application of advanced optical microscope technologies such as super-resolution live cell imaging or single-molecule imaging.
Academic Requirements & Expectations	1) Field(s) of Study
	Cell Biology, Biophysics, Molecular and Cellular Neurobiology
	2) Knowledge/ Skill/ Proficiency
	Basic knowledge in cell biology and experience in microscope operation is desirable. Experience in cell culture techniques is preferred but not mandatory.
	3) Academic Background and Research Experience
Depending on the desired project, experience and skills in cell biology experiments, optical system assembly, image processing, or machine learning would be beneficial.	
Lab Website & Relevant Information	http://www.okada-lab.phys.s.u-tokyo.ac.jp/en/about
Campus / Location	Hongo / Yayoi
Area of Research	Molecular, Cell and Developmental Biology Neurobiology Biotechnology