

UTokyo Amgen Scholars Program 2025
Host Laboratory and Research Topic

Name of Faculty Member (Title)	Keitaro TANOI (Professor)
Name of Graduate School/ Faculty/ Institute	Graduate School of Agricultural and Life Sciences
Research Topic & Description	Mutagenesis of Fluorescent Proteins
Academic Requirements & Expectations	1) Field(s) of Study
	DNA: extraction and purification; electrophoresis; Recombinant DNA technology(Gene Cloning); Polymerase Chain Reaction (PCR); UV/VIS Spectrophotometry. Bacteriology: Isolating and screening microorganisms; Bacterial culture identification.
	2) Knowledge/ Skill/ Proficiency
	Biotechnology, Bacteriology
	3) Academic Background and Research Experience
	"It is preferable if the person has a clear motivation what the person wants to do in my lab. It is better to have the experiences to perform PCR and E.Coli culture. "
Lab Website & Relevant Information	https://webpark1571.sakura.ne.jp/radioplantphys/
Campus / Location	Hongo / Yayoi
Area of Research	Biotechnology
	Chemical and Biomolecular Engineering
	Microbiology