

UTokyo Amgen Scholars Program 2022
Host Laboratories & Project Topics

Name of Faculty Member (Title)	TANOI Keitaro (Professor)
Name of Graduate School / Faculty/ Institute	Graduate School of Agricultural and Life Sciences
Research Topic & Research Description	Ion transport assay of plant metal transporters using E.Coli.
Special academic conditions required for research	1) Prerequisite knowledge and/or specific skill and its proficiency
	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) Required study field(s)
	Biotechnology, Bacteriology
	3) Academic background or research project experience to be considered at selection
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	https://webpark1571.sakura.ne.jp/radioplantphys/
Campus	Hongo·Yayoi
Academic Research Areas	Bioengineering Biotechnology Chemical and Biomolecular Engineering
Additional Info.	https://researchmap.jp/keitaro-tanoi?lang=en