

# UTokyo Amgen Scholars Program 2024

## Host Laboratory and Research Topic

<b>Name of Faculty Member (Title)</b>	Keitaro TANOI (Professor)
<b>Name of Graduate School/ Faculty/ Institute</b>	Graduate School of Agricultural and Life Sciences
<b>Research Topic &amp; Description</b>	Ion transport assay of plant metal transporters using E.Coli.
<b>Academic Requirements &amp; Expectations</b>	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. "
<b>Lab Website &amp; Relevant Information</b>	<a href="https://webpark1571.sakura.ne.jp/radioplantphys/">https://webpark1571.sakura.ne.jp/radioplantphys/</a>
<b>Campus / Location</b>	Hongo / Yayoi
<b>Area of Research</b>	Biology  Biotechnology  Bioengineering