

UTokyo Amgen Scholars Program 2024

Host Laboratory and Research Topic

Name of Faculty Member (Title)	Robert E. Campbell (Professor)
Name of Graduate School/ Faculty/ Institute	Graduate School of Science
Research Topic & Description	Protein engineering for the development of genetically encoded biosensors
Academic Requirements & Expectations	1) Field(s) of Study
	Cell biology; chemistry; protein structure; neurobiology
	2) Knowledge/ Skill/ Proficiency
	Molecular biology; directed evolution; chemical biology; fluorescence
	3) Academic Background and Research Experience
At a minimum, applicants should have taken introductory University-level organic chemistry and biochemistry. They should be familiar with the main techniques of molecular biology, including PCR and protein expression.	
Lab Website & Relevant Information	https://www.chem.s.u-tokyo.ac.jp/campbell/
Campus / Location	Hongo / Yayoi
Area of Research	Chemical and Biomolecular Engineering
	Biochemistry
	Neurobiology