

# UTokyo Amgen Scholars Program 2024

## Host Laboratory and Research Topic

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