### UTokyo Amgen Scholars Program 2024
Host Laboratory and Research Topic

<table>
<thead>
<tr>
<th>Name of Faculty Member (Title)</th>
<th>Yasushi OKADA (Professor)</th>
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<tr>
<td>Name of Graduate School/ Faculty/ Institute</td>
<td>Graduate School of Science</td>
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<tr>
<td>Research Topic &amp; Description</td>
<td>Development and application of new optical microscope for super-resolution or single-molecule imaging in living cells or in vitro.</td>
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#### Academic Requirements & Expectations

1) **Field(s) of Study**

Biophysics, Cell Biology

2) **Knowledge/ Skill/ Proficiency**

Basic knowledge of microscope optics is desirable.

3) **Academic Background and Research Experience**

Depending on the desired project, experience and skills in cell biology experiments, optical system assembly, image processing, or machine learning would be beneficial.

#### Lab Website & Relevant Information


#### Campus / Location

Hongo / Yayoi

#### Area of Research

- Biotechnology
- Molecular, Cell and Developmental Biology
- Neurobiology