

# UTokyo Amgen Scholars Program 2024

## Host Laboratory and Research Topic

<b>Name of Faculty Member (Title)</b>	Beomjoon (B.J. ) KIM (Professor)
<b>Name of Graduate School/ Faculty/ Institute</b>	Institute of Industrial Science
<b>Research Topic &amp; Description</b>	Micro/nano fabrication & NEMS for bio/medical applications Specially, Micro needle Array Patch for new Drug delivery systems and Bio sensors
<b>Academic Requirements &amp; Expectations</b>	1) Field(s) of Study
	Bio engineering, Mechanical Engineering, Chemical Engineering
	2) Knowledge/ Skill/ Proficiency
	General mechanical engineering or chemical engineering knowledge at undergraduate level
	3) Academic Background and Research Experience
	Physical chemistry, material science background will be very helpful
<b>Lab Website &amp; Relevant Information</b>	<a href="http://www.kimlab.iis.u-tokyo.ac.jp/publication/publication.html">http://www.kimlab.iis.u-tokyo.ac.jp/publication/publication.html</a>
<b>Campus / Location</b>	Komaba II <a href="https://www.iis.u-tokyo.ac.jp/en/access/">https://www.iis.u-tokyo.ac.jp/en/access/</a>
<b>Area of Research</b>	Bioengineering  Chemical and Biomolecular Engineering  Biochemistry