UTokyo Amgen Scholars Program 2027

Host Laboratory and Research Topic

Name of Faculty Member	Miho Yanagisawa, Associate Professor
Name of Graduate School / Institute	Graduate School of Arts and Sciences
Research Topic & Description	1. Mimicking Cellular Functions Using Synthetic Cells 2. Understanding Intracellular Phase Transitions from the Perspective of Soft Matter and Polymer Physics
Academic Requirements & Expectations	**1) Field(s) of Study**
	A basic understanding of polymer physics, chemical physics, and thermodynamics is required.
	2) Knowledge/ Skill/ Proficiency
	A basic understanding of polymer physics, chemical physics, and thermodynamics is required.
	3) Academic Background and Research Experience
	Prior experience in biophysical or physicochemical experiments involving biomacromolecules or synthetic polymers is preferred. Experience with microscopy operation, image acquisition, and data analysis is also advantageous.
Website & Relevant Information	https://sites.google.com/g.ecc.u-tokyo.ac.jp/yanagisawa-lab/
Campus / Location	Komaba II
Area of Research	Chemical and Biomolecular Engineering Statistics