UTokyo Amgen Scholars Program 2027

Host Laboratory and Research Topic

Name of Faculty Member	Hiroki R. UEDA, Professor
Name of Graduate School / Institute	Graduate School of Medicine
Research Topic & Description	Topics: Sleep, circadian rhythms, tissue clearing and systems biology. We aim to elucidate the mechanisms underlying the regulation of sleep/wake cycles and circadian rhythms through a systems biology approach.
Academic Requirements & Expectations	**1) Field(s) of Study** Systems Biology, Genetics, Molecular Biology, Computational Neuroscience, Mathematical Modeling, Behavioral Data Analysis, Sleep and Circadian Rhtyhms Research, etc. **2) Knowledge/ Skill/ Proficiency** It depends on the project, but in general, a basic knowledge on neuroscience, physiology, mathematics, and/or skills in programming, animal experimentation, or immunohistochemistry are preferred. **3) Academic Background and Research Experience** We welcome students who have experienced in animal experiments, molecular biological experiments, and/or bioinformatics. We welcome students who have deep interest in sleep and circadian rhythm research and tissue clearing technology.
Website & Relevant Information	https://sys-pharm.m.u-tokyo.ac.jp/
Campus / Location	Hongo / Yayoi
Area of Research	Neuroscience Bioinformatics Neurobiology