

UTokyo Amgen Scholars Program 2022  
Host Laboratories & Project Topics

Name of Faculty Member (Title)	UEDA R. Hiroki (Professor)
Name of Graduate School / Faculty/ Institute	Graduate School of Medicine
Research Topic & Research Description	Systems biology of mammalian sleep regulation using modeling, next-generation genetics, and tissue-clearing methods.
Special academic conditions required for research	<b>1) Prerequisite knowledge and/or specific skill and its proficiency</b>
	Depends on the project students will participate in. In general, a basic knowledge of neuroscience, biochemistry, and bioinformatics is desirable.
	<b>2) Required study field(s)</b>
	Biology, Chemistry, and /or informatics. Students who major mathematics may be acceptable.
	<b>3) Academic background or research project experience to be considered at selection</b>
	We welcome students who have experienced in animal experiments, molecular biological experiments, and/or bioinformatics. We welcome students who have deep interest in sleep / circadian rhythm research.
Lab Website	<a href="https://sys-pharm.m.u-tokyo.ac.jp/index.html">https://sys-pharm.m.u-tokyo.ac.jp/index.html</a>
Campus	Hongo
Academic Research Areas	Biochemistry Molecular Genetics Neuroscience