

UTokyo Amgen Scholars Program 2024

Host Laboratory and Research Topic

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| Name of Faculty Member (Title) | Kenzo Hirose (Professor) |
| Name of Graduate School/ Faculty/ Institute | Graduate School of Medicine |
| Research Topic & Description | <ul style="list-style-type: none"> •Research of molecular mechanism of synaptic function focusing on nano-scale molecular distribution within synapses and spatiotemporal dynamics of neurotransmitter. •Development of novel methodology of fluorescence imaging technique for life science researches. |
| Academic Requirements & Expectations | 1) Field(s) of Study |
| | Basic biology, neuroscience, pharmacology and biochemistry |
| | 2) Knowledge/ Skill/ Proficiency |
| | Knowledge of basic biology and neuroscience/Undergraduate level |
| | 3) Academic Background and Research Experience |
| Strong interest and enthusiasm for neuroscience research and/or for developing a methodology of fluorescent imaging for life science research | |
| Lab Website & Relevant Information | http://www.pharmacol.m.u-tokyo.ac.jp/index.html http://www.pharmacol.m.u-tokyo.ac.jp/Hirose%20lab%20introduction.mp4 |
| Campus / Location | Hongo / Yayoi |
| Area of Research | Neuroscience Medical Pharmacology Chemical and Biomolecular Engineering |