### UTokyo Amgen Scholars Program 2019

**Host Laboratories & Project Topics**

<table>
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<tr>
<th>Name of Faculty Member (Title)</th>
<th>Yasuteru URANO (Professor)</th>
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<tr>
<td>Name of Graduate School / Faculty/ Institute</td>
<td>Graduate School of Pharmaceutical Sciences</td>
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| **Research Topic & Research Description** | 1) Design and synthesis of activatable fluorescent probes for biological and medical applications  
2) Application of activatable probes to the fluorescence imaging of live samples such as cultured cells, experimental animals, and fresh clinical samples |
| **Special Academic Conditions required for Research** | 1) Prerequisite knowledge and/or specific skill and its proficiency  
Basic knowledge and skill of organic synthesis.  
Interests in the research area of "Chemical Biology" (i.e., not only chemistry, but also biology).  
2) Required study field(s)  
Organic Chemistry, Analytical Chemistry.  
3) Academic background or research project experience to be considered at selection  
Organic synthesis. |
| **Lab Website** | [http://www.f.u-tokyo.ac.jp/~taisha/en/](http://www.f.u-tokyo.ac.jp/~taisha/en/) |
| **Lab Location** | Hongo Campus |
| **Academic Research Areas** | Chemical and Biomolecular Engineering  
Chemistry |