### UTokyo Amgen Scholars Program 2017

#### Host Labs & Project Topics

<table>
<thead>
<tr>
<th>Name of Faculty Member (Title)</th>
<th>Madoka TAKAI (Professor)</th>
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<tbody>
<tr>
<td>Name of Graduate School / Institute</td>
<td>Graduate School of Engineering, Department of Bioengineering</td>
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<tr>
<td>Research Topic &amp; Research Description</td>
<td>Development and Evaluation of Biomaterials for Biomedical devices</td>
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| Special academic conditions required for research | 1) **Prerequisite knowledge and/or specific skill and its proficiency**  
Knowledge of materials science, biology, but not required.  
2) **Required study field(s)**  
Physical Chemistry, Polymer Science at the undergraduate level  
3) **Academic background or research project experience to be considered at selection**  
Basic knowledge and experiment in the above disciplines would be useful, but not required. |
| URL | http://park.itc.u-tokyo.ac.jp/takai/index.html |
| Academic Research Areas | Bioengineering  
Biotechnology  
Chemical and Biomolecular Engineering  
Chemistry |