<table>
<thead>
<tr>
<th>Name of Faculty Member (Title)</th>
<th>Tomohiko OHWADA (Professor)</th>
</tr>
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<tbody>
<tr>
<td>Name of Graduate School / Institute</td>
<td>Graduate School of Pharmaceutical Sciences</td>
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| Research Topic & Research Description | 1) Design, synthesis and computational simulation of molecules aimed for medicinal chemistry.  
2) Structural control and synthesis of peptide mimics.  
3) Development of molecular transformations involving cationic species |
| Special academic conditions required for research | 1) **Prerequisite knowledge and/or specific skill and its proficiency**  
Fundamental knowledge of Organic Chemistry and Biochemistry.  
Fundamental Laboratory practice in Organic Chemistry.  
2) **Required study field(s)**  
Organic Chemistry, Analytical Chemistry.  
3) **Academic background or research project experience to be considered at selection**  
Not specified. |
| Academic Research Areas | Chemistry  
Medicinal Chemistry  
Molecular Medicine |