### Name of Faculty Member (Title)
- Chikara FURUSAWA (Professor)

### Name of Graduate School / Faculty/ Institute
- Graduate School of Science

### Research Topic & Research Description
- Analysis of dynamic behavior of biological systems (e.g., evolution, environmental adaptation, and cell differentiation) by using computer simulations and data analysis.

### Special Academic Conditions required for Research

<table>
<thead>
<tr>
<th>1) Prerequisite knowledge and/or specific skill and its proficiency</th>
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<tbody>
<tr>
<td>Computer programming, Numerical simulation</td>
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<th>2) Required study field(s)</th>
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<tr>
<td>Biology, Physics, Mathematics at the undergraduate level</td>
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<th>3) Academic background or research project experience to be considered at selection</th>
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<td>none</td>
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### Lab Website
- [http://www.s.u-tokyo.ac.jp/en/people/furusawa_chikara/](http://www.s.u-tokyo.ac.jp/en/people/furusawa_chikara/)

### Lab Location
- Hongo Campus

### Academic Research Areas
- Bioinformatics
- Biotechnology
- Microbiology