

Professor Name

Yuzo Takayama (Mr.)

Laboratory name

Micro Biosystem Laboratory

Laboratory Website

<https://www.shibaura-it.ac.jp/en/research/laboratory/00327.html>

Keyword

Microfabrication, Stem cells, Imaging, Assay system, Cell culture

Tasks in the laboratory

Research to enhance the functionality of cultured tissues by combining biotechnology such as cell culture and imaging with engineering technologies such as microfabrication and electrical stimulation.

Program period

More than 3 months

Required skills

none

Desired skills (Preferred skills)

none

Eligibility-school year

- Bachelor 3rd
- Bachelor 4th or higher
- Master 1st
- Master 2nd
- PhD 1st
- PhD 2nd
- PhD 3rd

Eligibility-student's major/fields

- Mechanical
- Chemistry
- Material
- Electrical
- Electronic
- Computer Science
- Life Science
- Mathematical
- Civil Engineering
- Architecture
- Engineering and design
- Other