

Professor Name

Koji Fukui (Mr.)

Laboratory name

Molecular Cell Biology

Laboratory Website

<https://sit-mcblab.sakura.ne.jp/>

Keyword

Aging, Oxidative Stress, Antioxidant, Mouse, Rat, Cell Culture

Tasks in the laboratory

- Free Radical Theory of Brain Aging
- Antioxidant Activity and Anti-Obesity Effect of Tocotrienols or Mixed Supplements
- Judgement of Cognitive Dysfunction using Maze tasks
- Mitochondrial Dysfunction using AD mice or Cultured Cell
- The mechanism of Sodium Hypochloride using Ion Chromatography and ESR
- Beneficial Function of the Deep-sea water

Program period

Less than 6 months

Required skills

Basic laboratory skills

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
- Lifescience
- Mathematical
- Civil Engineering
- Architecture
- Engineering and design
- Other