Process for Using the Facilities

STEP 01 Inquiries

We welcome inquiries from both internal and external researchers. Details of available equipment and facilities are listed in the attached document or on our website.

website

Please send your inquiry to the Division of Research Promotion (Reception Desk) at sangakukan@ompu.ac.jp.

Required information:

- Your name
- Affiliation
- Equipment or facilities you wish to use
- Outline of the research plan
- Desired experiment period
- Items you plan to bring
- Any concerns regarding infection or hazardous materials
- Estimated cost / Budget

STEP 02 Consultation

We will hold a meeting to discuss the equipment usage procedures and your research plan.

STEP 03 Facility tour

You will visit the facility and try out the equipment together with the staff, assuming actual use.

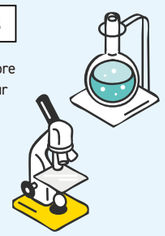
STEP 04 Application / Review / Contract

Submit the application form. After committee approval, the contract will be finalized.

STEP 05 Facility Use Begins

Please reserve the equipment or facilities before use. Support services are available during your usage.

Available hours
Weekdays 10:00~16:00



Q Can we use the facilities for a single experiment, or for long-term experiments lasting over one year?

A Yes. You can access lab equipment during the contract period.
Note: Your access is limited when maintenance or operational requirements are needed.

Q Can we use the equipment even if we have no prior experience for its operation?

A Yes. Our staff supports you from initial steps to advanced ones.
Note: This service is fee-based (see attached document).

ACCESS

Main Campus (Faculty of Medicine)

2-7, Daigakumachi, Takatsuki, Osaka 569-8686, Japan

- JR Tokaido Main Line (JR Kyoto Line): 8-minute walk from the South Exit of "**Takatsuki**" Station
  Free shuttle bus available from "**Takatsuki**" Station
- Get off at "**Takatsuki-shi**" station on the Hankyu Kyoto line
  Immediately from Exit 1

Abuyama Campus (Faculty of Pharmaceutical Sciences)

4-20-1 Nasahara, Takatsuki, Osaka 569-1094, Japan

JR Tokaido Main Line (JR Kyoto Line) "**Settsu Tonda**" Station or after getting off at "**Tonda**" Station on the Hankyu Kyoto line from Takatsuki City Bus "**JR Tonda** Station" at platform 4
At the "**Osaka Medical and Pharmaceutical University (Faculty of Pharmacy)**" line or the "**Kodanabuyama**" line
Immediately after getting off at "**Osaka Medical and Pharmaceutical University (Faculty of Pharmacy)**"

For detailed directions to each campus, please refer to our website.

Osaka Medical and Pharmaceutical University

Reception Desk : Division of Research Promotion 2-7 Daigakumachi, Takatsuki, Osaka 569-8686 (Main Campus)

For inquiries, please click here. e-mail:sangakukan@ompu.ac.jp

For more details, please check our website.

Osaka Medical and Pharmaceutical University

Lab Support Services Shared Equipment and Facilities

Osaka Medical and Pharmaceutical University Offers Lab Equipment and Facilities for Cutting-Edge Research !

To promote industry-academia-government collaboration and scientific innovation, we have launched a "shared system" that allows external researchers to access the research equipment and facilities in our university.
Our Shared System features large-scale, highly effective, and convenient equipment selected to meet the needs of external researchers.
As a special offer for the launch, usage fees will be waived for first-time users. We encourage you to take advantage of this opportunity.
For access, please contact the Reception Desk (Division of Research Promotion).

Point 01 Efficient Use of Limited Resources

Point 02 Advancement of External Collaboration

Point 03 Effective Management and Operation with Advanced Expertise

Do you have these kinds of concerns?

- You do not have access to the necessary research equipment or facilities in your institution.
- You are looking for external access to research equipment or facilities needed for your experiments.
- You are looking for opportunities to share research equipment or facilities with other research institutions.
- You have other questions or concerns regarding research equipment or facilities.

All you need is to bring the samples to be measured!

You can use the equipment and supplies in the shared laboratory.

Research Consultation:
Hear and assess your needs for equipment and facilities.

Research Planning:
Plan your research, including equipment/facility use and schedule coordination.

Research Execution:
Conduct your research using the equipment and facilities.

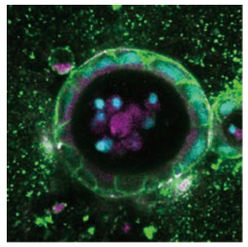
Collaboration:
Share results and move to the next stage.

Advancement:
Generate new insights and create new opportunities for the future.

Flow

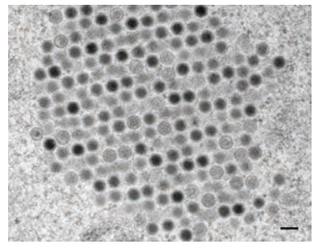
Introduction of Sample Data

Faculty of Medicine



Confocal Laser Microscope

Model: **STELLARIS 8 Leica**
Materials: **MDCK cells in 3D culture**
Conditions: **25 × water immersion objective + 4 × zoom**
Staining: **Cyan** – Nucleus, **Green** – Integrin
Magenta – Fluorescent protein expressed in the cells



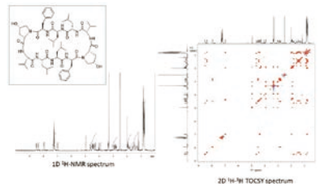
Transmission Electron Microscope (TEM)

Model: **HT7800 Hitachi High-Tech**
Materials: **Adenovirus (AdV), Vero cells (nuclear)**
Conditions: **Accelerating voltage 80 kV, magnification × 15,000**
Staining: **Double staining with uranyl acetate and lead**

Shared Laboratory

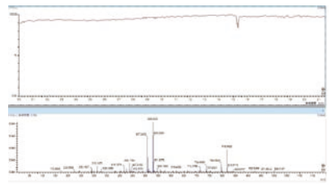
Standard laboratory equipment and consumables are available for use.
Examples: Various pipettes (single, multi, electronic)
Tubes (1.5 mL, 15 mL, 50 mL)
Centrifuge, benchtop incubator, microscope, etc.

Faculty of Pharmaceutical Sciences



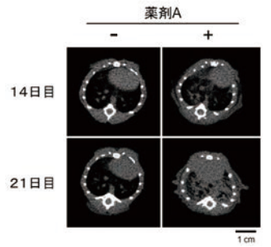
Nuclear Magnetic Resonance (NMR)Spectrometer

Identification of synthetic peptide structures using **Nuclear Magnetic Resonance (NMR) spectrometer**



Mass Spectrometer (MS)

High-resolution mass analysis using a **Mass Spectrometer (MS)**



Small Animal In Vivo Imaging System

Computed Tomography (CT) imaging of mouse lungs using a **small animal in vivo imaging system**

Please refer to the reverse side for the usage procedure.