



Graduate School of Medical Science
University of Occupational and Environmental Health, Japan

Initiatives for Attractive Education in Graduate Schools

2027 Application Procedures

Asia International Educational Program
for Graduate Students in the Field of Occupational Health



産業医科大学 大学院医学研究科

産業医科大学開学40周年記念事業

(旧：文部科学省「魅力ある大学院教育」イニシアティブ事業)

アジア国際産業医学研究者養成プログラム

2027年 募集要項

How to get to UOEH



■ Nearest Train Station ▯ ▯ ▯ Orio Station

■ Transportation

✈ Fukuoka Airport ⇒ ⇒ ⇒ Hakata Station ⇒ ⇒ ⇒ Orio Station ⇒ ⇒ ⇒ UOEH
Subway 10 minutes Japan Railway 40 minutes Bus 5~10 minutes

✈ Kitakyushu Airport ⇒ ⇒ ⇒ ⇒ ⇒ UOEH
Airport Bus 70 minutes



2027 Application Procedures

Asia International Educational Program
for Graduate Students in the Field of Occupational Health

For General Inquires and Documents Submission

A d d r e s s	Educational Affairs Section University of Occupational and Environmental Health, Japan 1-1, Iseigaoka, Yahatanishi-ku, Kitakyushu, Fukuoka, 807-8555, Japan
T E L	+81-93-691-7207
F A X	+81-93-602-5482
E - m a i l	initia@mbox.pub.uoeh-u.ac.jp
U R L	https://www.uoeh-u.ac.jp/english/graduate/asiaprogram.html

A p p l i c a t i o n P e r i o d

All documents must be sent by post (registered mail or special delivery) to the address above by **Wednesday, September 30, 2026.**

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I . Course Information

1. Research Groups

1 . The Second Department of Pathology	Prof. Toshiyuki Nakayama
Clinico-pathological research in ① Gastrointestinal disease / cancer ② Renal disease ③ Endocrine and metabolic disease / cancer	
2 . Public Health	Prof. Akinori Nakata
1. Psychosocial factors at work and worker well-being 2. Occupational sleep epidemiology 3. Women's health We welcome students who are enthusiastic about research, respectful of others, and able to work effectively in a collaborative environment.	
3 . Department of Neurology	Prof. Hiroaki Adachi
Research project: Mechanism of neurodegenerative disorders and related molecules with the aim of developing therapies Neurodegenerative diseases (NDDs), including polyglutamine diseases and motor neuron diseases are a group of intractable diseases that significantly affect human health. To date, the pathogenesis of NDDs is still poorly understood and effective disease-modifying therapies for NDDs have not been totally established. NDDs share the common morphological characteristic of the deposition of abnormal proteins in the nervous system, including neurons. We investigate molecular mechanisms that regulate the decrease of pathogenic species and aim to elucidate how those therapeutic process contributes to ameliorate the pathology of NDDs. We also elucidate the role of protein quality control system and its related molecules in the removal of abnormal toxic proteins.	
4 . The First Department of Internal Medicine	Prof. Shingo Nakayamada
1. Molecular and biological research to clarify pathogenesis od autoimmune diseases such as rheumatoid arthritis (RA) and systemic lupus erythematosus (SLE). 2. Clinical research to establish new therapeutic strategies of autoimmune diseases such as RA and SLE, shedding light upon biological products and JAK inhibitors. 3. Clinical research to establish new therapeutic strategies of endocrine and metabolic diseases including Basedow disease, DM and osteoporosis. 4. Phenotypic analysis of lymphocytes to clarify disease mechanisms and to approach to precision medicine in rheumatic/autoimmune diseases in FLOW registry and LOOPS registry.	

5 . Department of Dermatology

Prof. Yu Sawada

1. Epigenetics and skin immunity/tolerance
2. Omega-3 fatty acids and inflammatory skin diseases
3. Interactions between inflammatory skin diseases-mediated systemic inflammatory disorders
4. STING-mediated anti-tumor immunity in cutaneous malignancies

6. The Second Department of Internal Medicine

Prof. Masaharu Kataoka

We are investigating the inflammatory mechanisms underlying cardiovascular diseases, including atherosclerosis, myocardial infarction, and heart failure, with a focus on macrophage biology. Our research covers molecular pathway discovery to the development of next-generation anti-inflammatory therapeutics. We employ both classical approaches (histopathology and cell-based assays) and cutting-edge technologies:

- **Single-cell transcriptomics (scRNA-seq)** for high-resolution profiling of immune cell states in diseased tissue
- **3D tissue clearing and light-sheet microscopy** for single-cell resolution imaging of immune cell distribution in the vasculature and heart
- **Genetically engineered mouse models** of atherosclerosis, myocardial infarction, vascular injury, and chronic kidney disease
- **Nanomedicine and siRNA delivery systems** to modulate vascular inflammation in vivo

Our goal is to translate these mechanistic findings into innovative and clinically applicable therapies. We actively collaborate with pharmaceutical and regulatory scientific experts to improve patient outcomes.

Major Research Themes

1. Notch signaling and cardiovascular disease

We investigated how Notch signaling, especially in macrophages, contributes to cardiovascular diseases. Our recent work demonstrated that Dll1 blockade inhibits atherosclerotic lesion formation and attenuates plaque vulnerability (J Atheroscler Thromb, 2026).

2. Mitochondrial dynamics and inflammation in cardiovascular diseases

We clarified how mitochondrial morphological changes modulate macrophage function and inflammation in cardiovascular pathologies. We recently showed that mitochondrial fission mediated by dynamin-related protein 1 protects macrophages from mitochondrial DNA-driven inflammation and suppresses post-infarct cardiac remodeling (Cardiovasc Res, 2026).

3. Nanomedicine and nucleic acid therapeutics

We are developing targeted drug/siRNA delivery systems designed to modulate vascular inflammation and prevent disease progression. This theme integrates molecular biology, materials science, and translational pharmacology to develop innovative therapeutics.

Doctoral candidates will have the opportunity to gain experience in our research themes, publish their findings in internationally recognized journals, and obtain a PhD. Our laboratory has a strong track record of hosting researchers from different countries.

7. Ergonomics	Prof. Takeshi Ebara
Human Factors and Ergonomics with a focus on interventions for work-related musculoskeletal disorders and innovative healthcare programs utilizing digital mental health technologies.	
8. Emergency and Intensive Care Medicine	Prof. Masayuki Ozaki
Our department conducts both translational and clinical research focusing on critical care conditions such as sepsis and severe heatstroke.	
Main Research Themes:	
-Microcirculatory dysfunction in sepsis -Pathophysiology of sepsis-induced DIC (Disseminated Intravascular Coagulation) -Role of complement activation in severe clinical conditions	

- 8 research groups are available for the 2027 program.
- Students pursue studies with Japanese students through the four-year doctoral course.

2. Course Duration

April 1, 2027 ~ March 31, 2031 (Four Year Course)

3. Diploma

Students, upon successful completion of the course and passing a formal assessment of qualification, will receive a doctoral degree (Doctor of Philosophy in Medical Science) at the end of the course.

- Put in four years of attendance
- Fulfillment of 36 credits
- Submission of a dissertation based on specified instructions
- Approval of the doctoral dissertation
- Success in the final examination

II. Eligibility and General Requirements

1. Nationality

Must be citizens of Asian countries other than Japan.

2. Age Limit

Must be 24 years of age or over as of April 1, 2027.

(In principle, must be under 35 years of age.)

3. Education

Must have completed an education course of no less than 18 years.

(Give full details of education history. Specified form is provided.)

4. Academic Background

Must hold either a Medical Degree or a Master's degree (in western medical or public health) from an accredited university.

5. Language Abilities

- English: It is the language of instruction and research guidance in the program.

All students **must** have a sufficient level of English ability.

Those who have a result of an internationally-recognized English Language Skill Test must submit it.

- Japanese: Desirable to have an entry-level competency.

Successful applicants **must** have a fundamental skill of Japanese language competency when entering UOEH.

Intermediate-level competency will be required after entering UOEH as some lectures are held in Japanese.

Applicants are required to submit a certificate of results from the Japanese-Language Proficiency Test (JLPT) or other documents objectively demonstrating Japanese language proficiency, such as a certificate of attendance at a Japanese language school.

※If you are unable to submit proof of English proficiency and Japanese language proficiency at the time of application, your proficiency may be assessed through an online interview or other methods.

6. Others

- Students must start the course in April, 2027.
- Those who are still in school when the application is made;
 - Must graduate by March 2027.
 - Must submit a certificate of expected graduation with other application forms.

- Students are not allowed to belong to other educational institutes during taking the course at UOEH.

III. Contents of Scholarship

1. Types of scholarship

<Scholarship-A>

- Registration Fee : Exempted
- Tuition Fees : Exempted
- Residence : Furnished twin dormitory room (equipped with a bathroom) will be provided rent free. Add-on fees such as electricity, water, laundry and phone charges shall be self-borne.
- Stipend : 80,000 yen per month (paid for research assistant work)
- Length of Scholarship : 4 years during taking the course

<Scholarship-B>

- Registration Fee : 141,000 yen
- Tuition Fees : 267,900 yen per year
- Residence : Furnished twin dormitory room (equipped with a bathroom) will be available for about 30,000 yen per month. (Discount may be available upon application.) Add-on fees such as electricity, water, laundry and phone charges shall be self-borne.
- Stipend : 80,000 yen per month (paid for research assistant work)
- Length of Scholarship : 4 years during taking the course

A student will be able to apply for another scholarship to cover whole or half of the tuition fees after enrolment for the graduate course. Furthermore, there are scholarships provided by private foundations for foreign graduate students.

2. Notes

- Number of grantee for each scholarship may change every year.
- Length of Scholarship is non-extendable.
- When a student takes a temporary leave of absence, part of scholarship will be revoked during the period.
- Scholarship will be revoked under any of the following circumstances.
 - When submitted documents are found to be false.
 - When a student being subjected to the disciplinary action by the university.
 - When a student dropouts.

3. Evaluation: UOEH evaluates student's progress in the second year.

- When a student is judged as follows UOEH will make certain actions.
 - There is no prospect of maintaining satisfactory academic progress.
 - Attitudes and behavior of students about research and study are not appropriate.
- Actions UOEH makes.
 - No more acceptances of students from the universities which recommend those students.
 - Revocation of scholarship.
 - Expulsion from UOEH.

IV. Application Procedures

1. Application Documents

- 1) Application Form (**Form A**)
- 2) A color copy of passport
- 3) Recommendation letter
 - Must be written on a university letterhead paper in English by the **president** or **dean**.
- 4) Curriculum Vitae (**Form B**)
- 5) Publication Lists (**Form C**)
- 6) Research interests and perspective (400 words)
- 7) Certificate of Graduation (University and Graduate School only)
- 8) Certificate of Completion and Grade Transcript (University and Graduate School only)
- 9) Certificate of Degree (University and Graduate School only)
- 10) Certificate of Employment or Research History
- 11) Two color photographs
 - 4cm (height) × 3cm (width)
 - Must be taken showing the upper half of the body and full front face without a hat/cap within 3 months of application
 - Must be clear enough without background
 - One must be attached in the space provided on the Application Form
- 12) Copy of family register
- 13) Applicant Information Sheet (**Form D**)
- 14) Results of internationally-recognized English Language Skill Test
- 15) Documents that certify Japanese language proficiency

2. Mailing Address for Documents Submission

Educational Affairs Section University of Occupational and Environmental Health, Japan 1-1, Iseigaoka, Yahatanishi-ku, Kitakyushu, Fukuoka, 807-8555, Japan

3. Application Period

All documents must be sent by post (registered mail or special delivery) to the address above by Wednesday, September 30, 2026.

4. Notes

- All documents must be completed in English.
- Certificates which are written in applicant's mother tongue must be officially translated into English and submit together.
- In the case a certificate is original one and applicant has only one copy, a photocopy is acceptable.
- We accept one application per university
- Those who are still in school must graduate by March, 2027 and submit Certificate of Expected Graduation

V. Screening Procedures

- The screening will be conducted on the basis of the submitted application documents and an online interview (where necessary).
- Interviews, if required, will be scheduled individually and conducted in mid-October.
- The result will be announced around the end of November 2026.

VI. Visa

- It is applicant's responsibility to collect information to apply for a visa to study in Japan.
- Contact UOEH in the case applicants need to obtain a student visa for entering Japan and wish us to make an application for the 'Certificate of Eligibility' at the Immigration Bureau as a proxy.

VII. Inquiries

Address	Educational Affairs Section University of Occupational and Environmental Health, Japan 1-1, Iseigaoka, Yahatanishi-ku, Kitakyushu, Fukuoka, 807-8555, Japan
Tel No.	+81-93-691-7207
Fax No.	+81-93-602-5482
E-mail	initia@mbox.pub.uoeh-u.ac.jp
URL	https://www.uoeh-u.ac.jp/english/graduate.html