

**This document is a translation of the authoritative Japanese version**

**Guidelines for Applicants to the 2025**  
**(admissions in October 2024 or April 2025)**  
**Doctoral Program**  
**Department of Pharmaceutical Sciences**

**Graduate School of Pharmaceutical Sciences**  
**The University of Tokyo**

**Guidelines for Applicants to the 2025 (admissions in October 2024 or  
April 2025) Doctoral Program**  
**Department of Pharmaceutical Sciences**  
**Graduate School of Pharmaceutical Sciences, the University of Tokyo**

Educational and Research Objectives :

Pharmaceutical Sciences is an academic field that covers the development and application of pharmaceuticals. The field encompasses fundamental, life-related substances and their interactions with life. The mission of the Graduate School of Pharmaceutical Sciences at the University of Tokyo is to achieve the highest standard in academic research as well as to train and educate future leaders who will contribute to the development of pharmaceutical sciences and basic life sciences, governmental policies on medical and pharmaceutical affairs, and also contribute to our society as pharmacists capable of highly advanced medical treatment.

Admission Policy :

The University of Tokyo Graduate School of Pharmaceutical Sciences' Doctoral Program in Dept. of Pharmaceutical Sciences engages in top-level education and research activity focused on the fields of organic chemistry, physical chemistry, and biochemistry, following the school's diploma policy and curriculum policy. It seeks to develop talented researchers in drug-discovery science and basic life science who are ready to be leaders across the wide range of fields covered by pharmaceutical sciences, including chemical, physical, and biological pharmaceutical science.

With these goals in mind, the school's Doctoral Program in Dept. of Pharmaceutical Sciences seeks applicants able to independently and integratedly acquire the pharmaceutical thought process with roots in deep specialization and gain advanced logical methodologies and analytical abilities, as well as people who want to take developmental leadership roles across the range of core and applied sciences covered by pharmaceutical sciences, based on advanced knowledge and research capacity, and work in their field on the international stage in the future.

The selection process will test applicants in specialized knowledge, and English-language skills related to the above fields by written or other methods of specialized examination, oral examination, foreign language examination, examination of the thesis for a master's degree or its substitute, and academic achievement at the school from which the applicant graduated and evaluating them based on their presentation skills and overall character.

## 1. Eligibility Requirements

Those who meets any of the following requirements (1) to (11)

- (1) Those who are expected to obtain by March 31st, 2025 a Master's or professional degree from this graduate school of the University of Tokyo. \*<sup>6</sup>
- (2) Those who are expected to obtain by March 31st, 2025 a Master's or professional degree from other graduate schools of the University of Tokyo. \*<sup>6</sup>

- (3) Those who have obtained a Master's or professional degree from the University of Tokyo.
- (4) Those who have obtained or are expected to obtain by March 31st, 2025 a Master's or professional degree from a Japanese university other than the University of Tokyo. \*1\*6
- (5) Those who have been conferred a Master's degree or are expected to be conferred on or before March 31st, 2025 from the National Institution for Academic Degrees and Quality Enhancement of Higher Education (NIAD). \*6
- (6) Those who have been conferred or are expected to be conferred on or before March 31st, 2025 a degree equivalent to a Master's or a professional degree abroad. \*2\*6
- (7) Those who have completed, or are expected to complete by March 31st, 2025, a program in an educational institution in Japan that is designated by the Minister of Education, Culture, Sports, Science and Technology, which provides program of a foreign graduate school within the school education system of a foreign country, and have conferred or are expected to be conferred a degree equivalent to a Master's or a professional degree. \*6
- (8) Those who have completed or are expected to complete a program at the United Nations University and have been conferred a degree equivalent to that of a Master's degree or are expected to be conferred on or before March 31st, 2025. \*6
- (9) Those who have passed or are expected to pass by March 31st, 2025 a screening for the fundamental ability for doctorate dissertation research as specified in Article 16-2 of the Standards for Establishment of Graduate Schools at a school abroad, an educational institution mentioned in eligibility (7) above, or the United Nations University, shall be recognized by this graduate school as having abilities at least equivalent to those who have a Master's degree. \*3\*6
- (10) Those who have graduated from a Japanese university or have completed at least 16 years of academic education overseas, and have been engaged in research at a university, research institute or other institution in Japan or abroad for at least 2 years, or are expected to have been engaged in research for at least 2 years by March 31st, 2025, and shall be recognized by this graduate school as having abilities at least equivalent to those who have a Master's degree or a professional degree as a result of said research. \*1\*2\*4\*6
- (11) Those 24 years or older as of March 31st, 2025, whom this graduate school has recognized, through individual screening of entrance qualifications, as having abilities that are at least equivalent to a Master's degree or professional degree holder. \*5\*6

\*1 Japanese universities mentioned in Eligibilities (4) and (10) above are universities within the boundaries of Japan and as prescribed in Article 83 of the School Education Law.

\*2 Eligibilities (6) and (10) above includes the case of having completed a correspondence program provided by a foreign school of said country while residing in Japan.

\*3 (a) Those who intend to apply under requirement (9) above must submit documents a) to f) to the Administration Office of this graduate school (7.(16)) by Friday, May 31st, 2024, so that they can undergo individual entrance qualification screening before application submission. Please inquire in advance about eligibility for application and so on.

- a) Curriculum vitae
  - b) A report on research achievements
  - c) A certified transcript of the passing inspection issued by the university designated under requirement
  - d) A certified academic transcript issued by the university designated under requirement
  - e) A recommendation letter from the president, the dean of the graduate school, the head of the department, or the supervisor of the university designated under requirement
  - f) Return envelope: The enclosed return envelope must be addressed to the applicant.
    - a. For domestic mailing: Place 404 yen worth of postage on the return envelope designated for the pass/fail notification of the qualification screening.
    - b. For international mailing: Enclose international reply coupons for EMS use along with the return envelope for the pass/fail notification of the qualification screening.
- (b) Those who pass the qualification screening before submitting an application will be recognized as having academic qualifications equal to those of a person who has completed a Master's program and will be permitted to submit applications and take the entrance examination.
- \*4 (a) Those who intend to apply under requirement (10) above must submit documents a) to f) to the Administration Office of this graduate school (7.(16)) by Friday, May 31st, 2024, so that they can undergo individual entrance qualification screening before application submission. Please inquire in advance about eligibility for application and so on.
- a) Curriculum vitae
  - b) report on research achievements
  - c) A certified transcript of their Bachelor's degree and an academic transcript issued by the university the applicant was affiliated with.
  - d) A recommendation letter from the president of the university, the dean of the graduate school, the head of the department of the university, or the supervisor
  - e) A document which certifies that the applicant has engaged in research at a university, research institute, or other institution in Japan or abroad for at least 2 years or are expected to have engaged in research for at least 2 years by March 31st, 2021.
  - f) Return envelope: The enclosed return envelope must be addressed to the applicant.
    - a. For domestic mailing: Place 404 yen worth of postage on the return envelope designated for the pass/fail notification of the qualification screening.

- b. For international mailing: Enclose international reply coupons for EMS use along with the return envelope for the pass/fail notification of the qualification screening.
- (b) Those who pass the qualification screening before submitting an application will be recognized as having academic qualifications equal to those of a person who has completed a Master’s program or a professional degree and will be permitted to submit applications and take the entrance examination.
- \*5
- (a) Those who intend to apply under requirement (11) must not qualify under requirements (1) to (10). Such applicants must be recognized by this graduate school, through individual entrance qualification screening, as having abilities equivalent to a holder of a Master’s degree or a professional degree.
  - (b) Those who intend to apply under requirement (11) must submit the documents designated to the Administration Office of this graduate school (7.(16)) by Friday, May 31st, 2024, to undergo individual entrance qualification screening before application submission. Please inquire in advance about eligibility for application and documents to be submitted.
  - (c) Those who pass the qualification screening before submitting an application will be recognized as having academic qualifications equal to those of a person who has completed a Master’s program or a professional degree and will be permitted to submit applications and take the entrance examination.
- \*6
- The stipulations outlined in (1) – (11) above also apply to applicants seeking admission to the program beginning on October 1st, 2024 (hereafter “October 2024 applicants”), except that all references to “March 31st, 2025” should be read as “September 30th, 2024”.

## 2. Screening Method

- (1) Applicants will be screened based on written and oral examinations, the TOEFL iBT score, a Master’s thesis or its equivalent, and school transcripts.
- (2) Applicants without Japanese citizenship who have not graduated from a Japanese university will be screened under Special-Selection as Foreign Students. (excluding those who have completed or are expected to graduate from a graduate school of the University of Tokyo.)
- (3) Applicants who intend to continue employment during the period of enrollment will be screened under Special-Selection as Employed Students.

### 3. Expected Capacity and Written Examination Subjects

Department	Expected capacity	Written examination subjects
		Special subjects
Pharmaceutical Sciences	50 students (including a small number of Special-Selection Employed Students)  plus a small number of Special-Selection Foreign Students	Any 2 of 14 questions from the following 9 fields (Optional when taking an exam): Organic chemistry (3 questions), Molecular Cell Biology (3 questions), Physical chemistry (2 questions), Pharmacology (1 question), Pharmaceutics (1 question), Analytical chemistry (1 question), Mathematics (1 question) Social Pharmacy (1 question), Clinical Pharmacy (1 question)

- (1) The oral examination will cover special subjects, the applicant's past research results, the applicant's reasons for applying, and the research plan.
- (2) This doctoral program offers a course in which all credits can be received through English instruction (the English course). Regardless of the screening method, a student who intends to apply for the English course can request this course by typing in the prescribed column at the time of application. However, the various admissions tests must be answered entirely in English.
- (3) Depending on the examination results, the number of students admitted may be less than the expected capacity.

### 4. Examination Dates and Locations

- (1) The examination dates are indicated below. However, regarding the examination of those who are expected to obtain a Master's degree from this graduate school by March 31st, 2025 will be notified separately.
  - (a) Written examination: Thursday, August 8th, 2024
  - (b) Oral examination: Friday, August 9th, 2024

\*Screening of applicants to be admitted in October 2024 will also be held during this period.

(c) Thesis review:

Thesis review shall be based on the “Master’s thesis or its equivalent” submitted in 6. (2) (f) or (g) shall be reviewed as follows.

- October 2024 applicants : theses by all October 2024 applicants shall be reviewed in Mid-August, 2024
- April 2025 applicants : theses by applicants passing the written and oral examinations shall be reviewed in Mid-February, 2025

(2) Applicants should refer to the last page of this guideline for the examination schedules. The location, etc. will be notified on this graduate school web system.

## 5. Notice of Results and Admission Procedures

(1) Announcement below will be posted on this graduate school website around 10 a.m. on Thursday, August 22nd, 2024.

<http://www.f.u-tokyo.ac.jp/exam/index.html?key=1378943625>

- October 2024 applicants : final passing applicants (Individual pass/fail results will be notified to each applicant on this graduate school web system on Thursday afternoon, August 22nd.)
- April 2025 applicants : applicants passing the written and oral examinations

(2) Announcement below will be posted on this graduate school website night on Friday, March 7th, 2025. Individual pass/fail results will be notified to each applicant on this graduate school web system around 10 a.m. on Monday, March 10th.

<http://www.f.u-tokyo.ac.jp/exam/index.html?key=1378943625>

- April 2025 applicants : final passing applicants

(3) To secure admission, successful applicants must complete all admission procedures (submit all essential documents notified on the same day as the pass / fail notification and complete payment of fees for admission) by the specified deadline (for April Admission, several days in mid-March and for October Admission, several days in early September). Applicants who fail to meet the deadline will be deemed to have withdrawn from admission.

(4) Admission fees (tentative fees for the 2025 academic year)

[International students on scholarships from the Japanese government (Ministry of Education, Culture, Sports, Science and Technology) are not required to pay these fees.]

(a) Entrance fee: 282,000 yen (tentative fee)

Note: Those who are expected to obtain a Master's or professional degree from graduate school of the University of Tokyo and will continue to enter the doctoral program at this graduate school are not required to pay these fees.

(b) Tuition fee: First term: 260,400 yen (annual 520,800 yen; tentative fee)

Note: The amounts indicated above are tentative and may be subject to change. Revised fee rates apply to all enrolling applicants and registered students.

## 6. Application Procedures

Applications must be submitted online on this graduate school web system (scheduled to be released in early June). Before applying, be sure to make an appointment with your first-choice academic advisor and confirm that you can apply, referring to the attached "List of research fields of faculty members in charge of the Graduate School of Pharmaceutical Sciences in 2025".

Due to the convenience of the Web system, the second and third aspirations will also be registered at the time of application.

### (1) Application period

Scheduled from Wednesday, June 12th to Wednesday, June 19th, 2024. Details will be published on the Graduate School website as soon as they become available.

<http://www.f.u-tokyo.ac.jp/exam/index.html?key=1377735871>

### (2) Required documents

Upload electronic media (documents that exist only in paper media needs to be transformed into electronic media (PDF, etc.)) on the Graduate School Web system. Check the details in the Web system.

The paper medium of "(c) Academic transcript" must be submitted at the time of admission procedure (5. (3)), so keep it until then.

#### (a) Face photo data for examination

Image data (JPEG, PNG, GIF, BMP) taken within 3 months from the time of application, with the front upper body uncapped and no background, and the face can be clearly recognized. Selfie images on smartphones etc. are also acceptable. The size is up to 20Mb.

#### (b) TOEFL iBT score

Submit and respond to (I) and (II) below regarding TOEFL iBT scores (taken on or after September 1st, 2022; TOEFL iBT® Home Edition scores are also acceptable).

##### (I) A copy of Test Taker Score Report

\* Upload it on the Web System of our Graduate School during the application period.

##### (II) Institutional Score Report

\* When applying for the TOEFL iBT, please input the TOEFL code number: D110 (Department code: 99). And then the ETS will mail the report to us by air. In case of completing this procedure, we can check the score data online from about 2 weeks after the test. Your score can be accepted when we can confirm it by July 19th.

\* Even in case of submitting the already taken score, you should request the ETS about this matter.

\* In case that we would receive the several scores in the multiple tests, we adopt the same score of the above (I).

#### (c) Synopsis of past research results, reasons for applying, and research plan

Applicants must type in the form specified by this graduate school.

#### (d) Academic transcript: Academic transcript from a Master's program or a professional degree.

This requirement is waived for applicants who have graduated from, or expect to graduate from



the Graduate School of Pharmaceutical Sciences at the University of Tokyo.

Foreign students must also submit certified transcripts of their Bachelor's degree.

If the person's name on the certificate is different from the current name due to his/her new name, please also attach the original official document (extract of family register, etc.) that can prove that the certificate belongs to the person.

(e) Applicants applying as Special-Selection as Foreign Students must submit a Japanese proficiency level certificate (in a specified form) approved by the applicant's supervisor or equivalent authority (For employed applicants, the supervisor or company representative). A copy of the certificate from the Japanese Language Proficiency Test (JLPT) operated by the Japan Foundation and Japan Educational Exchanges and Services (JEES) can also suffice. However, this is unnecessary for applicants who are International Research Students of this graduate school.

(f) October 2024 applicants must submit the documents listed below (a. and b.) by web system no later than Friday, July 26th, 2024.

This requirement is waived for applicants who are expected to graduate from the Graduate School of Pharmaceutical Sciences at the University of Tokyo.

a. Master's thesis or its equivalent: In Japanese or English. If the thesis is submitted in a third language, a translation into Japanese or English must be attached.

b. Thesis abstract: 3000 letters or less in Japanese or English

(g) April 2025 applicants who passing the written and the oral examinations must submit the documents listed above (f) (a. and b.) by web system no later than Friday, January 24th, 2025.

(h) Proof of payment of examination fee: 30,000 yen

This fee is waived for the followings:

a. Students expecting to obtain a Master's or professional degree from the University of Tokyo

b. International students on scholarships from the Japanese government (Ministry of Education, Culture, Sports, Science and Technology)

[Note: Applicants must submit certified documents verifying the status as international students on scholarships from the Japanese government, unless they are currently enrolled in the Graduate School of Pharmaceutical Sciences at the University of Tokyo.]

(I.) Deadline for fee payment: Same as the application deadline.

(II.) Payment method:

For bank transfers:

After filling in the required items in the attached application for examination fee payment transfer (for bank transfers) in this booklet (see "Requests to Applicants"), you should transfer funds from your nearest financial institution. (This is not permitted from post offices or the Japan Post Bank, also, please note that you should not use ATMs or the Internet to transfer funds. See note.) When making payment via bank deposit transfer, you will receive a transfer payment receipt (form B) and a transfer payment acceptance verification (form C), and you should submit the transfer payment acceptance verification (form C) on this graduate school web system. As the transfer

payment receipt (form B) is a receipt, you should keep it in a safe place.

In addition, you should note that the applicant has to bear the payment transfer charge when paying the examination fee from a bank other than the bank that the applicant is transferring the money to or one of its branches.

Note: As a transfer payment acceptance verification (form C) is not issued when transfers are made from post offices, Japan Post Bank, ATMs, or the Internet, you should not use any of those methods.

For overseas remittances, see the separate instructions printed on the “Guide for Overseas Remittances of Examination Fees”.

For payment by credit card:

Regarding the operating procedure and matters to note when actually making a payment, you should refer to the attached “How to Pay an Examination Fee by Credit Card for the Graduate School of Pharmaceutical Sciences, The University of Tokyo”. You should carefully keep the evidence of payment, receipt, etc., required for application.

In addition, you should note that the applicant has to bear the payment charge that is incurred when making a payment.

## 7. Notes

If the content of this application guideline is changed it will be announced on the Graduate School website (and the Graduate School Web system after the application acceptance period ends), so please check at any time.

<http://www.f.u-tokyo.ac.jp/exam/index.html?key=1377735871>

- (1) The examination admission card will be distributed to the applicant by this graduate school web system. If the examination admission card cannot be confirmed on this graduate school web system by Friday, July 26th, 2024, contact the Administration Office of this graduate school using the contact information listed below (7.(16)).
- (2) After the application process is complete, changes to the documents will not be accepted under any circumstances, and examination fees are non-refundable.
- (3) Applicants with physical disabilities may request reasonable accommodation when taking the examination and attending courses. Requests must be made by contacting the Administration Office of this graduate school (7.(16)) when submitting applications.
- (4) This graduate school may allow admissions in October 2024 in addition to the admissions in April 2025.
- (5) Application procedures, examination dates, and other details may be subject to change under certain circumstances.
- (6) Personal information obtained through the application process, including the applicant’s name and address, will only be used for the following purposes: (a) student selection (application processing,

screening), (b) announcement of successful applicants, and (c) admission procedures. For students enrolling, personal information and the examination results used for admission selection will be used for: (a) educational affairs (school registration, attendance record, etc.), (b) student support (health care, career support, exemptions from tuition fees, scholarship applications, use of libraries, etc.), and (c) the collection of tuition fees.

- (7) The examination results used in the selection of entrants may be used in future studies for the improvement of both the entrance examination and the education at the University of Tokyo.
- (8) Foreign applicants must have a visa that allows admission to a graduate school in Japan by the time of admission procedures (5.(3)), as stipulated in the “Immigration Control and Refugee Recognition Act (Law No. 319, 1951).”
- (9) Employed applicants who pass the examinations must submit a letter of consent from their company (Any format is acceptable. And if the certifier is a superior, the position does not matter.) to ensure that the applicant will remain dedicated to studies during the period of enrollment. This letter must be submitted at the time of the admission procedures (5.(3)).
- (10) Japanese students who have completed or are expected to complete high school and university education abroad can be screened under Special-Selection as Foreign Students. Please contact the Administration Office of this graduate school (7.(16)) in advance.
- (11) Research papers may be submitted for consideration.
- (12) After the admission process is completed, entrance fees are not refundable under any circumstances.
- (13) Those who have made false statements regarding their history, etc. at the time of application, and those who do not meet the application qualifications/requirements will not be allowed to take the examination, and even if it is discovered after admission, admission may be retroactively canceled.
- (14) The University of Tokyo has established the “The University of Tokyo Security Export Control Regulations” in accordance with Japan’s “Foreign Exchange and Foreign Trade Act” , and rigorously implements security export control for potential students before and after their enrollment on the basis of these regulations. In particular, pre-enrollment screenings are mandatory for all international students and also for Japanese students in certain circumstances.

Please be aware that applicants who fall under any of the conditions set out in the Act may not receive permission to enroll at the university or may have their research activities restricted after their enrollment even if they have passed the entrance examinations.

- (15) If an unexpected situation occurs due to a disaster, etc., information on the examination should be provided on this graduate school website (as well as web system after the end of application period).  
<http://www.f.u-tokyo.ac.jp/exam/index.html?key=1377735871>
- (16) Contact information:

Administration Office

Graduate School of Pharmaceutical Sciences

The University of Tokyo

Phone: +81-(0)3-5841-4704 (available from 10:00 to 17:00, except 12:00 to 13:00)

E-mail: [gakuin1@mol.f.u-tokyo.ac.jp](mailto:gakuin1@mol.f.u-tokyo.ac.jp)

\*For inquiries, please contact us by email as much as possible.

April 2024

Exam Schedule for Doctoral Program 2025  
 Graduate School of Pharmaceutical Sciences, the University of Tokyo  
 (Department of Pharmaceutical Sciences)

Date	Subject		Score *4	Timetable	
August 8 (Thu.)	Written Exam (in person)	Special Subjects Organic Chemistry (3)* <sup>1</sup> , Molecular Cell Biology (3)* <sup>2</sup> Physical Chemistry (2)* <sup>3</sup> , Pharmacology (1), Pharmaceutics (1), Analytical Chemistry (1), Mathematics (1), Social Pharmacy (1), Clinical Pharmacy(1)  (Answer any 2 of 14 questions from 9 fields (Optional when taking an exam))	200	13 : 30 ~ 14 : 50	80 min
August 9 (Fri.)	Oral Exam (Online)		/	14:00 ~	Presentation:2 min Q & A: 8 min

\*1 One of the three Organic Chemistry questions is given from the contents of "Organic Chemistry 5th Edition by J.G. Smith".

\*2 Three Molecular Cell Biology questions are given from the contents of "Molecular Biology of the Cell 6th Edition by B. Alberts et al.".

\*3 The two physical chemistry questions are from the book "Physical Chemistry for the Life Sciences, 2nd Edition by Peter Atkins and Julio de Paula.

\*4 The TOEFL iBT score that the applicant submitted as of the application is converted on a scale of 100 points.

How to access Past Entrance Examination Papers:

Past Entrance Examination Papers are available for copying at The University of Tokyo Pharmaceutical Sciences Library.

The University of Tokyo Pharmaceutical Sciences Library

7-3-1, Hongo, Bunkyo-ku, Tokyo 113-0033, Japan

Tel: 03-5841-4705,4745 (available from 9:00 to 17:00)

Fax:03-5841-4884

<https://www.lib.f.u-tokyo.ac.jp/>

Past Entrance Examination Papers are also available at the campus store or online store of Nihon Kougyousya LTD. Please note that Nihon Kougyousya LTD. cannot handle overseas shipment.

Nihon Kougyousya LTD.

Faculty of Law & Letters Bldg. 2, B1F

7-3-1, Hongo, Bunkyo-ku, Tokyo 113-0033, Japan

Tel: 03-3814-9301

Fax:03-5802-5374

<http://www7b.biglobe.ne.jp/~printservice/> (in Japanese)

<http://www7b.biglobe.ne.jp/printservice/furikomi/cart.cgi> (online shop) (in Japanese)

2025 FACULTY & FIELDS OF RESEARCH  
GRADUATE SCHOOL OF PHARMACEUTICAL SCIENCES, THE UNIVERSITY OF TOKYO

Department of Pharmaceutical Sciences  
Department of Pharmacy

Faculty	Description of Research Field	Name of Laboratory
Graduate School of Pharmaceutical Sciences		
Prof. OHWADA, Tomohiko	Organic Chemistry, Structural Organic Chemistry, Computational Chemistry, Medicinal Chemistry	Organic and Medicinal Chemistry
Assoc.Prof. OTANI, Yuko	Organic Chemistry, Peptide Chemistry of Unnatural Amino Acids, Computational Peptide Chemistry	
Prof. INOUE, Masayuki	Organic Chemistry, Natural Product Synthesis, Bioorganic Chemistry	Synthetic Natural Products Chemistry
Assoc.Prof. ITO, Hiroaki	Organic Chemistry, Synthetic Organic Chemistry, Bioorganic Chemistry, Chemical Biology	
Assoc.Prof. KANAI, Motomu	Organic Synthesis, Catalysis, Artificial Catalysis in Cells	Synthetic Organic Chemistry
Assoc.Prof. KAWASHIMA, Shigehiro	Chemical Biology, Artificial Catalysis in Cells, Chromosome Biology, Epigenome	
Prof. ABE, Ikuro	Natural Products Chemistry, Chemical Biology, Bioorganic Chemistry, Synthetic Biology	Natural Product Chemistry
Assoc.Prof. MORI, Takahiro	Natural Products Chemistry, Chemical Biology, Structural biology, Enzyme Engineering	
Prof. UCHIYAMA, Masanobu	Organic Chemistry, Elements Chemistry, Theoretical Chemistry, Physical Organic Chemistry	Advanced Elements Chemistry
Project Assoc. Prof. NAKAJIMA, Masaya	Transition Metal Chemistry, Photochemistry, Theoretical Chemistry, Synthetic Organic Chemistry, Natural Product Chemistry	
Lec. TORIUMI, Naoyuki	Synthetic Organic Chemistry, Development of Functional Molecules	
Prof. URANO, Yasuteru	Chemical Biology, Development of Photo-functional Probes, In Vivo Fluorescent Tumor Imaging	Chemistry and Biology
Assoc.Prof. TSUNODA, Makoto	Bio-analytical Chemistry, Separation Science, Micro Total Analysis System	Bio-Analytical Chemistry
Prof. TAKEUCHI, Koh	Structural Biology, NMR, Analysis and manipulation of function-related dynamics	Physical Chemistry
Prof. SHIMIZU, Toshiyuki	Structural biology, protein crystallography	Protein Structural Biology
Assoc.Prof. OHTO, Umeharu	Structural biology, Regulation mechanism of receptor activation	
Prof. AOKI, Junken	Lipid Biology, Analytical chemistry of lipids, Pathophysiological roles of lysophospholipid mediators, Elucidation of biological significance of phospholipid fatty acid diversity	Health Chemistry
Assoc.Prof. KONO, nozomu	Lipid Biology, Homeostatic regulation of membrane lipids	
Prof. KITAGAWA, Daiju	Cell Biology, Cell Genetics, Cell Division, non-coding RNA	Physiological Chemistry
Lec. FUKUYAMA, Masamitsu	Molecular genetics of nutrient responses	
Project Lec. HATA, Shoji	Cell Biology, Cell Genetics, Cell Division, Cytoskeleton	
Prof. GOTOH, Yukiko	Molecular and cellular biology, neural development, stem cell, signal transduction	Cell Biology
Assoc.Prof. KAWAGUCHI, Daichi	Molecular neurobiology, Neural development, Neurodevelopmental disorder, Stem cell	
Project Assoc. Prof. OISHI, Koji	Neural development, neuroanatomy, reprogramming	
Prof. MIURA, Masayuki	Physiological roles of programmed cell death, Establishment of cell society, Metabolic regulation of growth, aging and regeneration	Genetics
Lec. NAKAJIMA, Yuichiro	Developmental cell biology, Tissue homeostasis, Environmental responses, Cell plasticity	
Assoc.Prof. NAGURO, Isao	Cell Signaling <b>The laboratory of Cell Signaling will not be looking for students this time.</b>	Cell Signaling

Faculty	Description of Research Field	Name of Laboratory
Graduate School of Pharmaceutical Sciences		
Prof. MURATA, Shigeo	Intracellular protein degradation, Proteostasis	Protein Metabolism
Lec. HAMAZAKI, Jun	Intracellular protein degradation, Proteostasis, Transcription	
Prof. HORI, Shohei	Immunological tolerance and homeostasis, immune regulation, inflammation	Immunology and Microbiology
Assoc.Prof. SETOBUCHI, Ruka	Immunology, Immunological memory, immunological homeostasis, host defense system	
Institute for Quantitative Biosciences		
Prof. SHINKURA, Reiko	Immunology, Mucosal immunity, Immunoglobulin gene diversification, Gut microbiota	Applied Immunology
Prof. OAKADA, Yuki	Male germ cell differentiation, Chromatin dynamics in spermatogenesis, Transgenerational epigenetic inheritance, Sperm quality control	Pathology and Development
Prof. SAITO, Hirohide	Synthetic biology, Bioengineering, RNA, RNA-Protein complexes, iPS cells, Cell Regulation, Gene & cell therapy, Regenerative medicine	RNP Synthetic Biology
Assoc.Prof. KISHI, Yusuke	Epigenetic regulation of neural cells	Molecular Neurobiology
Institute of Medical Science		
Prof. SAEKI, Yasushi	Regulation of cellular functions by the ubiquitin code Stress adaptation mechanisms by liquid-liquid phase separation	Protein Dynamics
Assoc.Prof. KOBAYASHI, Taeko	Proteostatic regulation of neural stem cells	
Radioisotope Center		
Prof. AKIMITSU, Nobuyoshi	Functional analysis of noncoding RNAs in mammalian cells, Development of novel technologies for nucleic acid medicines, Molecular mechanism of stress responses, DNA damage response, Regulation of gene expression through RNA degradation code, Development of novel live imaging methods by using radioisotopes	Laboratory of Nucleic acids research
Graduate School of Pharmaceutical Sciences		
Prof. KUSUHARA, Hiroyuki	Pharmacokinetics, Functional analysis and pharmacogenomics of drug transporters, Kinetic analysis of the drug interactions, Drug delivery to the brain	Molecular Pharmacokinetics
Assoc.Prof. HAYASHI, Hisamitsu	Development of novel diagnostic and therapeutic approaches for pediatric liver diseases, Hepatology, Clinical pharmacology	
Prof. IKEGAYA, Yuji	Brain circuitology, Systems pharmacology, Artificial intelligence	Chemical Pharmacology
Assoc.Prof. NAKASHIMA, Ai	Molecular neurobiology, Developmental neurobiology	
Prof. TOMITA, Taisuke	Pathobiochemical analysis of Alzheimer and other neurological diseases, Therapeutic approaches by modulation of proteases and vesicular trafficking, glial cell-targeted drug	Neuropathology and Neuroscience
Assoc.Prof. HORI, Yukiko	Pathobiochemical and therapeutical analysis for amyloid in Alzheimer and other neurodegenerative disease	
Project Assoc. Prof. SATO, Hiroki	Drug Lifetime Management (Drug Fostering and Evolution), Drug Informatics, Clinical Pharmacy, Risk Management in Community Pharmacy	Drug Lifetime Management
Faculty of Medicine University Hospital (Department of Pharmacy & Clinical Research Support Center)		
Prof. TAKADA, Tappei	Clinical Pharmaceutical Sciences, Clinical Pharmacology, Clinical Pharmacokinetics, Lifestyle-related Diseases and Transporters	Department of Clinical Pharmacokinetics
Lec. YAMANASHI, Yoshihide	Analysis of lipid behaviors in the body, Functional analysis of lipid transporters, Clinical Pharmacokinetics	
Institute of Medical Science		
Prof. NISHIMURA, Emi	Stem Cell Biology, Ageing and Cancer Biology, Toxicologic pathology, Stem Cell Targeted Drug Discovery	Department of Stem Cell Regulation and Drug Discovery
Graduate School of Medicine		
Prof. IWATSUBO, Takeshi	N D <b>The laboratory of Neuropathology will not be looking for students this time.</b>	Neuropathology
Graduate School of Pharmaceutical Sciences		
Assoc.Prof. ONO, Shunsuke	Pharmaceutical regulation, pharmaceutical R&D, health economics, pharmacoepidemiology, clinical evaluation	Pharmaceutical Regulatory Science
Prof. URANO, Yasuteru	P <b>The laboratory of Health Economics and Outcomes Research will not be looking for students this time.</b>	

As of April, 2024



# 日本語の学力を表す証明書

ふりがな  
氏 名 :

ローマ字 :

身 分 :

上記の者について、下記のとおり証明いたします。

日本語の知識（熟達程度を○で囲んでください。）

読 解 力	優	良	可	不可
会 話 力	優	良	可	不可
筆 記 力	優	良	可	不可
理 解 力	優	良	可	不可

年 月 日

証明者の所属 :

氏 名 :

印