

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 Pharmacy

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 Pharmacy Graduate School of Pharmaceutical Sciences, the University of Tokyo

The Doctoral Program in the Department of Pharmacy is a 4-year doctoral program.

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 Pharmacy engages in top-level education and research activity focused on the fields of clinical pharmaceutical science, social pharmaceutical science, and drug discovery studies following the school's diploma policy and curriculum policy. It seeks to develop talented leading pharmacists, medical administration providers, and researchers in drug-discovery science with practical research capacity in fields like clinical, social, and drug-discovery pharmaceutical science.

With these goals in mind, the school's Doctoral Program in Dept. of Pharmacy 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 specialized examination, an oral examination, a foreign language examination, and the academic records of 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 (6)

- (1) Those who have graduated, or are expected to graduate by March 31st, 2025, from a program in pharmacy requiring 6 years of university study at a Japanese university. *1*5
- (2) Those who have completed or are expected to complete a 6-years program in medicine, dentistry

- or veterinary medical sciences, at a university by March 31st, 2025. *1*5
- (3) Those who have completed, or are expected to complete by March 31st, 2025, 18 years of school education in a foreign country. The final program shall be pharmacy, medicine, dentistry or veterinary medical science. *2*5
 - (4) Those who have had a bachelor's degree or its equivalent conferred or are expected to be conferred on or before March 31st, 2025 from a foreign university or other foreign institutions of higher education (limited to those whose comprehensive status of education and research activities have been assessed by the government of the said foreign country or a related organization), having completed a program with a completion period of 5 years or more (restricted to programs in medicine, pharmacy, dentistry or veterinary medical science). *2
 - (5) Those designated by the Minister of Education, Culture, Sports, Science and Technology or those who have graduated or are expected to graduate by March 31st, 2025 from an educational institution designated by the Minister. *3*5
 - (6) Those who are 24 years or older on March 31st, 2025, whom this graduate school has recognized through individual screening of entrance qualifications, as having abilities that are at least equivalent to those who have graduated from a Japanese university. *1*4*5

*1 Japanese universities mentioned in Eligibilities (1), (2) and (6) above are universities within the boundaries of Japan and as prescribed in Article 83 of the School Education Law.

*2 Eligibilities (3) and (4) above includes the case of having completed a correspondence program provided by a foreign school of said country while residing in Japan.

*3 Those mentioned in Eligibility (5) above as being designated by the Minister of Education, Culture, Sports, Science and Technology are as follows.

- (a) Those who have graduated as undergraduates from the medical or dental schools of universities under the old ordinances.
- (b) Those who have graduated from the National Defense Medical College under the Act for Establishment of the Ministry of Defense.
- (c) Those who have completed a Master's or professional degree program, those to whom a Master's degree could be conferred, or those who have obtained 30 credits or more and have received the necessary instructions in research, and having been enrolled for more than two years in a doctorate program that does not separate into former and latter parts; and besides to these prerequisite, those who have been recognized as having abilities at least equivalent to those who have graduated from a university program of medical, dental, pharmaceutical with the main aim is to cultivate practical capabilities relating to clinical aspects, or of veterinary medical science.
- (d) Those who have graduated from undergraduate level of university (excluding those from medical program, dental program, pharmaceutical program with the main aim to cultivate practical capabilities relating to clinical aspects, or from veterinary medical science program) or those who having completed 16 years of academic education overseas, and the former and

latter have spent two years or more engaged in research at universities or research institutes or other institutions, and besides to these prerequisite, those who have been recognized as having abilities at least equivalent as those who have graduated from a university program of medical, dental, pharmaceutical with the main aim of cultivating practical capabilities relating to clinical aspects, or of veterinary medical science as a result of said research.

- (e) Those who have completed a program of a foreign university (limited to those who have completed 18 years of education in the school education system of said foreign country, with the final program being either veterinary medical science, medicine, pharmacy or dentistry) while in Japan, the said programs having been designated separately by the Minister for Education, Culture, Sports, Science and Technology and belonging to an educational institution under the school education system of the said foreign country.

*4 (a) Those that fall under Eligibility (6) above refers to those who do not fall into any of the Eligibilities (1) through (5) above and who have graduated from (completed) a program in pharmacy, medicine, dentistry or veterinary medical science of an educational institution equivalent to a 6-year university, shall be recognized by this graduate school through an individual screening of entrance qualifications as having abilities equivalent to those who have graduated from universities specified in Eligibilities (1) or (2) above.

(b) Those who intend to apply under requirement (6) 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 are recognized as having abilities at least equivalent to those specified in Eligibilities (1) or (2) above through individual screening of entrance qualifications, will be permitted to apply and take the entrance examinations.

*5 The stipulations outlined in (1) – (6) 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 as well as 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 are expected to graduate from a bachelor course of Japanese university, or have completed a graduate school of the University of Tokyo or are expected.)
- (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
Pharmacy	10 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) Depending on the examination results, the number of students admitted may be less than the expected capacity.

4. Examination Dates and Locations

- (1) Examination dates are as follows.

(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.

- (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) The passing applicants 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>

- (2) Individual pass/fail results will be notified to each applicant on this graduate school web system on Thursday afternoon, August 22nd, 2024.

- (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 fee (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 the university the applicant is/was affiliated with (including general education courses). This requirement is waived for applicants who have graduated from or expect to graduate from the Faculty of Pharmaceutical Sciences at the University of Tokyo.

If applicants have graduated from or expect to graduate from either a Master's program or a professional degree program, academic transcripts for the Master's program or professional degree program are also required.

Foreign applicants who have graduated from their affiliated university 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) 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 Faculty of Pharmaceutical Sciences or 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 the 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 expect 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

*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 Pharmacy)

Date	Subject		Score *4	Timetable	
August 8 (Thu.)	Written Exam (in person)	Special Subjects Organic Chemistry (3)* ¹ , Molecular Cell Biology (3)* ² Physical Chemistry (2)* ³ , 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. ITOH, 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 The laboratory of Cell Signaling will not be looking for students this time.	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. SETOYUCHI, 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 The laboratory of Neuropathology will not be looking for students this time.	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 The laboratory of Health Economics and Outcomes Research will not be looking for students this time.	

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