

# **Application Guidebook for Research Student (for International Students)**

## **Graduate School of Pharmaceutical Sciences**

### **Nagoya City University (NCU)**

#### **for Academic Year 2026**

### **1. Number of students to be admitted**

Only a limited number of students.

### **2. Eligibility for applicants**

Eligible applicants, who are not Japanese citizens and can obtain residential status of "college student," satisfy one of the following qualifications:

- (1) A person who has completed or is expected to complete a 16-year course of schooling outside Japan by March 31, 2026.
- (2) A person who has obtained or is expected to obtain a bachelor's degree by March 31, 2026 *via* 3-year or more year's program in a university or other tertiary institution in a foreign country assured by the government or authorized organization in the original country, or specified by the Ministry of Education, Culture, Sports Science and Technology of Japan.
- (3) A person who has determined by the Graduate School of Pharmaceutical Sciences, NCU, to have academic ability equivalent to or higher than that of those defined in (1).

### **3. Eligibility screening**

Any applicants who fall under qualification (3) of "2. Eligibility for applicants" preliminarily need to request an eligibility screening prior to the application. Under the consultation with a faculty member (prospective supervisor), send the preliminary examination-application documents from post office by registered express mail to the address shown in the next page. Please write "Application documents for Research Student (for International Students), Graduate School of Pharmaceutical Sciences, NCU" in red letters in the lower left section on the front of the envelope. The mail must be arrived during **the application period from Nov. 12 (Wed) to Nov. 14 (Fri), 2025, [must be receive. The date of the postmark is not valid].**

The mail sent from outside Japan will not be accepted. If applying from outside Japan, be sure to entrust your application procedure to a proxy residing in Japan. Notifications from NCU will be addressed to your proxy.

#### **The preliminary examination-application documents:**

- (1) Application for preliminary examination (Use the prescribed form of NCU)
- (2) Curriculum Vitae (Use the prescribed form of NCU)
- (3) Reasons for application
- (4) Certificate of research experience (When prepared in a language other than Japanese, attach a Japanese translation in any form)
- (5) Research achievement record (Use the prescribed form of NCU)
- (6) ②, ③ and ⑤ described in the following "4. Application documents, etc."

The examination results will be notified by mail on Dec. 10 (Wed).

If you do not receive the notice by Dec. 15 (Mon), please contact Student Affairs Division, Administration Office of NCU.

Accepted applicants must submit the application documents during Dec. 11 (Thu)—Dec. 17 (Wed), 2025.

Resubmission of documents ②, ③ and ⑤ in "5. Application documents, etc." is not necessary.

#### 4. Period of application

**Dec. 11 (Thu)—Dec. 17 (Wed), 2025 [must be received]**

**Must be sent by post. Delivery in-person is not accepted.**

Fill out the required items on the cover which is designated by NCU, and paste the cover on the envelope (240 mm × 332 mm) prepared by yourself. Enclose your application documents in the envelope above and send them by registered express mail.

No Application forms are received in-person at the office or outside the designated period of application (**The date of the postmark is not valid**). After your application documents, etc. are accepted, you will receive your examination admission card and instructions for examination from the Administration Office.

If you do not receive them by Dec. 24, please be sure to contact Student Affairs Division, Administration Office of NCU.

**Notice: Prior to submitting documents for application or eligibility screening under qualification (3) to NCU, please contact a faculty member (prospective supervisor), from whom you wish to receive academic instruction, to consult about your research plan. (The applicant who has received an interview for the eligibility screening are exempted from an interview for the examination.)**

Application documents must be sent by post to

Nagoya City University  
Student Affairs Division, Administration Office of NCU  
1, Kawasumi, Mizuho-cho, Mizuho-ku, Nagoya, Aichi 467-8601, Japan

Application by post from outside Japan will not be accepted. If applying from outside Japan, be sure to entrust your application procedure to a proxy residing in Japan. Notifications from NCU will be addressed to your proxy.

#### 5. Application documents, etc. (Fill out in Japanese.)

Documents, etc.		Description
①	Application for admission/ Photo identification card/ Examination admission card/ Curriculum Vitae (reverse side of application form)	<b>[Use the prescribed form of NCU]</b> <ul style="list-style-type: none"><li>• Affix your color photograph (4 cm high × 3 cm wide) to the application form. The photograph should be taken within 3 months prior to the application, showing your upper body and bare head, directly facing the camera, and with no background.</li><li>• Enter the address at which you are (or a proxy is) certain to be contactable.</li><li>• In "Academic Background," fill in all of your school education from elementary education (equivalent to elementary school) to higher education (equivalent to university education).</li><li>• If you were a student at a university, vocational school, Japanese language school, etc., please fill in your educational background or work experience and provide details in "Career."</li></ul>
②	Diploma (graduation letter), Certificate of completion (expected completion)	<ul style="list-style-type: none"><li>• Submit your diploma prepared by the president of the university that you are enrolled in or have graduated from.</li><li>• If you have completed (or are expected to complete) a graduate school, submit the certificate of completion (or expected completion) of the graduate school, together with the university diploma, etc.</li><li>• Photocopies will be accepted only if your diploma and/or certificate cannot be reissued. To verify their authenticity, be sure to present the original during the admission procedure.</li><li>• Prepare a Japanese translation in any form (the prescribed form of NCU is available) and attach it to the original certificate. Do not write the Japanese translation directly on the original certificate, although you may write the Japanese translation on a copy of the original.</li></ul>

③	Transcript	<ul style="list-style-type: none"> <li>• Submit a transcript prepared by the president of the university that you are enrolled in or have graduated from.</li> <li>• A photocopy will be accepted only if your transcript is not reissued. To verify its authenticity, be sure to present the original during the admission procedure.</li> <li>• Prepare a Japanese translation in any form (the prescribed form of NCU is available) and attach it to the original certificate. Do not write the Japanese translation directly on the original certificate, although you may write the Japanese translation on a copy of the original.</li> </ul>
④	Research plan	<p><b>[Use the prescribed form of NCU]</b> A Japanese translation must be attached to the original document.</p>
⑤	Japanese language proficiency research	<p><b>[Use the prescribed form of NCU]</b></p>
⑥	Letter of acceptance from the supervisor	<p><b>[Use the prescribed form of NCU]</b> Submit an acceptance letter with the signature of the prospective supervisor.</p>
⑦	Examination fee (10,210 yen)	<ul style="list-style-type: none"> <li>• Fill out the bank transfer request form (prescribed form of NCU) with required information and transfer 10,210 yen (Examination fee 9,800 yen + Express mail fee to send the admission card 410 yen) from a bank or other finance institution.</li> <li>* Japan Post Bank or Yucho Bank are not acceptable. Do not use ATM, etc.; use only a teller for transfer.</li> <li>* Remittances from overseas to Japan are not accepted.</li> <li>* The relevant bank fees will be charged to the applicant.</li> <li>• Submit the "Examination Fee Payment Certificate (Slip B)" received from the bank, etc. after the transfer procedure, together with other application documents. (Do not submit the "Receipt of Transfer Amount (and Transfer Fee) (Slip A)," which should be retained by you.)</li> <li>* The examination fee is not refundable in principle. (See (4) of "12. Cautions")</li> </ul>
⑧	Mailing label	<p><b>[Use the prescribed form of NCU]</b> The mailing label will be used to notify you of the admission decision. Write the proper address and name.</p>
⑨	Residence certificate	<ul style="list-style-type: none"> <li>• Submit residence certificate that does not contain the Social Security and Tax Number.</li> <li>• If your visa status is for short-term residence, submit a photocopy of the Japan entry visa stamped in your passport.</li> <li>• If you are residing in a foreign country, submit a photocopy of your passport.</li> </ul>
⑩	Envelope to submit the application documents	<p>Fill out the required items on the cover, designated by NCU, and paste the cover on the envelope (240 mm × 332 mm) prepared by yourself. You can download the cover from the website of NCU. Enclose the application documents in the envelope and send them by registered express mail.</p> <p>&lt; The University Website &gt;  <a href="https://www.nagoya-cu.ac.jp/admissions/graduate/phar/index.html">https://www.nagoya-cu.ac.jp/admissions/graduate/phar/index.html</a></p>

## 6. Prior consultation with applicants with a disability

A person with a disability who needs extra care for taking an entrance examination or studying has to notify Student Affairs Division.

## 7. Schedule and method of selection for admission

Screening will be made based on application documents. Interview examination may also be conducted. In that case, details of the interview will be informed when sending the examination admission card.

**Date of interview: Jan. 27 (Tue), 2026.**

## 8. Announcement of application results

The results will be informed to each applicant who is exempted from the interview on Jan. 13 (Tue), 2026 (or to your proxy for applicants residing in a foreign country).

Other applicants (or proxies of the applicants residing in a foreign country) will be notified of the results on Feb. 3 (Tue), 2026.

※Successful applicants should make sure that important documents needed for admission procedure will be sent by Letter Pack mail.

※If you do not receive the documents within a week from the announcement, please contact Student Affairs Division, Administration Office of NCU.

## 9. Admission procedure

### (1) Date of procedure

**February, 2026**

Successful applicants will be notified of the specific date in a document, sent with the announcement of application results.

### (2) Details of admission procedure

Details on the admission procedure will be announced by the documents in the Letter Pack.

### (3) Payments required for admission

a. Admission fee	Nagoya City residents, etc.	69,600 yen
	Other applicants	99,600 yen
b. Disaster and Accident Insurance for Student Education and Research ("Gakkensai")		1,000 yen
c. Liability Insurance coupled with "Gakkensai"		340 yen

Note 1: The admission fee should be paid through a financial institution before the admission procedure. **The paid admission fee is not refundable.**

Note 2: "Nagoya City residents, etc." refers to enrolled students who can certify by a resident card that (1) the students or (2) their spouse or first-degree family member have had an address within Nagoya City for at least one consecutive year beginning from the day before the date of admission.

Note 3: The current fees listed above may be subject to change at the time of your admission, and any revisions to the fees will be effective immediately.

## 10. Tuition

Annual fee            356,400 yen (178,200 yen for a semester)

Note 1: After admission, tuition fees should be paid twice a year (for the 1st and 2nd semesters) through an automatic withdrawal from your account.

Note 2: The current tuition fee shown above may be subject to change during your study at NCU, in which case the revised tuition fee will apply.

Note 3: Graduate School of Pharmaceutical Sciences may charge additional cost without any advance notification.

## 11. Immigration procedure

**If immigration procedures are not completed by the admission date, your admission may be cancelled.**

Contact the Foreign Residents General Information Center (Nagoya Regional Immigration Services Bureau) regarding details of entry permission.

## 12. Cautions

(1) Applications lacking necessary documents will not be accepted.

(2) Applicants, found to have made false statements in their application documents, may have their admission

revoked even after enrollment.

- (3) Application documents, etc. will not be returned.
- (4) The examination fee is not refundable in principle. However, the paid examination fee (excluding bank transfer fee) is refunded in any of the following cases.
  - 1. The examination fee was transferred twice.
  - 2. The application documents were not submitted after the examination fee was transferred (or the application was not accepted).
- (5) If your return address changes, please notify the Student Affairs Division, Administration Office of NCU immediately.

### 13. Treatment of your personal information

NCU treats your personal information in accordance with the Act on the Protection of Personal Information of Nagoya City.

- (1) Use of your personal information
  - a. Your name, address and other personal information given in application documents, etc. are used for our operations of selection for admission (e.g., application registration, selection, application result announcement, admission procedure).
  - b. Your personal information used for selection for admission (e.g., academic transcript) may be used as reference material for investigative research and academic research to improve future selection for admission and graduate education. (Investigative research results are announced in such a way that individuals cannot be identified.)
  - c. After you are admitted, your personal information is used for operations related to educational affairs (e.g., enrollment management, schooling guidance), student support (e.g., health control, tuition waiver, application for scholarship, job placement support), and tuition collection.
- (2) Entrustment of operations to external business operators  
The operations of (1) above may be entrusted to some external business operators under an agreement with them for proper treatment of personal information.

### 14. Admission policy

Admission policy of Graduate School of Nagoya City University

Nagoya City University (NCU) aims to be a university in which all citizens feel pride and affinity. In graduate education, based on our recognition that research guidance for graduate students is a challenge in offering research activities. We aim to cultivate researchers and professionals who can gain advanced expertise and an interdisciplinary thinking.

With this philosophy and aim, the graduate school is widely looking for individuals who possess advanced expertise and an eagerness and aptitude for activity both within Japan and abroad, in addition to diverse skills and work experience.

#### **Notifications from NCU in case of emergency**

In case of emergency (e.g., occurrence of disaster) or if changes are required to the contents of this application guidebook, students will be notified those changes through the website of NCU. Particularly as the examination day draws near, pay close attention to the website of NCU. Applicants may also be directly contacted. In your application documents, therefore, be sure to provide contact details where you can always be reached.

NCU Website      <https://www.nagoya-cu.ac.jp/>

#### **A Ban on smoking in the premises**

NCU has banned smoking in the premises. All students are requested to observe this policy, and asked to further cooperate by not smoking on roads and alleys around NCU.

## Outline of Graduate School

Department	Research interests
Organic and Medicinal Chemistry	<ol style="list-style-type: none"> <li>1. Molecular design, synthesis, and evaluation of biologically functional and useful compounds</li> <li>2. Development of the methods for exploration and analysis for bioactive substances based on chemical approach</li> <li>3. Bioorganic chemistry for reactive oxygen species and nitric oxide</li> <li>4. Development of the compounds for controlling cellular properties based on photochemistry and organic chemistry</li> </ol>
Bioorganic chemistry	<ol style="list-style-type: none"> <li>1. Chemistry of enzyme and enzyme models</li> <li>2. Development of a functional molecule useful for clarification of biotic functions</li> <li>3. Rational design, synthesis and activity evaluation of drug lead compounds</li> <li>4. Development of functional molecules based on a new concept</li> </ol>
Synthetic Organic Chemistry	<ol style="list-style-type: none"> <li>1. Studies on the synthesis of biologically active natural products</li> <li>2. Studies toward drug discovery based on biologically active natural products</li> <li>3. Development of efficient methods for construction of molecular architectures</li> <li>4. Development of highly selective synthetic reactions</li> </ol>
Synthetic Supramolecular Chemistry	<ol style="list-style-type: none"> <li>1. Development of multicomponent domino reaction by using a transition metal catalyst, and its application to drug synthesis</li> <li>2. Logical study of transition metal-catalyzed reaction by ab initio molecular orbital study calculation</li> </ol>
Cellular Biophysics	<ol style="list-style-type: none"> <li>1. Analysis of allergic responses</li> <li>2. Artificial cell</li> <li>3. Mechanism of neural development</li> <li>4. Mechanism of exocytosis</li> </ol>
Physical Chemistry of Colloid and Polymer	<ol style="list-style-type: none"> <li>1. Study of the ordering of soft matter (colloid, gel, polymer, micelle)</li> <li>2. Formation of gel immobilized colloid crystal, and its application to materials</li> <li>3. Computer simulation of the ordering process of soft matter</li> <li>4. Application of colloid system to drug field</li> </ol>
Structural Biology and Biomolecular Engineering	<ol style="list-style-type: none"> <li>1. Elucidation of the functional mechanisms of biomolecules by integrative structural biology</li> <li>2. Structural glycobiology for elucidating pathological mechanisms and drug development</li> <li>3. Exploration of dynamical ordering of biomolecular systems for creation of integrated functions</li> </ol>
Molecular Biology	<ol style="list-style-type: none"> <li>1. Organelle biology</li> <li>2. Pathology for neurological disorders</li> <li>3. Epigenetics for metabolism</li> <li>4. Intracellular signals for cancer immunity</li> </ol>
Drug Delivery and Nano Pharmaceutics	<ol style="list-style-type: none"> <li>1. Development of a targeting drug delivery system (DDS) for brain cancer and other various cancer</li> <li>2. Design of a DDS for nano-micro lung-administered particles</li> <li>3. Formulation design of poorly soluble and absorbable drugs</li> <li>4. Development of a DDS for nano particle carriers</li> </ol>
Multilevel Biofunctional Analytics	<ol style="list-style-type: none"> <li>1. Elucidation of biomolecular networks using omics analysis</li> <li>2. Structural and functional analysis of glycans and drug discovery</li> <li>3. Research on biosynthetic systems of glycoproteins</li> </ol>
Pharmacognosy [Kampo Medicinal Therapeutics]	<ol style="list-style-type: none"> <li>1. Medical pharmaceutical study of crude drugs, Japanese traditional kampo medicines and natural materials</li> <li>2. Usability assessment of traditional medicines aiming at the application to various diseases, and their action mechanism</li> <li>3. Searching of biofunctional materials made from natural materials including plants or microbes and their application to drug discovery</li> <li>4. Genetic control for secondary metabolic function in plants and microbes, and production of useful compounds</li> <li>5. Analysis of the diverseness of medicinal resource plants based on genome information, and its application to crude drug assessment</li> </ol>

Department	Research interests
Molecular and Cellular Health Science	<ol style="list-style-type: none"> <li>1. Cytokine signaling and immune responses</li> <li>2. Studies on the pathogenesis of chronic inflammatory diseases</li> <li>3. Evaluation of novel drug delivery system using microorganisms</li> <li>4. Immune responses against microorganisms, including Mycobacterium and Staphylococcus spp.</li> </ol>
Biological Chemistry	<ol style="list-style-type: none"> <li>1. Molecular mechanism of translation and mRNA decay</li> <li>2. Posttranscriptional regulation of gene expression</li> <li>3. Antiviral defense mediated by exogenous mRNA decay</li> <li>4. Pathological mechanism of cancer, neurodegenerative diseases resulting from RNA aberrations</li> <li>5. Development of mRNA-based drug for gene therapy</li> </ol>
Molecular and Cellular Pharmacology [Biomolecular Pharmacology]	<ol style="list-style-type: none"> <li>1. Physiological functions of ion channels</li> <li>2. Pathophysiological roles of ion channels in cardiovascular diseases</li> <li>3. Electrophysiology and pharmacology in smooth muscle cells, cardiomyocytes, neurons, chondrocytes, and immunocytes</li> <li>4. Drug development in the ion channel research field</li> </ol>
Biomedical Science [Molecular Neuroscience]	<ol style="list-style-type: none"> <li>1. Molecular mechanism of neuronal network formation</li> <li>2. Molecular mechanism of higher brain function (e.g., memory, reading, feeling)</li> <li>3. Development of novel methods of diagnosis, prevention, and treatment of neurodevelopmental disorders</li> <li>4. RNA metabolism and its relation with neurodevelopmental disorders</li> </ol>
Biopharmaceutics [Biopharmaceutics and Clinical Pharmacokinetics]	<ol style="list-style-type: none"> <li>1. Functions and regulation mechanisms of transporters involved in drug disposition</li> <li>2. Roles of transporters in drug disposition</li> <li>3. Physiological and pathophysiological roles of transporters</li> <li>4. Methodologies of evaluation and prediction of drug disposition</li> </ol>
Pathobiology [Pathobiology and Pharmacotherapy in Pharmaceutical Practice]	<ol style="list-style-type: none"> <li>1. Neuroprotective effect and glial function</li> <li>2. Microenvironment around cancer</li> <li>3. Spontaneous regression and malignancy of neuroblastoma</li> <li>4. Early stage of arteriosclerosis</li> <li>5. Bone disease and osteoclast dysfunction</li> </ol>
Cell Signaling [Stress Response Cellular Biology]	<ol style="list-style-type: none"> <li>1. Clarification of cancer biological properties and development of novel molecular targeted drugs</li> <li>2. Clarification of the mechanisms of TGF<math>\beta</math> signal and cancer malignant progressions</li> <li>3. Clarification of cellular stress, including endoplasmic reticulum stress, and the pathogenesis of lifestyle-related diseases</li> <li>4. Understanding metabolic reprogramming and its application to disease prevention</li> <li>5. Effects of stress on drug and toxicant metabolism</li> </ol>
Neuropharmacology [Clinical Neuropharmacology]	<ol style="list-style-type: none"> <li>1. Analysis of the molecular mechanism for sleep-wake regulation using model animals</li> <li>2. Pharmacotherapeutics and clinical studies in sleep medicine</li> <li>3. Neuropharmacological study of chronic pain and palliative care</li> <li>4. Pharmacological approach to alleviate the higher brain dysfunction in metabolic disease</li> <li>5. Understanding of the mechanism of sensory abnormality caused by nerve injury</li> </ol>
Regulatory Science [Medicinal Safety Science]	<ol style="list-style-type: none"> <li>1. Construction and development of biomimetic models for drug safety assessment</li> <li>2. Drug side effects and drug-drug interactions via drug transporters</li> <li>3. Elucidation of mechanisms involved in pharmacokinetics and safety using clinical data</li> <li>4. Elucidation of dynamics and physiological effects of uremic toxins</li> </ol>
Clinical Pharmacy [Clinical Applied Pharmacotherapeutics] [Clinical Formulation] [Community Healthcare and Health Promotion]	<ol style="list-style-type: none"> <li>1. Differentiation of human iPS cells into intestinal cells and brain microvascular endothelial cells, and its application to the study of a new drug development</li> <li>2. Development of new anti-hepatitis B virus and evaluation of metabolism and toxicity of new anti-HBV drugs</li> <li>3. Clarification of the mechanism of vascular disorder due to diabetes, and examination of medication</li> <li>4. Development of patient-friendly formulations</li> <li>5. Development of formulations for wound healing</li> <li>6. Study on improving the solubility of poorly water-soluble drugs</li> </ol>

Department	Research interests
	7. Studies on risk factors of adverse drug event incidence, medical costs and medical systems for appropriate use of pharmaceuticals 8. Studies on influence of pharmaceutical use on quality of life 9. Studies on construction of support and education resulting in behavioral modification to appropriate pharmaceutical use and health promotion

**[Departments in Affiliate Graduate School]**

Department	Research interests
Oncology (Aichi Cancer Center Research Institute)	1. Clarifying the roles of tumor microenvironment in cancer formation and progression 2. Elucidating the molecular mechanisms of metastasis 3. Unraveling the pathophysiology of cancer cachexia 4. Study on the dysfunction of cellular signaling pathways in cancer
Experimental Gerontology (National Center for Geriatrics and Gerontology Research Institute)	1. To elucidate mechanisms underlying the pathogenesis of Alzheimer's disease 2. To identify therapeutic targets to halt the progression of Alzheimer's disease 3. To investigate roles of glial cells in neurodegenerative diseases
Quality Assurance Science for Pharmaceuticals (National Institute of Health Sciences)	1. Study on bioequivalence evaluation and quality management of generic drug products 2. Study on formulation and process design of pharmaceuticals 3. Studies on the quality control and quality assurance of regenerative/cellular therapy products 4. Development of testing methods for the assessment of quality and safety of regenerative/cellular therapy products derived from human ES/iPS cells
Integrative Science for Dynamic Living Systems (National Institutes of Natural Sciences)	1. Structural biology and its research methods 2. Protein structure and functional relationship 3. Development of molecular dynamics simulation method and its application to proteins 4. Theoretical study on the formation mechanism of protein aggregates causing neurodegenerative diseases
Regulatory Science for Evaluation of Pharmaceuticals and Medical Devices (Pharmaceuticals and Medical Devices Agency)	1. Study of quality, efficacy and safety evaluation of pharmaceuticals 2. Study of quality, efficacy and safety evaluation of medical devices 3. Study of quality, efficacy and safety evaluation of regenerative medicine products
Molecular Profiling for Cancer Precision Therapy (Japanese Foundation for Cancer Research)	1. Study on molecular mechanisms of drug resistance in cancer and therapeutic strategies to overcome the resistance 2. Understanding the diversity of cancer and development of new therapeutic strategies 3. Identification of new therapeutic targets based on cancer genomic and epigenomic information 4. Molecular mechanisms of cancer metastasis and development of anti-cancer metastasis drug
Biomedical Innovation Initiative (National Institutes of Biomedical Innovation, Health and Nutrition)	1. Cancer drug discovery without side effects through in vivo regulation of cancer-specific functional molecules 2. Development of immunotherapy and novel RNA vaccines aiming for functional cure against chronic infectious diseases 3. Development of personalized cancer immunotherapy through genomic and immunogenomic analysis



## List of Faculty Members, Graduate School of Pharmaceutical Sciences (Faculty of Pharmaceutical Sciences)

(As of June. 2025)

Department	Professor	Associate prof.	Assistant Professor	Research Associate
Community Pharmacy Management Individual Differences and Personalized Medicine [Clinical Pharmacy]	Tomoya Tachi Takahiro Iwao Yayoi Kawano	Tadahiro Hashita, Yuji Hotta (concurrent)	Eisei Hori Masayuki Saito Tomoaki Ishida	
Medicinal Safety Science [Regulatory Science]	Hiroshi Arakawa			
Kampo Medicinal Therapeutics [Pharmacognosy]	Toshiaki Makino	Kanichiro Ishiuchi	Kazuhiro Terasaka	
Biomolecular Pharmacology [Molecular and Cellular Pharmacology]	Hisao Yamamura		Yoshiaki Suzuki	Rubii Kondo
Molecular Neuroscience [Biomedical Science]	Mitsuharu Hattori	Takao Kohno	Maki Takagishi	
Biopharmaceutics and Clinical Pharmacokinetics [Biopharmaceutics]	Hiroaki Yuasa	Tomoya Yasujima	Takahiro Yamashiro	
Pathobiology and Pharmacotherapy in Pharmaceutical Practice [Pathobiology]	Mineyoshi Aoyama		Hiromasa Aoki	Kohki Toriuchi
Stress Response Cellular Biology [Cell Signaling]	Yasumichi Inoue		Chiharu Miyajima	
Pharmacotherapeutics - Palliative Care for Cancer Patients [Clinical Neuropharmacology]	Kazuhiko Kume	Jun Tomita	Yoshinori Suzuki	
Organic and Medicinal Chemistry	Hidehiko Nakagawa	Mitsuyasu Kawaguchi,		Yuhei Ohta
Bioorganic-Inorganic Chemistry	Naoki Umezawa	Yosuke Hisamatsu		Ryosuke Ishida
Synthetic Organic Chemistry	Seiichi Nakamura			Eisaku Ohashi
Synthetic Supramolecular Chemistry		Shin-ichi Ikeda		
Cellular Biophysics	Naohide Hirashima	Masahiko Tanaka		

Department	Professor	Associate prof.	Assistant Professor	Research Associate
Physical Chemistry of Colloid and Polymer	Jyunpei Yamanaka	Tohru Okuzono, Akiko Toyotama		
Structural Biology and Biomolecular Engineering	Koichi Kato (specially appointed professor)	Maho Yagi		
Molecular Biology	Michiko Shirane	Hirokazu Nakatsumi	Tomoya Ozaki	
Drug Delivery and Nano Pharmaceuticals	Tetsuya Ozeki		Koki Ogawa	
Multilevel Biofunctional Analytics		Hirokazu Yagi		
Molecular and Cellular Health Sciences	Shigeaki Hida			Isamu Ogawa
Biological Chemistry	Shin-ichi Hoshino	Tsuyoshi Udagawa		Hiroto Inagaki

#### Affiliated Research Institutes h Institutes

Staff	Professor	Associate prof.	Assistant Professor	Research Associate
Institute of Drug Discovery Science				

#### Affiliate Graduate School

Department	Professor	Associate prof.	Assistant Professor	Research Associate Assistant prof.
Oncology (Aichi Cancer Center Research Institute)	Masahiro Aoki, Chitose Oneyama (Guest Prof.)	Teruaki Fujishita (Guest Associate Prof.)		
Experimental Gerontology (National Center for Geriatrics and Gerontology Research Institute)	Koichi Iijima (Guest Prof.)	Michiko Sekiya (Guest Associate Prof.)		
Integrative Science for Dynamic Living Systems (National Institutes of Natural Sciences)	Kazuyoshi Murata (Guest Prof.)	Hisashi Okumura (Guest Associate Prof.)		
Quality Assurance Science for Pharmaceuticals (National Institute of Health Sciences)	Yoji Sato, Satoshi Yasuda (Guest Prof.)			
Regulatory Science for Evaluation of Pharmaceuticals and Medical Devices (Pharmaceuticals and Medical Devices Agency)	Naoyuki Yabana (Guest Prof.)			
Molecular Profiling for Cancer Precision Therapy (Japanese Foundation for Cancer Research)	Ryohei Katayama, Reo Maruyama (Guest Prof.)			
Biomedical Innovation Initiative (National Institutes of Biomedical Innovation, Health and Nutrition)	Toyomasa Katadiri, Takuya Yamamoto, Kazuma Kiyotani (Guest Prof.)	Takuto Nogimori (Guest Associate Prof.)		

[ ]: Advanced lecture to be delivered in the master's course of the doctoral program