

# 《Admission Policy》

## ◇ Principle, Objective and Admission Policy of the Doctoral Course at Integrated Graduate School of Medicine, Engineering, and Agricultural Sciences

### **[Principle and Objective]**

Working towards solution of problems that contemporary societies confront, we provide education and research training to foster capable researchers and professionals with high-grade expertise and competence who creatively promote academic studies from international standpoints.

### **[Educational Objective]**

We aim at cultivating superior researchers or advanced professionals who have profound knowledge and ability to pursue research, along with high ethical standards as principal investigators.

### **[Admission Policy]**

We accept individuals with the motivation to contribute to the current and future generations by promoting basic and original research.

## **Medicine**

We seek individuals who have a keen interest in medicine, high ethical standards, and the ability to reason and explain and who are eager to contribute to present and future generations by independently advancing research from their own unique perspectives.

# Application Guidelines

## 1. Capacity 20

## 2. Application Requirements

Applicants must meet at least one of the following requirements:

- (1) Having graduated from university by completing the course of Medicine, Dentistry, Veterinary Medicine or Pharmacy, or be expected to graduate by March 2020.
- (2) Having completed 18-year curricular education overseas (the final course must be either of Medicine, Dentistry, Veterinary Medicine or Pharmacy), or be expected to complete one by March 2020.
- (3) Having completed 18-year curricular education overseas (the final course must be either of Medicine, Dentistry, Veterinary Medicine or Pharmacy), or be expected to complete one by March 2020 by studying a correspondence program of an overseas school in Japan.
- (4) Having completed an overseas university course at an educational institution in Japan (and limited to those who have completed 18 years of the said foreign country's curricular education, with the final course in either Medicine, Dentistry, Veterinary Medicine or Pharmacy) which is designated in the said foreign country's education system and specifically designated in Japan by the Minister of Education, Culture, Sports, Science and Technology, or be expected to complete one by March 2020.
- (5) Students must have a bachelor's degree or equivalent, or be expected to have one by March 2020, from a course (in Medicine, Dentistry, Veterinary medicine, or Pharmacy only) at an overseas university or school with a term of study of five years or more. (This includes courses completed in Japan through correspondence education provided by the overseas school and courses at institutions designated under the preceding item as educational institutions in that country; the institution must have been evaluated by an organization approved by the government of that overseas country or a relevant official body or separately recognized as so by the Minister of Education, Culture, Sports, Science and Technology in Japan.)
- (6) As designated by the Minister of Education, Culture, Sports, Science, and Technology (in Notification No. 39 of 1955 of the Ministry of Education):
  - 1) Those who have studied Medicine or Dentistry at Medical or Dentistry faculty of a university prescribed by the old University Ordinance (Imperial Ordinance No. 388 of 1918) and who have graduated from either of these faculties.
  - 2) Those who have graduated from the National Defense Medical College according to the Act for Establishment of the Ministry of Defense (Act No. 164 of 1954).
  - 3) Those who have completed a master's course or are eligible to receive a master's degree, as well as those who have been enrolled for at least two years in a doctoral course which does not have the divisions of two-year and three-year courses, who have undertaken at least 30 academic credits in addition to the required research guidance (including those falling under Article 6-1 of the Academic Degree Regulations [Education Ministry Ordinance No. 9, 1953] prior to amendment according to the Ministerial Ordinance on the Partial Amendment of the Academic Degree Regulations [Education Ministry Ordinance No. 29 of 1974]), and who are deemed by this Graduate School to have academic ability equivalent or superior to that of a graduate of a university course either of Medicine, Dentistry, Veterinary Medicine or Pharmacy.
  - 4) Those who, after graduating from university (excluding courses in Medicine, Dentistry, Veterinary Medicine or Pharmacy) or completing 16 years of overseas curricular education, have undertaken at least two years of research at a university or research institute, and are deemed by this Graduate School on the basis of their research accomplishments to have academic ability equivalent or superior to that of a graduate of a university course either of Medicine, Dentistry, Veterinary Medicine or Pharmacy.
- (7) Having attended a university (the course must be either of Medicine, Dentistry, Veterinary Medicine or Pharmacy) for four years or more, and have been proven at this Graduate School to have acquired sufficient credits with excellent results.
- (8) Having completed 16 years of overseas curricular education (either course of Medicine, Dentistry, Veterinary medicine or Pharmacy must be included) or who have completed 16 years of overseas curricular education in Japan by way of a correspondence program (either course of Medicine, Dentistry, Veterinary medicine or Pharmacy must be included), and have been proven at this Graduate School to have acquired sufficient credits with excellent results.
- (9) Having completed an overseas university course (limited to those who have completed 16 years of the said foreign country's curricular education which includes a course of Medicine, Dentistry, Veterinary Medicine or Pharmacy) at an educational institution in Japan which is designated in the said foreign country's education system and specifically designated in Japan by the Minister of Education, Culture, Sports, Science and Technology, and who are recognized by this Graduate School as having completed prescribed academic units with excellent results.
- (10) Having been recognized by this Graduate School based on an individual eligibility review as having academic ability equivalent to or surpassing that of a university graduate, and is at least 24 years of age at the time of enrollment.

## Notes:

1. **Prior to applying, any required arrangements with the main Ph.D supervisor (academic advisor) of your preference should be made by the applicants.**
2. The applicants who apply under (5), please contact our Registrar Group (for Graduate School), Academic Affairs Division (phone:+81(0)55-273-9627) by **June 5<sup>th</sup> (Wednesday), 2019.**
3. For applicants who apply under the conditions of (6) to (10) above, an examination of application requirements will be conducted in advance; therefore, please submit the documents for this examination to Admission Division by **June 12<sup>th</sup> (Wednesday), 2019.** (The documents must arrive by this date.)  
Please download the documents to be submitted for use in the examination of application requirements from the University of Yamanashi website:  
Admissions > Graduate School Entrance Examination > Applicant Requirements  
(<https://www.yamanashi.ac.jp/admission/45>).  
The results of the examination will be notified to the applicants on **June 21<sup>th</sup> (Friday), 2019.**
4. The “course in the field of Veterinary Medicine or Pharmacy,” mentioned in the (1) and (7) through (9) must be a 6-year program.

### 【Special measures for entrance examination】

If you need special consideration in the entrance exam or in the course study, for such as physical disability, please contact Admission Division (phone:+81(0)55-220-8046), by June 12<sup>th</sup> (Wednesday), 2019.

## 3. Application Procedure

### **Important:** Non-Japanese Students

Non-Japanese students should consult with their preferred academic advisor regarding details on how to complete the online application.

#### (1) Preparation(Please prepare the following ①–⑥)

- ① Applicants should prepare a computer or a smartphone or a tablet connected to the Internet
- ② A printer for printing the application documents
- ③ An E-mail address for registering as a user
- ④ An image file containing a photograph of the applicant’s face
- ⑤ A ¥362 stamp for posting the application documents (for sending examination admission slip)  
\*Unnecessary for the person who applies from foreign countries.
- ⑥ Rectangular #2-sized envelope (24 cm × 33.2 cm)  
\*Unnecessary for the person who applies from foreign countries.

#### (2) Application Method

- ① Register the application information using the online application site  
↓
- ② Pay the entrance examination fee  
↓
- ③ Print, complete, and post the application documents (must arrive by the deadline)

※ Applicants must complete ①–③ above before the application deadline. Please note that we cannot accept the application if any one of these procedures has not been completed by the application deadline.

#### (3) Online Application Site

**<https://syutugan.yamanashi.ac.jp>**

The online application site can be accessed using the above URL. Please follow the guidelines on the screen to register the applicant’s personal and application information, etc.

#### (4) Payment of the Examination Fee

**Examination fee ¥30,000**

1. Please select the payment method from the examination fee payment screen and complete the payment procedure. The following payment methods are accepted. The payment method of the one to apply from the foreign countries is only a credit card. Depending on the method of payment, it may take about two hours for your payment to be confirmed.  
①Convenience store, ②ATM of a financial institution (Pay-easy), ③Internet banking, ④Credit card
2. For all payment methods, transfer fee will be charged separately.
3. Once the examination fee has been paid, it will not be refunded for any reason.

### 【Exemption from the Entrance Examination Fee】

The University of Yamanashi takes measures to exempt applicants affected by the 2011 Tohoku earthquake and tsunami, the Kumamoto earthquakes, Heavy rain in July of 2018 and the 2018 Hokkaido Eastern Iburi earthquake from the fee for this entrance examination.

Applicants who wish to apply for an exemption should contact the Admission Division before entering their applicant information via the online application site.

Please check the University of Yamanashi website ([https://www.yamanashi.ac.jp/examination\\_list](https://www.yamanashi.ac.jp/examination_list)) for details regarding exemption application documents, etc.

#### (5) Inquiries Related to Online Applications

Admission Division, Academic Affairs Support Department, University of Yamanashi

Phone: +81(0)55-220-8046

E-mail: [web-nyushi-tr@yamanashi.ac.jp](mailto:web-nyushi-tr@yamanashi.ac.jp)

## 4. Application Documents

The application documents include documents to be prepared by the applicant and documents to be printed from the online application site.

NO	Application documents	Description
1	Certificate of (Prospective) Graduation (Completion)	Certificate issued by the graduating university, or equivalent.
2	Academic Transcript	Transcript created and sealed by the graduating university, or equivalent.
3	Personal Resume	Please submit the “Personal Resume” after printing the form from the application documents print page.
4	Postage Stamp Sticking Paper (for sending examination admission slip)	Affix a ¥362 stamp to the “Postage Stamp Sticking Paper” after printing it from the application documents print page. *A ¥362 stamp is not necessary for the person who applies from foreign countries.
5	Certificate of Research Activities	Those who have engaged in research at a university, research institute or others must submit the research history certified by the director of the organization, in the form attached to this guideline. (Also enclose the summary of the research institute whether it is inside Japan or not.)
6	Letter of Approval	Applicants who wish to continue their employment after the enrollment are required to present a Letter of Approval by the head of the organization.
7	Resident Card (Non-Japanese students only)	<ul style="list-style-type: none"><li>• Applicants holding nationality in a foreign country, and who also register their residency in a municipality of Japan, are required to submit a Resident Record (Status of residence and Period of stay listed in the Resident Record) delivered by the local government office where they reside.</li><li>• Those who have not registered their residency in a municipality of Japan must submit a copy of their passport.</li></ul>

**Note:** The submission of No.6 and No.7 is required for those who are applicable.

※ Please download the documents to be submitted for use in the examination of application requirements from the University of Yamanashi website: <https://www.yamanashi.ac.jp/admission/45>  
Admissions > Graduate School Entrance Examination > Applicant Requirements

## 5. Application Period

### (1) Application Period

**June 26<sup>th</sup> (Wednesday) – July 2<sup>nd</sup> (Tuesday), 2019 5:00 pm (must arrive by the deadline)**

Applicants must complete “Register the application information using the online application site”, “Pay the entrance examination fee” and “Print, complete, and post the application documents” before the application deadline.

Please note that we cannot accept the application if any one of these procedures has not been completed by the application deadline.

## (2) Method for Submitting the Application Documents

Please print out the “Application Documents Checklist” from the application documents print page on “My Page” on the online the application site and check that all documents are present before submitting the application. Please consider postal conditions and ensure that the documents arrive at the university within the application period.

### ① For residents in Japan

Please print the “Envelope Address Label” from the application documents print page and stick it on your own Rectangular #2-sized envelope (24 cm × 33.2 cm).

If sending your application documents by post, please be sure to send them by registered express mail.

If you want to deliver your application documents in person, please submit them to the Admission Division, Academic Affairs Support Department between 9:00 am and 4:30 pm on during the application period (excluding university and public holidays).

### ② For residents overseas

Please send your application documents by EMS or DHL.

Please print the “Envelope Address Label” from the application documents print page, and send it with other application documents.

## (3) Address for Submitting the Application Documents and Reference for the Overall Application Process

Admission Division, Academic Affairs Support Department, University of Yamanashi

4-4-37, Takeda, Kofu, 400-8510 Japan

Phone: +81(0)55-220-8046

### 【Notes Regarding Applications】

1. Please be careful when preparing your application since incomplete documents will not be accepted.
2. Once the application documents have been received, they cannot be returned under any circumstances.  
Once the online applicant registration is completed, changes to the application content will not be permitted under any circumstances.
3. Misrepresentation of any information submitted in the application documents may result in rejection of the application even after the applicant has entered the university.

## 6. Selection Method

Successful applicants will be chosen based on the total assessment of the results of an academic achievement examination, an oral examination and a review of their academic transcript of graduating school.

Date and Hour	Type of Examination	Examination Hall
July 17 <sup>th</sup> (Wednesday), 2019	10:00~12:00	Educational Research Building for School of Nursing, Faculty of Medicine, University of Yamanashi (on the Medical Campus, University of Yamanashi)
	13:00~	
July 19 <sup>th</sup> (Friday), 2019	14:00~16:00	University of Medicine and Pharmacy at Ho Chi Minh City
	16:30~	

### Remarks:

1. Please be seated at least 10 minutes before the start of examination.
2. Usage of own dictionaries (except for electronic devices) is permitted for English examination.
3. You are not allowed to take an examination after 30 minutes have elapsed since the examination has started.  
If you are late an examination time, you are allowed in rooms until the moment when 30 minutes have elapsed since examination.
4. When applying, select the Examination Hall on Online Application Site. Only those who have obtained permission from University of Yamanashi can take the exam at the University of Medicine and Pharmacy at Ho Chi Minh City.
5. No inquiries about the exam should be addressed to the University of Medicine and Pharmacy at Ho Chi Minh City because the university is only rented as a venue for the exam and is not involved in our admission process.
6. Under no circumstances are candidates allowed to take the exams at venues other than that specified on the examinee’s card.

## 7. Announcement of Successful Applicants

Announcement of the successful applicants will be made on the bulletin board at the front entrance of Building of Clinical Lecture in Medical Campus at around 10:00 am on July 30<sup>th</sup> (Tuesday), 2019. A letter of acceptance will also be sent to the successful applicants.

The examinee numbers of successful applicants will also be exhibited at our website (<https://www.yamanashi.ac.jp>), but the letter of acceptance will be the final confirmation. (Information Regarding the results will not be provided via telephone.)

## 8. Admission Period

April 2020

## 9. Admission Procedures

- (1) Period for admission: August 26<sup>th</sup> (Monday) ~ August 28<sup>th</sup> (Wednesday), 2019.
- (2) Enrollment fee: ¥282,000 (Tentative). Admission fees and tuition fees may be revised at the time of admission. The enrollment fee already paid will not be refunded for any reasons.
- (3) Documents related to the admission procedure will be sent together with the notification of acceptance.

## 10. Tuition Fee

Tuition is ¥267,900 (annual fee ¥535,800) (Tentative).

- When the tuition fee is revised, the new fee will be applied from the time of revision.
- Basically, the tuition fee will be withdrawn from a bank account. The procedure will be guided separately.

## 11. Other Expense

Other small fees such as Personal Accidents Insurance for Students Pursuing Education and Research are also applicable.

## 12. Privacy Policy

The personal information given by the applicants such as names and addresses will be employed for ①Admissions, or selection of enrollee (application handling, admissions implementation), ②Announcement of successful applicants, ③Operation of enrollment procedure, and ④Conduct of statistical survey. Also the examination results applied to the admissions will be used for the creation of the reference materials for the enrollee selection method ahead.

The personal information given by the enrollee will be employed for ①Academic affairs (register, instruction), ②Student-support related (such as health administration, employment assistance, tuition waiver/scholarship application), and ③Operation related to the collection of tuition.

# Admissions Guide

## 1. Objective

We nurture independent individuals with high ethical standards who have interdisciplinary knowledge spanning medicine, engineering, and agriculture; outstanding research capabilities and high-level expertise in medical fields; and a keen awareness of problems in clinical and research fields for developing medicines and medical technology, promoting medical projects and public health policy, and making contributions to community medicine.

## 2. Course Outline

The period of studies for this course is typically 4 years.

## 3. Academic Advisor and Topics of Research

As specified in Appendix 1.

## 4. Degrees

- (1) The name of the degree in this major is Doctor of Philosophy (Medicine).
- (2) The Doctorate degree will be awarded after attending the graduate school for at least four years, having completed at least 30 credit hours, receiving the necessary research instructions, and receiving the approval of Doctoral dissertation and passing the final examination. However, in the case of excellence in research, the minimum of three years may be a sufficient term of study.

## 5. Coursework and Research Approach

In the first and the second years, students receive guidance from an academic advisor and study at least 30 credits in total; these include 2 credits from graduate school common courses and 3 credits from required common courses in medicine or nursing in the first year and at least 25 credits from courses in their major and other major fields in the first and second years.

In the third and the fourth years, students will continue to receive research instructions and acquire advanced competency to pursue academics as independent researchers, with the learning to form a basis of competency.

## 6. Special Exceptions According to Article 14 of Graduate Schools Establishment Standards

In our Doctoral Course, according to “Special Exception of Education Method” in the provisions in Article 14 of the Standards for Establishing Graduate Schools, the courses are held also at night, to allow mature students to enroll while remaining employed. In this method, a designated number of credits must be taken from the courses in the specially provided hours and periods. Basically, these courses will be held from 6:10 pm to 9:20 pm on weekdays, or during Saturdays and summer/winter vacations for students to attend, and also to receive research guidance.

## 7. Extended Enrollment System

This system is for students with limited time for study because of their employment and others. The course term can be extended beyond the standard term of four years but within the specified period (eight years at the longest) to take and complete the course. The number of required credits is the same as in the standard term so the annual schedule will be considerably less tight.

For inquiries about this system, contact our Registrar Group (for Graduate School), Academic Affairs Division (phone: +81(0)55-273-9627).

## **8. Exemption or Collection Postponement of Admission and Tuition Fees**

### **(1) Exemption of Admission Fee**

In any of the cases below, upon student's request and screening, half or total of the admission fee payment may be exempted:

- a. If a student has demonstrated strong academic achievement but is unable to afford the admission fee as a result of financial hardship.
- b. If it is proved that there is a marked difficulty to afford the admission fee, due to the death of the applicant's academic expenses sponsor within one year before the admission or due to natural disasters that affect the sponsor or student.

### **(2) Postponement of Collection of Admission Fee**

In any of the cases below, upon student's request and screening, the admission fee payment may be postponed:

- a. If a student has demonstrated strong academic achievement but is unable to afford the admission fee as a result of financial hardship.
- b. If it is proved that there is a marked difficulty to afford the admission fee, due to the death of the applicant's academic expenses sponsor within one year before the admission or due to natural disasters that affect the sponsor or student.

### **(3) Exemption of Tuition Fees**

In any of the cases below, upon student's request and screening, half or total of the tuition payment may be exempted:

- a. If a student has demonstrated strong academic achievement but is unable to afford the tuition as a result of financial hardship.
- b. If it is proved that there is a marked difficulty to afford the tuition, due to the death of the applicant's academic expenses sponsor within six months before the deadline of tuition payment (or one year before the admission) or due to natural disasters that affect the sponsor or student.

## **9. Scholarship/Academic Research Financial Incentive System**

There are scholarship plans offered by the Japan Student Services Organization. Loan rates are as follows:

The first class (no interest) ¥80,000 or ¥122,000 per month for the Doctoral Course (the First Semester), and the second class (interest is charged) has selections of ¥50,000 per month, ¥80,000 per month, ¥100,000 per month, ¥130,000 per month or ¥150,000 per month (as for the academic year 2019). Other scholarship systems are also available.

For details, contact our Student Support Staff of Academic Affairs Division (phone: +81(0)55-273-9334).

Our university also provides Academic Research Financial Incentive System aiming at reducing the financial burden

on students and supporting them to concentrate on academic life. For more information, contact our Registrar Group (for Graduate School), Academic Affairs Division (phone: +81(0)55-273-9627).

## **10. Personal Accident Insurance for Students Pursuing Education and Research**

This insurance is part of a mutual aid system and has the objective of giving relief in case of damage or accidents during the student's educational research activities, as well as covering students on the way to school. The insurance fee for four years is ¥5,370.



## Academic Advisor and Topics of Research

Department	Teaching Staff		Main Research Focus
Anatomy and Structural Biology	Toshiyuki Oda	Professor	Structural and functional analyses of motile cilia using cryo-electron microscopy
Anatomy and Cell Biology	Sen Takeda	Professor	Functional analysis on the novel neural signaling system through cilium Interdisciplinary approaches to the development of a new medical diagnostics machine
Integrative Physiology	Takeshi Saigusa	Senior Assistant Professor	Electrophysiological study on the medullary neural network in the control of the sympathetic nervous system
Biochemistry 2	Keiji Miyazawa	Professor	Mechanisms of growth factor signaling
Molecular Pathology	Jianglin Fan	Professor	Molecular pathology, elucidation of molecular mechanisms of the life-related disease, atherosclerosis, translational research
Microbiology	Kohji Moriishi	Professor	Research and development of novel anti Hepatitis virus agents
Immunology	Atsuhito Nakao	Professor	How allergic diseases occur?: molecular mechanisms and new approaches for the prevention and treatment
Legal Medicine	Noboru Adachi	Professor	DNA analysis on the highly degraded samples, mainly ancient human skeletons.
	Hideki Shojo	Associate Professor	Mechanism of the neuronal death and degeneration after trauma.
Health Sciences	Hiroshi Yokomichi	Associate Professor	Observational studies on the risk factors of incident type 2 diabetes Clinical epidemiologic studies on the mortality of the patients with diabetes and dyslipidaemia Observational studies of health check-up participants
Gastroenterology and Hepatology	Nobuyuki Enomoto	Professor	Analysis of the correlation between drug resistance and hepatitis virus genomic structures. A role of DKK family members in colorectal carcinogenesis. Investigation for the molecular mechanism of hepatocarcinogenesis induced by hepatitis virus thorough determining complete viral genomic sequences.
Cardiovascular and Pulmonary Science and Medicine	Kiyotaka Kugiyama	Professor	A development of non-invasive measurements of unstable atherosclerotic plaque
Nephrology, Endocrinology, and Rheumatology	Kenichiro Kitamura	Professor	Roles of serine proteases in the pathogenesis of kidney diseases, hypertension, and diabetes
Neurology	Yoshihisa Takiyama	Professor	Clinical Neurology, Molecular Genetics in Hereditary Neurodegenerative Disorders, Microneurography in Autonomic Nervous System
	Kazumasa Shindo	Associate Professor	Effects on neural function by artificial high concentrated carbonated water bathing in human Microneurographic analysis in neurodegenerative disorders Autonomic function in older subjects
Hematology/Oncology	Keita Kirito	Professor	Glycolysis and cancer
Pediatrics	Takeshi Inukai	Professor	Analysis of drug sensitivity in leukemia

Neuropsychiatry and Clinical Ethics	Takefumi Suzuki	Professor	Research on optimizing diagnostics and therapeutics for refractory mental illnesses
Dermatology	Tatsuyoshi Kawamura	Professor	A novel immunotherapeutic approach for cancer (melanoma). Analyses of HIV and herpes virus infection.
Surgery 1	Daisuke Ichikawa	Professor	Novel therapy for esophageal cancer with cancer vaccination., Innovative therapy for inflammatory bowel disease with cytokine regulation., Pancreatic cancer treatment by the improvement of cancer tissue hypoxia., Elucidation of mechanisms and establishment Liquid biopsy in patients with cancers
Surgery2	Hiroyuki Nakajima	Professor	Cardiac surgery for ischemic, valvular and congenital heart diseases. Vascular surgery. Thoracic surgery for benign and malignant lung diseases. Pediatric surgery.
Orthopaedic Surgery	Hiroataka Haro	Professor	#1: Development of surgical treatment for spine and spinal cord disorders, bone and soft tissue tumors, hand and pediatric disorders, and reconstruction of extremity and joints. #2: Molecular biologic investigation for spinal disorders, rheumatoid arthritis
Neurosurgery	Hiroyuki Kinouchi	Professor	Innovation of the surgical treatment for stroke based on the Advanced pathophysiology
Anesthesiology	Takashi Matsukawa	Professor	Anesthesia for patients with coronary artery disease, Cerebral circulation and anesthesia, Thermoregulation and anesthesia, Neuropathic pain
	Takeshi Oguchi	Associate Professor	Preconditioning effects of high dose insulin in the ischemic heart Cardiovascular effects of protamine
Obstetrics and Gynecology	Shuji Hirata	Professor	Regenerative Medicine using Somatic Cell Nuclear Transfer, Study of Carcinogenesis of Uterine Cervical Cancer.
	Akihiko Hashi	Associate Professor	The analysis of uterine endocervical glandular lesions with gastric mucin
Urology	Takahiko Mitsui	Associate Professor	Lower Urinary Tract Dysfunction, Minimally Invasive Therapy, Endoscopic Surgery, Urological Oncology, Treatment of Renal Failure, Renal Transplantation, Pediatric Urology
Ophthalmology	Kenji Kashiwagi	Associate Professor	Glaucoma, Regional medical coalition
Radiology	Hiroshi Onishi	Professor	Diagnostic imaging, magnetic resonance imaging, radiation oncology, interventional radiology
	Utaro Motosugi	Associate Professor	Development of new MR technique for imaging diagnosis
Oral and Maxillofacial Surgery	Koichiro Ueki	Professor	Jaw bone regeneration using bio-materials and dynamic stimulation Morphological and dynamic analysis related to incidence of jaw deformity and temporomandibular joint dysfunction Changes in trigeminal somato-sensory evoked potential and nerve tissue after maxillofacial surgery Research of mode of invasion in oral cancer
Clinical and Laboratory Medicine	Katsue Suzuki-Inoue	Professor	A role of Platelets beyond clotting focusing on a platelet activation receptor, CLEC-2 Signal transduction pathways in platelet activation mediated by adhesion molecules and receptors Monitoring of anti-platelet drug
Pathology	Tetsuo Kondo	Professor	Molecular mechanism of thyroid cancer

Department of Advanced Biomedical Research	Masaru Iwasaki	Professor	Methodology for biomedical research The clinical application of advanced biomedical research
Community and Family Medicine	Wataru Sato	Professor	Community health policy, health economics, evaluation of the quality of medical care, electronic medical records, utilization of medical information
Emergency and Critical Care Medicine	Kenichi Matsuda	Professor	Development of novel treatment for multiple organ failure(MOF). Mechanisms of MOF. Blood purification. Liquid ventilation.
Clinical Pharmaceutics	Toshio Oguchi	Professor	Improved stabilization of pharmaceutical preparations, Optimization study of drug therapy through pharmaceutical design, Development of medication information sharing system among medical institutions
Center for Medical Education and Sciences (Molecular and Cellular Biology)	Masao Saitoh	Professor	Molecular mechanisms of tumor progression, epithelial-mesenchymal transition(EMT)
Center for Medical Education and Sciences (Physics)	Shinji Akiyama	Professor	1.Numerical verification of the dynamical foundation of statistical mechanics, focussing especially on invariant measures realized by a single orbit. 2.Classification by statistical properties of chaotic orbits in conservative dynamical systems, focussing mainly on how they are approximated by periodic orbits.