Admission in Spring (April)2026

Graduate School of Medicine
Doctoral Program(Medical Science)

Student Application Guideline

National University Corporation

Shiga University of Medical Science

Table of Contents

Our Philosophy, etc.

Our Philosophy

As the university which is supported by its local community, contributes to the community and plays an active part in the world, we contribute to development of medical and nursing science and promotion of human health.

Graduate School Mission

We strive to nurture outstanding researcher and expert with advanced knowledge and capability in medicine and nursing. Our mission is to apply advances in medicine and nursing to the betterment of welfare in our society.

The Admission Policies

○ Students we seek

In accordance with the University's philosophy, we welcome individuals who have the knowledge, ability, and skills necessary to become excellent medical researchers and medical professionals, and who will work diligently and enthusiastically to acquire advanced medical research capabilities, as described below.

1. Those who are motivated to contribute to the progress and development of medicine and health care through scientific exploration in the fields of medicine, health care, life science, and medicine-related interdisciplinary fields.
2. Those who have international perspectives and a passion to play an active role in the world.
3. Those who have respect for life and high ethical standards.
4. Those who are motivated to play an active role as a leader to overcome diseases in a wide range of fields in industry-academia-government.

○ Student Selection

・Advanced Medical Science Course, Advanced Medicine for Clinicians Course and Interdisciplinary Medical Science and Innovation Course

1. The Graduate School conducts a General Medicine and Life Science exam that separately tests students' fundamental understanding and thinking abilities in the following areas: medicine, health care and life science, and medicine-related interdisciplinary fields.
2. We also conduct a foreign language examination (English) to measure students' global sense and their ability to express themselves.
3. In addition to the two abovementioned examinations, candidate students must undergo an interview that confirms their passion for research, cooperative abilities, and high ethical standards.

・NCD Epidemiology Leader's Course

1. We conduct an essay examination to test applicants' basic knowledge about reducing the incidence of Non-Communicable Diseases (NCD).
2. We conduct a foreign language examination (English) to measure students' global sense and their ability to express themselves.

3. In addition to the two abovementioned examinations, candidate students must undergo an interview that confirms their passion for research, cooperative abilities, high ethical standards, and language ability.
4. We evaluate candidates by their submissions to confirm their passion for reducing the incidence of NCD in the world, doing research, and developing their language abilities.

The Curriculum Policies

To allow students to acquire advanced knowledge, skills, and ability stated in the Degree Policies, the curriculum is organized as follows.

1. Course Organization

   The Graduate School provides common subjects (or core area subjects) so that students can acquire the specialized knowledge and research skills necessary for medical research, as well as sufficient knowledge and a robust understanding of ethics, including medical ethics, bioethics, and research ethics. In elective subjects, the School allows student to acquire cutting-edge knowledge and research skills through lectures, exercises, and practical trainings in each specialized area, and to develop the ability to carry out research independently.

2. Education Methods

   (1) By establishing four courses, the Graduate School provides students with an organically systematized education as well as research opportunities offered by our entire faculty. In addition, multiple faculty members shall be responsible for each student.

   (2) The Graduate School stipulates several common and elective subjects.

   The contents of the common subjects are as follows:

   ①The Advanced General Medicine and Technical Seminar cultivates the expertise and research skills required to become a medical researcher.

   ②Introduction to Ethics in Medicine and Life Science familiarizes students with knowledge and standards in the fields of medical ethics, bioethics, and research ethics.

   ③Introduction to Epidemiology and Medical Statistics fosters the knowledge of epidemiology and statistics that is necessary to conduct medical research.

   ④A seminar on the Integration of Fundamental Knowledge and Clinical Research encourages students to learn knowledge and methodological approaches beyond the scope of conventional basic and clinical studies. Elective Subjects foster students' ability to independently conduct research by utilizing the most advanced knowledge in their areas of specialization, and their research skills.

   (3) Each course provides its own characteristic subjects as indicated below:

   ① The Advanced Medical Science Course fosters students' ability to conduct independent research by providing them with opportunities to participate in advanced and unique research projects that involve fundamental research ethics and the most advanced research techniques.

②Advanced Medicine for Clinicians Course develops students' ability to play leading roles in medical settings by educating them on medical-related ethical and legal issues with a focus on clinical research. Additionally, the course supports students in their training to qualify as specialized physicians by providing the medical techniques that are necessary to serve as experts.

③The Interdisciplinary Medical Science and Innovation Course fosters students' ability to play important roles in areas of the industry-academia collaboration by providing not only medical but also interdisciplinary knowledge, including engineering and physics, as well as practical research skills.

④The NCD Epidemiology Leader's Course covers epidemiology, clinical epidemiology, and public health, and fosters leaders in areas of the industry-academia-government collaboration to play active roles in reducing the incidence of NCD. The course includes practical training with internships conducted outside the university.

3. Assessment of Learning Outcomes

Students' achievement of the learning objectives stated in the syllabus will be assessed objectively through multifaceted evaluation including examinations, reports, etc. In the third year, the progress of students' research will be evaluated in the Qualifying Examination (QE) based on their poster presentation, and the research advisory plan will be checked. Dissertation defense will be public for rigor and transparency, and examine candidates' knowledge, ability, and developmental potential.

The Diploma Policies

To produce medical professionals as stated in the Purpose of Education, the Graduate School of Medicine awards a Doctor of Philosophy (Medicine) degree to those who have attended the school for the prescribed period of time, completed the course requirements, passed the examinations, and acquired the following professional knowledge and skills.

1. Students must have the necessary expertise and research skills as medical researchers.
2. Students must possess the excellent knowledge and ethics in the fields of medical ethics, bioethics, and research ethics.
3. Students must have the ability to conduct research independently and disseminate research results to the world.
4. Students must have the ability to contribute to the society through research and promotion of medical science.
5. In addition to the above, students shall acquire the following abilities and knowledge for each of the Courses listed below:

(1) For the Advanced Medical Science Course, highly advanced knowledge and the ability to exert leadership in government, industry, and academic settings, including in international contexts.

(2) For the Advanced Medicine for Clinicians Course, knowledge and medical skills required to serve as a specialist, and the ability to exert leadership in medical fields.

(3) For the Interdisciplinary Medical Science and Innovation Course, interdisciplinary knowledge and research skills to integrate medical fields with other areas.

(4) For the NCD Epidemic Leader's Course, capability in researching about epidemiology and clinical epidemiology and being leaders in the world of industry-academia-government who play an active role in reducing the incidence of NCD.

Student Application Guidelines

Admission Quota

28 students in Medical Science
(including working adult students)

-Advanced Medical Science Course
-Advanced Medicine for Clinicians Course
(* Including the Oncology Specialist Training Course and Forensic Generalist, Forensic Specialist Training Course)
-Interdisciplinary Medical Science and Innovation Course
- NCD Epidemiology Leader's Course

*For the details of "the Oncology Specialist Training Course" and "Forensic Generalist, Forensic Specialist Training Course," please refer to the attached application guidelines.

(Note) For applicants who are willing to enroll while maintaining their job, "Special Exception of Education Method" according to Article 14 of Graduate Schools Establishment Standards shall apply, and we may provide education through appropriate means, which may include conducting classes or research guidance in the evening or other defined hours and periods.

Eligibility for Applicants

1. Those who have graduated or are expected to graduate from a school of medicine or dentistry of a university, or a six-year program of pharmacy or veterinary medicine by March 2026.
2. Those who have completed or are expected to complete 18 years of school education (must include medicine, dentistry, pharmacy, or veterinary medicine in the curriculum) by March 2026.
3. Those who have completed or are expected to complete 18 years of school education in a foreign country (must include medicine, dentistry, pharmacy, or veterinary medicine in the curriculum), by taking courses in correspondence education while in Japan provided by a school in a foreign country by March 2026.
4. Those who have completed a curriculum (an applicant must complete 18 years of school education in a foreign country (must include medicine, dentistry, pharmacy or veterinary medicine in the curriculum)) in an educational institution in Japan that is deemed to have courses offered by an overseas college according to the educational system of that country and have also been designated by the Ministry of Education, Culture, Sports, Science and Technology.
5. Those who have academic ability equivalent or superior to those who have completed a master's program or have earned a master's degree, and have also been designated by the Minister of Education, Culture, Sports, Science and Technology according to Notification No. 39 dated April 8, 1955, from the Ministry of Education and Notification No. 118 dated September 1, 1989, from the Ministry of Education, including those who are recognized to have an academic ability equivalent or superior to those who have graduated from a school of medicine, dentistry, or veterinary medicine.
6. Those who stayed in a six-year college for four years or more without graduating from it (a curriculum must include medicine, dentistry, pharmacy, or veterinary medicine) and are recognized by our school that they have earned a designated number of credits with excellent grades.
7. Those who have completed 16 years of school education in a foreign country (a curriculum must include medicine, dentistry, pharmacy, or veterinary medicine); those who have completed 16 years of school education in a foreign country (must include medicine, dentistry, pharmacy, or veterinary medicine in the curriculum), by taking courses in correspondence education provided by a school in a foreign country; or

those who have completed a curriculum (an applicant must complete 16 years of school education in a foreign country (must include medicine, dentistry, pharmacy, or veterinary medicine in the curriculum)) in an educational institution in Japan that is deemed to have courses offered by an overseas college according to the educational system of that country and have also been designated by the Minister of Education, Culture, Sports, Science and Technology, while being recognized by our school to have earned a designated number of credits with excellent grades.

8. Those who are recognized to have academic ability equivalent or superior to those who have graduated from a college (a curriculum must include medicine, dentistry, pharmacy, or veterinary medicine) through individual screening of requirements for admission and who will be 24 years old before or on March 31, 2026.

(Notes) 1. Applicants for working students must apply to one of the above criteria, already work at the point of application, and obtain approval from their supervisor for enrollment while maintaining their job.

2. If you apply, following any of the above criteria 5-8, please refer to "Screening of Eligibility for Application" on page 11.

Application Procedure

1. Period of Application

Monday, October 27 to Friday, October 31, 2025

(as indicated by the postmark on the envelope)

2. Address to Submit Application Documents and Inquiry

Admissions Office, Student Affairs Division

Shiga University of Medical Science

Seta Tsukinowa-cho, Otsu City, Shiga 520-2192, Japan

Tel: +81-77-548-2071 (direct)

3. Application Documents (Please use the designated forms for the documents marked with an asterisk*.)

	Required Document	Note
1	Application for Admission *	
2	Academic Transcript (Japanese or English)	Prepared and sealed by the President (Dean) of the school attended. Not required for those who have graduated/will graduate from our university. If you have completed/will complete a master's program, please also submit an academic transcript prepared and sealed by the President (Dean) of the graduate school attended.
3	Certificate of Graduation or Certificate of Expected Graduation (Japanese or English)	Prepared by the President (Dean) of the school attended. Not required for those who have graduated/will graduate from our university. If you have completed/will complete a master's program, please submit only a certificate of completion (or a certificate of expected completion) prepared by the President of the graduate school attended.
4	Payment verification form (included at the end of this booklet) *	After paying the **30,000 yen** entrance examination fee using the deposit request form (designated by the university and included at the end of this booklet) between Friday, October 10 and Friday, October 31,2025, at a bank, **attach the "Certificate of Payment" with stamp of receipt in its designated spot.**
5	Examination Admission Card/ Photo Card *	Attach your photo (upper front body, no hats, taken within the past three months, 4 cm high × 3 cm wide) on the designated column.
6	Envelope for sending an Examination Admission Card *	**On the front of the envelope, write your name/address and attach postage stamps equivalent to 410 yen.**
7	Address Card *	Fill in the address where you would like to receive a letter of acceptance. Please do not remove the sticker mount.
8	Letter of Permission for Examination from a Supervisor	Submit only if you are currently enrolled in another graduate school (unless expected to graduate by March 2026) or work in a government, medical institution, company, etc. (It is not required if you currently attend our university.) (Refer to the attached format example)
9	Personal Statement *	Form A In English (Only for applicants to the NCD Course)
10	Certification of English Proficiency *	Form B In English (Only for applicants to the NCD Course)
11	Recommendation letter *	Form C Prepared and sealed by a supervisor of the school or institute attended (Only for applicants to the NCD Course)

(Notes) 1. Applicants for the NCD Epidemiology Leader's Course should download Forms A-C from the following webpage. https://www.shiga-med.ac.jp/admission/graduate/requirements
Documents 1-8 are the same for all courses.

2. Any change in the description will not be accepted after submitting your application. Regardless of reasons, application documents will not be returned once they are submitted.
3. The documents submitted for eligibility screening also can be used for this application procedure. You do not need to submit the same documents twice.
4. If false information is found in the application documents, admission may be canceled even after enrollment.

4. Application Methods

(1) Send by Postal mail

Prepare application documents and send them in a designated envelop enclosed with this guideline by "registered express mail."

(2) Submit at School

Bring application documents to "2. Address to Submit Application Documents and Inquiry" on page 6. They will be accepted between 9:00 am and 5:00 pm. (except Saturdays and Sundays)

5. Consultation with our Faculty before the Submission of Application (Mandatory)

To determine a course you would like to apply for, please do not fail to consult with the faculty member whom you wish to receive guidance (refer to pages 23-32) before the submission of your application (or before Screening of Eligibility for Application if you take it.)

In that case, call our main phone number (077-548-2111) or contact the faculty member directly.

6. Considerations

(1) An Examination Admission Card will be sent to an applicant by Tuesday, November 25. If you do not receive it by Thursday, November 27, promptly contact "2. Address to Submit Application Documents and Inquiry" listed on page 6.

(2) If you have any special considerations for taking the entrance examination or attending our school, such as a handicap, please inform us of "2. Address to Submit Application Documents and Inquiry" listed on page 6 prior to your application.

(3) Refund procedure for those who are eligible to receive an examination fee refund:

If you correspond with one of the following conditions, your examination fee can be refunded. If not, the fee will not be refunded for whatever reason. If you apply for a refund, contact "2. Address to Submit Application Documents and Inquiry" listed on page 6 by Thursday, November 27, 2025.

① Those who do not submit an application after paying the examination fee (application documents were neither submitted nor accepted)

② Those who paid the examination fee twice by mistake

Selection Method, etc.

1. Selection Method

Written examination, interview, and application documents will be evaluated. Working adult applicants are not specially selected separately from other applicants. The same selection process will be used for them.

2. Examination schedule

Date	Hours	Course name, examination type and point allocation			
		-Advanced Medical Science Course -Advanced Medicine for Clinicians Course -Interdisciplinary Medical Science and Innovation Course		-NCD Epidemiology Leader's Course	
Tuesday, December 2	10:00 – 11:30	English competence exam	120 points	English competence exam	50 points
	12:30 – 13:30	-Written exam on general medicine and life science	120 points	-Essay	50 points
	14:00 –	Interview (individual)	*1	Interview (individual)	*2 *3

*1. In the interviews for Advanced Medical Science Course, Advanced Medicine for Clinicians Course, and Interdisciplinary Medical Science and Innovation Course, a scale is used to assess the qualities and aptitude to become an medical educator and/or researcher, and the results are taken into account in the overall evaluation.

*2. For NCD Epidemiology Leader's Course applicants, an individual interview will be conducted in English to determine if the applicants are suitable for our program in terms of qualifications and academic ability.

*3. For NCD Epidemiology Leader's Course applicants, the total points allotted for the interview and application documents (English essay, English proficiency, and recommendation letter) will be 140 points.

(Note) 1. Only graphite pencils (including mechanical pencils), pencil sharpeners (not electronic), erasers, glasses, watches (with clock function only) , eye drops, tissues, and handkerchief are allowed to use during the examination. Please take tissues out from their package.

2. During the "English competence exam," it is permitted to bring in paper dictionaries (electronic dictionary are not allowed.). However, medical dictionaries are not allowed in this exam.

3. Applicants for Advanced Medical Science Course, Advanced Medicine for Clinicians Course, or Interdisciplinary Medical Science and Innovation Course who have eligibility No.6 will take the essay exam instead of the exam on General medicine and life science.

4. Please make sure to contact the Admissions Office by email (hqnyushi@belle.shiga-med.ac.jp) to confirm the scope of the examination for General medicine and life science.
Please include "Regarding the scope of the examination for General medicine and life science" in the subject line and your "name, address, phone number, and current employment" in the body of the email.

3. Location

Shiga University of Medical Science (Please refer to the "Campus Map" on page 13.)

Details will be sent together with the Examination Admission Card.

Result Announcement

10:00 am, Friday, December 12, 2025

Successful applicants' numbers will be announced on our homepage (https://www.shiga-med.ac.jp/), while "a letter of acceptance" will be sent to successful applicants.

We do not answer any inquiries regarding results by phone.

Enrollment Registration

1. Date and Time

   ・**At school**
   From 9:00 am to 5:00 pm on Thursday, March 5, 2026

   ・**By postal mail**
   Due by 5:00 pm, Friday, March 6, 2026
   If you send documents via postal mail, please call the phone number given in item 2 below no later than 5:00 pm, Wednesday, March 4, 2026.

2. Place of registration (postal address) and contact

   Admissions Office, Student Affairs Division
   Shiga University of Medical Science
   Seta Tsukinowa-cho, Otsu City, Shiga 520-2192, Japan
   Tel: +81-77-548-2071 (direct)

3. Payment

   (1) Entrance fee: 282,000 yen

   (2) Tuition fee: 267,900 yen for the first half
   (For reference, the amount for AY2025 is 267,900 yen for the first half and 535,800 yen for the year.)

   ① Successful applicants will be notified of information regarding tuition fees, including the amounts and payment details.

   ② The tuition fee for the second half must be paid using the payment slip provided by SUMS before the end of May, 2026.

   ③ When the tuition fee is revised during enrollment, the new fee shall be applied from the date the revision takes effect.

4. Exemption of Payment

   Exemption and deferred payment of entrance fee and tuition may be applicable, and procedures for these will be announced separately to successful applicants. However, due to budgetary constraints, there may be cases where exemptions are not possible, so please carefully consider your payment plan for entrance and tuition fees.

5. Documents to Be Submitted

Documents and other information required for the registration will be announced with the letter of acceptance.

6. Considerations

(1) An Examination Admission Card will be necessary for the registration, so please be careful not to lose it.

(2) If you do not complete the registration by the above date, it will be considered as a withdrawal of enrollment.

Screening of Eligibility for Application

If you apply based on any of the criteria 5-8 listed in Eligibility for Applicants, you must undergo the following screening procedures to be certified as eligible to apply.

1. Application Documents for Screening

(1) If you apply under criteria 5, submit following items from ① to ④.

(2) If you apply under criteria 6 or 7, submit following items from ① to ⑥.

(3) If you apply under criteria 8, submit following items from ① to ④ and ⑦.

① Request for Screening of Eligibility for Application (designated form available)

② Future research theme and research plan (about 700-800 words on an A4-size sheet)

③ Academic Transcript (Prepared and sealed by the President (Dean) of the school attended.(Japanese or English) If you have completed/will complete a master's program, please also submit an academic transcript prepared and sealed by the President (Dean) of the graduate school.)

④ Envelope for sending a screening result: Please write your name/address, and attach postage stamps equivalent to 410 yen on the front of a "Nagagata No. 3" size envelope (120 × 235 mm)

⑤ Letter of recommendation (Prepared by the President (Dean) of the school attended. However, if you apply for NCD Course, please use the Form C.)

⑥ Curriculum (copy) and syllabus (copy) of the school currently attended

⑦ Letter of recommendation (Prepared by the supervisor of a research/medical institution, etc. However, if you apply for NCD Course, please use the Form C.)

2. Period of Application

From Monday, September 29 to Friday, October 3, 2025 (must arrive by 5:00 pm)

3. Place to Submit the Application Documents

The place and address for submission are the same as "2. Address to Submit Application Documents and

Inquiry" on page 6.

If you send them by postal mail, send via "simplified registered mail" and write **"Enclosed with the request for Screening of Eligibility for Application for Doctoral Program"** in red ink on the front of the envelope. If you submit them at school, please bring it to the Admissions Division between 9:00 am and 5:00 pm.

4. Eligibility Screening

Eligibility screening is conducted based on documents you will submit. However, an interview may be required, and in that case, the applicant will be notified.

5. Screening Results

Screening results will be sent to the applicants by **Thursday, October 23, 2025**.

If you are eligible, please follow the application procedure stated in this guideline (refer to page 6.)

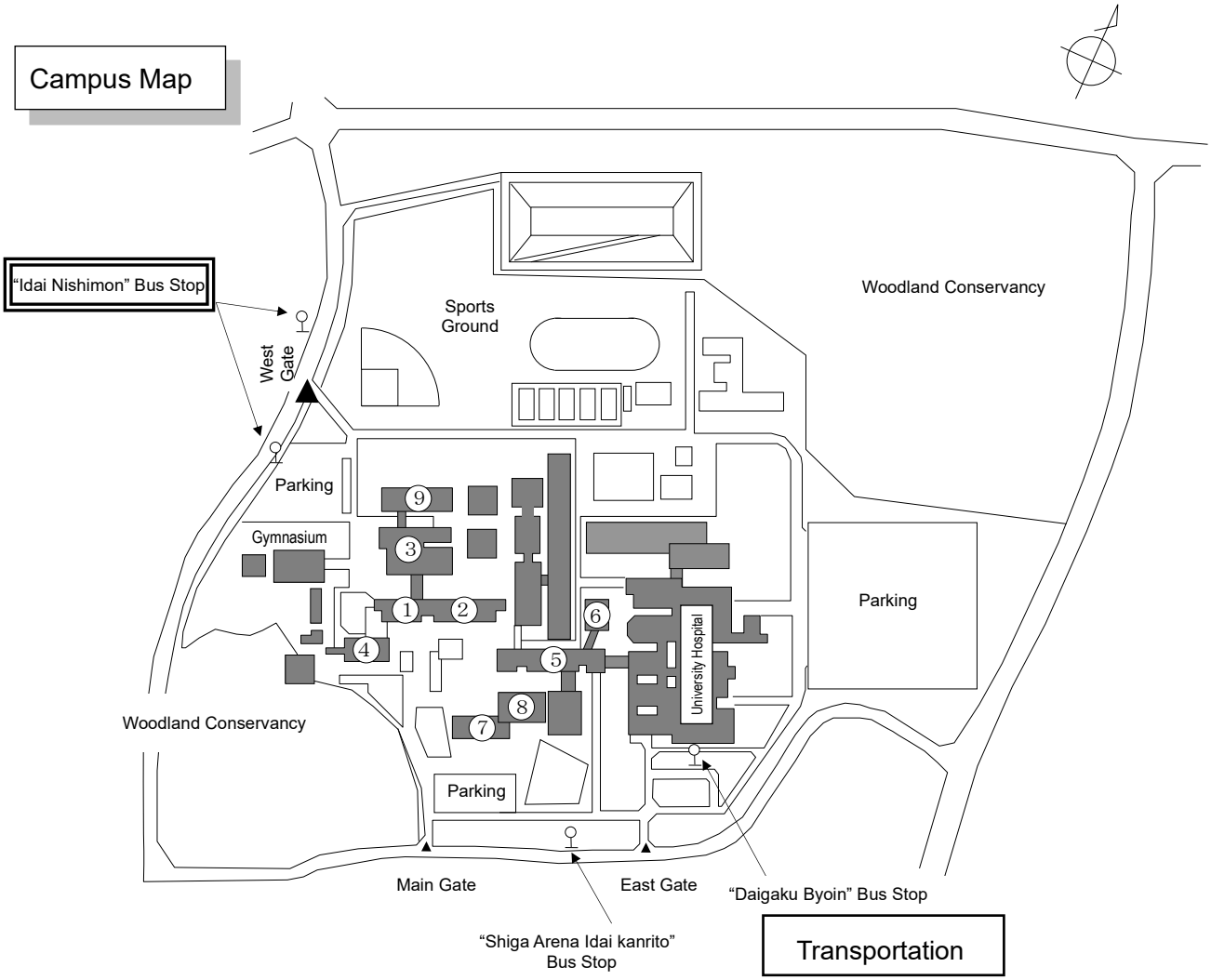
Please note that documents submitted for the Screening of Eligibility can be used for the subsequent application procedure, so there is no need to submit them in duplicate.

Handling of Private Information

Please be advised that private information obtained by the school during the admission process will be handled in accordance with the following conditions.

1. Private information will be handled in accordance with the "Act on the Protection of Personal Information" and "Protection of Personal Information Regulations Held by the National University Corporation, Shiga University of Medical Science (as translated)."
2. Name, address, and other private information on submitted application documents, etc., will be used for (1) applicant selection (application processing and selection), (2) notification of successful applicants, and (3) registration for enrollment.
3. Examination results obtained through applicant selection will be used to develop materials for future applicant selection.
4. Enrolling students' private information provided in application documents, etc. will be used for (1) teaching (student registration, study guidance, etc.), (2) support for students (health management, application for scholarship, etc.), and (3) administration regarding tuition payment.

Campus Map



(1) General Education and Research Building

(2) **Medical Science Research Building**

(3) Basic Medicine Laboratories and Lecture Halls

(4) Student Center

(5) Clinical Medicine Education and Research Building

(6) Clinical Lecture Halls

(7) Administration Building and Health Management Center

(8) Library and Multimedia Center

(9) School of Nursing Building

Transportation

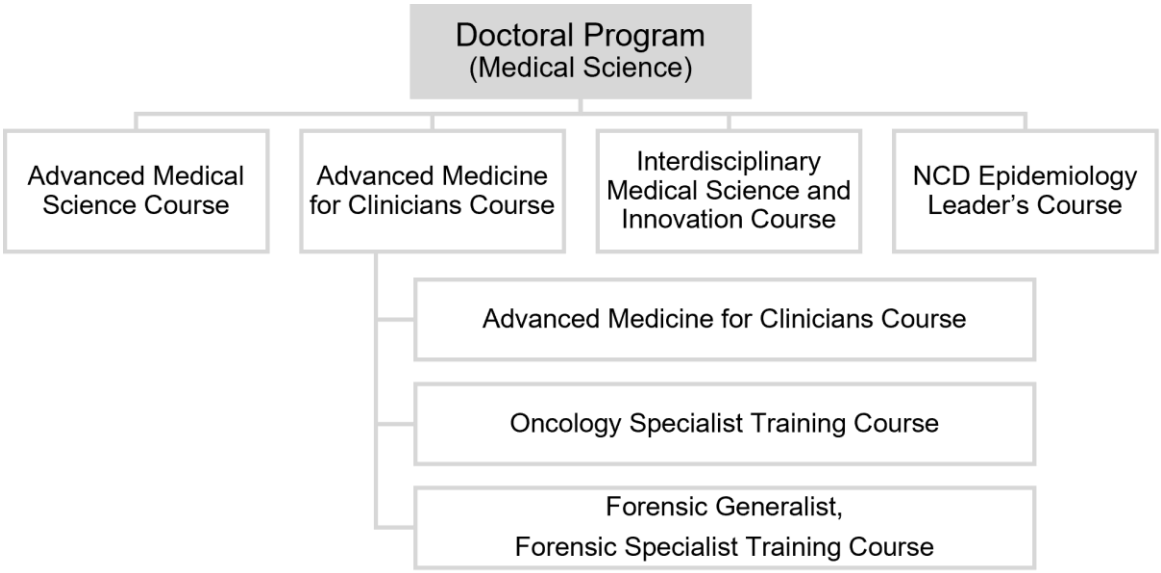
Take a route bus heading for "Shiga Idai" in front of Seta Station of JR Tokaido Honsen (Biwako Line) and get off at "Idai Nishimon" (takes about 15 min)

Overview of the Graduate School of Medicine, Doctoral Program (Medical Science)

Purpose

The purpose of this Graduate School of Medicine (Doctoral Program) is to grow excellent researchers who have advanced research ability required to be independently engaged in creative research activities, high academic expertise that serves as a foundation for the former ability, and a sense of humanity; and our mission is to dedicate ourselves to the advancement of medical science and improvements in social welfare.

Structure



Four courses are offered to grow (1) medical researchers and advanced clinicians who can perform unique and leading-edge research based on high academic expertise and broad knowledge in general medicine; (2) people with interdisciplinary knowledge and research abilities, for example, on medicine and engineering or medicine and biotechnology; and (3) physicians and medical researchers with high expertise, a sense of humanity, and high ethical standards.

- **Advanced Medical Science Course:**

Students engage in medical research from basic medicine to clinical medicine and develop a doctoral dissertation to obtain the degree. This course aims to achieve the following three objectives.

1. Development of excellent researchers who have the advanced research abilities needed to be independently engaged in creative research activities, high expertise that serves as a foundation for the former abilities, high ethical standards, and a sense of humanity.
2. Development of highly motivated people who have an enthusiastic and inquisitive mind with creativity and who try to solve a variety of medical issues ranging from basic medicine to clinical medicine.
3. Development of physicians/medical researchers who have the latest knowledge and research abilities sufficient to play an active role in the international arena.

- **Advanced Medicine for Clinicians Course:**

Students engage mainly in clinical research while working to be qualified as a specialist and develop a doctoral dissertation to obtain their degree. This course aims to achieve the following three objectives.

1. Development of advanced clinicians who have excellent research abilities, advanced clinical skills, high ethical standards, and a sense of humanity.
2. Development of medical research to develop new diagnostic and therapeutic methods with the aim of adopting research outcomes in clinical medicine from clinical sites.
3. Study on medical ethics and legal theories with a focus on clinical research and the development of people who can be successful leaders in clinical sites.

Advanced Medicine for Clinicians Course also has "Oncology Specialist Training Course" and "Forensic Generalist, Forensic Specialist Training Course".

- **Interdisciplinary Medical Science and Innovation Course:**

Students study about the creation of a new academic discipline and medical innovation through the integration of medicine and other fields of study and develop a doctoral dissertation to obtain their degree. Classes are considered for those who have graduated from a department other than a medical school. This course aims to achieve the following three objectives.

1. Development of researchers who have interdisciplinary knowledge and high research skills that transcend conventional academic disciplines, such as medicine, engineering, and biotechnology, combined with high ethical standards and a sense of humanity as clinicians.
2. Development of people who lead innovations in medical science and practice with interdisciplinary knowledge and high research ability.
3. Development of researchers who have not only broad knowledge on basic and clinical medicines but also interdisciplinary perspectives and research abilities to become successful in research institutions of college, private companies, and other organizations.

- **NCD Epidemiology Leader's Course:**

Students research on NCD (Non-Communicable Disease) and develop a doctoral dissertation to obtain the degree. This course aims to achieve the following four objectives.

1. Development of well-balanced NCD leaders who possess medical knowledge concerning NCD, expertise in epidemiological methodology and biostatistics, as well as the ability to formulate novel solutions for improving public health in Asia.
2. Development of global leaders who are internationally minded, proficient in English, and capable of engaging in logical discussion.
3. Development of academic leaders with first-rate research skills based on extensive experience in large-scale epidemiologic research studies and international collaborative research.
4. Development of dynamic leaders capable of playing an active role at the front line of health-related industries and government agencies focused on public health issues.

List of Classes and Number of Credits

Refer to Appendix 1.

For Oncology Specialist Training Course and Forensic Generalist, Forensic Specialist Training Course, please refer to "Student Application for Oncology Specialist Training Course" and "Forensic Generalist, Forensic Specialist Training Course," respectively.

Major Study Themes of Faculty

Refer to Appendix 2.

Study Guide

- **Advanced Medical Science Course, Advanced Medicine for Clinicians Course, Interdisciplinary Medical Science and Innovation Course:**

1. Over the first, second, and third years, students must earn at least 30 credits in total, including 14 credits from compulsory subjects; and 4 credits from compulsory subjects among course subjects; and 12 or more credits from practice subjects.
2. In the third and fourth years, students should dedicate themselves in voluntary research activities, while receiving research guidance suitable for their research themes from their academic advisors, to nurture the advanced research abilities needed to be independently engaged in creative research activities and expertise that serves as foundations for the former abilities.
3. For inquiries about Oncology Specialist Training Course and Forensic Generalist, Forensic Specialist Training Course, please contact the relevant department separately.

- **NCD Epidemiology Leader's Course:**

1. During the four years of the program, students are required to earn 18 credits in the compulsory subjects and two credits in the elective subjects in core area; two credits in the elective subjects in supplemental area; and eight credits in the compulsory subjects and two credits in the elective subjects of practicum.
2. Starting in the second year, students will engage in their own research under the guidance of an academic advisor. They will participate in a training program at another institution in order to gain practical knowledge in association with their research subject. Through these experiences, students will acquire advanced research skills and become capable of conducting research independently and creatively.

Special Exception of Education Methods

In our Graduate School of Medicine (Doctoral Program), the "Special Exception of Education Method" has been adopted according to Article 14 of Graduate Schools Establishment Standards. We provide classes and research guidance not only during the daytime, but also in the evening and other special hours or periods so that workers can complete a program and receive education and research guidance while maintaining their job. (It does not apply to the Project for Reducing the Burden of Non-Communicable Disease (NCD) in the Asian Pacific Region.)

Grant of Academic Degree

1. The standard term of study is four years.
2. A degree of “Doctor of Philosophy in Medical Science” is granted.
3. The degree is granted to those who have stayed in this graduate school for four years or more, earned 30 credits or more in accordance with the above Study Guide, and passed a Qualifying Examination, furthermore passed a dissertation review and a final examination after receiving the necessary research guidance. However, those who have stayed in this graduate school for three years or more, achieved extraordinary research results, and fulfilled certain requirements may be granted a degree even if they stayed in the school for less than four years.

List of Classes and Number of Credits

Advanced Medical Science Course, Advanced Medicine for Clinicians Course,
Interdisciplinary Medical Science and Innovation Course

Subject classification		Subject	Grade	Semester	Credits			Compulsory/ Elective
					Lect.	Ex.	Prac.	
Common subjects	Foundational Education	Basic Science Fundamentals & Multidisciplinary Seminars Ⅰ	1-2	1st	3			Compulsory
		Basic Science Fundamentals & Multidisciplinary Seminars Ⅱ	1-2	2nd	3			Compulsory
		Technical Seminar	1-2	1st		2		Compulsory
		Bioethics and Medical Ethics	1-2	1st	1			Compulsory
		Fundamentals of Epidemiology and Medical Statistics	1-2	1st	1			Compulsory
		Integrated Basic and Clinical Seminar Ⅰ	1-2	1st	2			Compulsory
		Integrated Basic and Clinical Seminar Ⅱ	1-2	2nd	2			Compulsory
Course Subjects	Advanced Medical Science	Pioneer Seminar	1-2	1st		2		Compulsory
		Frontier Medical Research Method	1-2	1st			2	Compulsory
	Advanced Medicine for Clinicians	Clinical Research	1-2	1st	2			Compulsory
		Skills for Epidemiology and Medical Statistics	1-2	1st			1	Compulsory
		Medical Ethics and Law	1-2	2nd	1			Compulsory
	Interdisciplinary Medical Science and Innovation	Biomedicine	1-2	1st	1			Compulsory
		Genome Science	1-2	2nd	1			Compulsory
		Bioinformatics	1-2	1st	1			Compulsory
		Infectious Diseases	1-2	1st	1			Compulsory
Practice subjects	Common	Practice in Cellular Physiology A	1-3	1st			2	Elective
		Practice in Cellular Physiology B	1-3	2nd			2	Elective
		Practice in Developmental and Functional Anatomy A	1-3	1st			2	Elective
		Practice in Developmental and Functional Anatomy B	1-3	2nd			2	Elective
		Practice in Stem Cell Biology A	1-3	1st			2	Elective
		Practice in Stem Cell Biology B	1-3	2nd			2	Elective
		Practice in Systems Neuroscience A	1-3	1st			2	Elective
		Practice in Systems Neuroscience B	1-3	2nd			2	Elective
		Practice in Regulation of Gene Expression A	1-3	1st			2	Elective
		Practice in Regulation of Gene Expression B	1-3	2nd			2	Elective
		Practice in Molecular Cell Biology A	1-3	1st			2	Elective
		Practice in Molecular Cell Biology B	1-3	2nd			2	Elective
		Practice in Molecular Neuroanatomy A	1-3	1st			2	Elective
		Practice in Molecular Neuroanatomy B	1-3	2nd			2	Elective
		Practice in Diagnostic Pathology A	1-3	1st			2	Elective
		Practice in Diagnostic Pathology B	1-3	2nd			2	Elective

Appendix 1

Subject classification		Subject	Grade	Semester	Credits			Compulsory/ Elective
					Lect.	Ex.	Prac.	
Practice subjects	Common	Practice in Pathology and Immunology A	1-3	1st			2	Elective
		Practice in Pathology and Immunology B	1-3	2nd			2	Elective
		Practice in Molecular Pharmacology A	1-3	1st			2	Elective
		Practice in Molecular Pharmacology B	1-3	2nd			2	Elective
		Practice in Occupational Health A	1-3	1st			2	Elective
		Practice in Occupational Health B	1-3	2nd			2	Elective
		Practice in Legal Medicine A	1-3	1st			2	Elective
		Practice in Legal Medicine B	1-3	2nd			2	Elective
		Practice in Cardiology A	1-3	1st			2	Elective
		Practice in Cardiology B	1-3	2nd			2	Elective
		Practice in Respiratory Medicine A	1-3	1st			2	Elective
		Practice in Respiratory Medicine B	1-3	2nd			2	Elective
		Practice in Gastroenterology A	1-3	1st			2	Elective
		Practice in Gastroenterology B	1-3	2nd			2	Elective
		Practice in Hematology A	1-3	1st			2	Elective
		Practice in Hematology B	1-3	2nd			2	Elective
		Practice in Endocrinology, Metabolism & Nephrology A	1-3	1st			2	Elective
		Practice in Endocrinology, Metabolism & Nephrology B	1-3	2nd			2	Elective
		Practice in Neurology A	1-3	1st			2	Elective
		Practice in Neurology B	1-3	2nd			2	Elective
		Practice in Pediatrics A	1-3	1st			2	Elective
		Practice in Pediatrics B	1-3	2nd			2	Elective
		Practice in Psychiatry A	1-3	1st			2	Elective
		Practice in Psychiatry B	1-3	2nd			2	Elective
		Practice in Dermatology A	1-3	1st			2	Elective
		Practice in Dermatology B	1-3	2nd			2	Elective
		Practice in Gastrointestinal Surgery, and Breast, Pediatric and General Surgery A	1-3	1st			2	Elective
		Practice in Gastrointestinal Surgery, and Breast, Pediatric and General Surgery B	1-3	2nd			2	Elective
		Practice in Cardiovascular Surgery A	1-3	1st			2	Elective
		Practice in Cardiovascular Surgery B	1-3	2nd			2	Elective
		Practice in General Thoracic Surgery A	1-3	1st			2	Elective
		Practice in General Thoracic Surgery B	1-3	2nd			2	Elective
		Practice in Orthopaedic Surgery A	1-3	1st			2	Elective
		Practice in Orthopaedic Surgery B	1-3	2nd			2	Elective
		Practice in Hands-on Educational Program in Neurosurgery A	1-3	1st			2	Elective
		Practice in Hands-on Educational Program in Neurosurgery B	1-3	2nd			2	Elective

Appendix 1

Subject classification		Subject	Grade	Semester	Credits			Compulsory/ Elective
					Lect.	Ex.	Prac.	
Practice subjects	Common	Practice in Otorhinolaryngology-Head and Neck Surgery A	1-3	1st			2	Elective
		Practice in Otorhinolaryngology-Head and Neck Surgery B	1-3	2nd			2	Elective
		Practice in Obstetrics and Gynecology A	1-3	1st			2	Elective
		Practice in Obstetrics and Gynecology B	1-3	2nd			2	Elective
		Practice in Urology A	1-3	1st			2	Elective
		Practice in Urology B	1-3	2nd			2	Elective
		Practice in Ophthalmology A	1-3	1st			2	Elective
		Practice in Ophthalmology B	1-3	2nd			2	Elective
		Practice in Anesthesiology A	1-3	1st			2	Elective
		Practice in Anesthesiology B	1-3	2nd			2	Elective
		Practice in Radiology A	1-3	1st			2	Elective
		Practice in Radiology B	1-3	2nd			2	Elective
		Practice in Oral and Maxillofacial Surgery A	1-3	1st			2	Elective
		Practice in Oral and Maxillofacial Surgery B	1-3	2nd			2	Elective
		Practice in Clinical Laboratory Medicine A	1-3	1st			2	Elective
		Practice in Clinical Laboratory Medicine B	1-3	2nd			2	Elective
		Practice in Critical and Intensive Care Medicine A	1-3	1st			2	Elective
		Practice in Critical and Intensive Care Medicine B	1-3	2nd			2	Elective
		Practice in Medical Oncology A	1-3	1st			2	Elective
		Practice in Medical Oncology B	1-3	2nd			2	Elective
		Practice in Primary Care Medicine A	1-3	1st			2	Elective
		Practice in Primary Care Medicine B	1-3	2nd			2	Elective
		Practice in Plastic & Reconstructive Surgery A	1-3	1st			2	Elective
		Practice in Plastic & Reconstructive Surgery B	1-3	2nd			2	Elective
		Practice in Clinical Cancer Pharmacology A	1-3	1st			2	Elective
		Practice in Clinical Cancer Pharmacology B	1-3	2nd			2	Elective
		Practice in Molecular Neuroscience A	1-3	1st			2	Elective
		Practice in Molecular Neuroscience B	1-3	2nd			2	Elective
		Practice in Neuropathobilogy A	1-3	1st			2	Elective
		Practice in Neuropathobilogy B	1-3	2nd			2	Elective
		Practice in Neuropharmacology A	1-3	1st			2	Elective
		Practice in Neuropharmacology B	1-3	2nd			2	Elective
		Practice in Neuroscience A	1-3	1st			2	Elective
		Practice in Neuroscience B	1-3	2nd			2	Elective

Appendix 1

Subject classification		Subject	Grade	Semester	Credits			Compulsory/ Elective
					Lect.	Ex.	Prac.	
		Practice in Laboratory Animal Science A	1-3	1st			2	Elective
		Practice in Laboratory Animal Science B	1-3	2nd			2	Elective
		Practice in Epidemiology Research A	1-3	1st			2	Elective
		Practice in Epidemiology Research B	1-3	2nd			2	Elective
		Practice in Biocommunication Research A	1-3	1st			2	Elective
		Practice in Biocommunication Research B	1-3	2nd			2	Elective
		Practice in Regenerative Medicine Research A	1-3	1st			2	Elective
		Practice in Regenerative Medicine Research B	1-3	2nd			2	Elective

Appendix 1

List of Classes and Number of Credits

NCD Epidemiology Leader's Course

Area	Cluster	Subject	Grade	Semester	Credits			Compulsory/ Elective
					Lect.	Ex.	Prac.	
Core Area	Public Health	Fundamentals of Public Health	1	Year-around	2			Compulsory
		Health Administration and Public Health Law	2	Year-around	2			Compulsory
	Epidemiology and Medical Statistics	Fundamentals of Epidemiologic Methods	1	Year-around	2			Compulsory
		Fundamentals of Clinical Trials	1	Year-around	2			Compulsory
		Fundamentals of Medical Statistics	1	Year-around	2			Compulsory
	Advanced Topic of Epidemiology	Epidemiology of NCDs	1	Year-around	2			Compulsory
		Social Epidemiology	2	Year-around	2			Compulsory
	International Communication	Workshop for Discovering Asian Culture and Ethics	1	Year-around		2		Compulsory
		Presentation and debates	2	Year-around		2		Compulsory
Supplemental Area	Clinical Medicine	Clinical medicine of NCDs	1	Year-around	2			Elective
	Medical Innovation	Medical innovation from bench to community	2	Year-around	2			Elective
		Industrial Health	1	Year-around		2		Elective
Practicum		Thesis preparation	2	Year-around			4	Compulsory
		Global Research Training	2	Year-around			2	Elective
		Research and Development in the Health Related Industries	2	Year-around			2	Elective
		Fieldwork at an Asia-Pacific region	3	Year-around			2	Elective
		Presentaion at academic conferences	3	Year-around			4	Compulsory

(As of July 2025)

Study Themes of Faculty Members

Department	Title	Name/Study Themes
Division of Physics, Department of Fundamental Biosciences		
	Professor	**MERA Yutaka** 1. Study on nanomaterials, nanostructures and surfaces 2. Development of nano-spectroscopy 3. Medical application of nanotechnology
	Associate Professor	**NARUSE Nobuyasu** 1. Research for optical properties of nano-,bio-materials 2. Research for material science using diffraction, microscopy, and spectroscopy 3. Physics research contributing to environmental science, agriculture, disaster prevention, and medical science 4. Research for science education
Division of Chemistry, Department of Fundamental Biosciences		
	Professor	**FURUSHO Yoshio** 1. Development of medical materials based on supramolecular chemistry 2. Construction of soft materials utilizing formation of organic salt bridges driven by hydrogen bonding 3. Design and Synthesis of Functional Polymers
	Associate Professor	**MORI Yasuyuki** 1. Development of polymeric materials with biocompatibility 2. Development of functional adhesives 3. Synthesis of functional polymers using carbon dioxide
Division of Biology, Department of Fundamental Biosciences		
	Professor	**HIRATA Takako** 1. Molecular basis of immune cell trafficking 2. Control of lymphocyte migration to the skin and mucosa 3. Immune regulation by cytoskeleton-associated proteins
	Associate Professor	**SATOOKA Hiroki** 1. Immunometabolism and redox signaling in autoimmunity 2. The mechanism of CD8+ regulatory T cell differentiation and the application of CD8+ regulatory T cell for autoimmune disease 3. Non-lymphoid tissue-specific immune regulation
Division of Mathematics, Department of Fundamental Biosciences		
	Associate Professor	**KAWAKITA Motoko** 1. Algebraic curves with many rational points
Division of Philosophy and Ethics, Department of Culture and Medicine		
	Professor	**OKITA Taketoshi** 1. research on bioethics (clinical ethics, research ethics, public health ethics) 2. research on the concept of care and responsibility 3. research on ethical issues related to HIV infection and other infectious diseases
Division of Psychology, Department of Culture and Medicine		
	Associate Professor	**KOJIMA Takatsugu** 1. Spatial cognition and language understanding 2. Affective information processing 3. Non-verbal cognition
Division of English, Department of Culture and Medicine		
	Professor	**KATO Yutaka** 1. International comparative research on bioethics 2. Research on medical and nursing English education
Division of Cultural Anthropology, Department of Culture and Medicine		
	Professor	**KANESHIGE Tsutomu** 1. Anthropological studies on ethnic minorities of P.R.China 2. Anthropological studies on Fengshui 3. Anthropological studies on merit and merit-making
Division of Anatomy and Cell Biology, Department of Anatomy		
	Professor	**UDAGAWA Jun** 1. Analysis of the function of the brain phospholipid to the behavior 2. Analysis of the pathogenesis of nonalcoholic fatty liver disease related to in utero environment 3. Study on the relationship between hand structure and grasping function
	Special Contract Associate Professor	**UCHIMURA Yasuhiro** 1. Elucidation of the molecular mechanisms underpinning DOHaD (developmental origins of health and disease) hypothesis 2. Elucidation of the function of the genes involved in the onset of sarcopenia
Division of Neuroanatomy, Department of Anatomy		
	Professor	**KATSUYAMA Yu** 1. Analysis of brain morphogenesis 2. Analysis of mechanisms of maintenance and differentiation of the stem cells 3. Analysis of model animals of psychiatric diseases.
	Associate Professor	**KANEDA Hayato** 1. Stem cell aging and tissue homeostasis 2. Search for biomarkers of age-related diseases 3. Brain morphogenesis
Division of Integrative Physiology, Department of Physiology		
	Professor	**HITOSHI Seiji** 1. Analysis of the generation,maintenance,and differentiation of neural stem cells 2. Development of regenerative therapy strategy for the damaged central nervous system 3. Understanding the pathogenesis of psychiatry diseases

Appendix 2 (As of July 2025)

Department	Title	Name/Study Themes
Division of Systems Physiology, Department of Physiology		
	Professor	**OGAWA Masaaki** 1. Neural circuit mechanisms underlying motivation, decision-making, and attention 2. Computational algorithms of neural activities related to motivation, decision-making and attention 3. Translational research that contributes to the understanding, diagnosis, and treatment of psychiatric disorders with impaired
Division of Molecular Physiological Chemistry, Department of Biochemistry and Molecular Biology		
	Professor	**AGATA Yasutoshi** 1. Epigenetic regulation of gene expression and cancer development 2. Regulation of gene expression and cancer development by chromosome dynamics 3. Regeneration of cancer specific T cells from iPS cells
	Associate Professor	**ITO Koyu** 1.Establishment of cancer-specific T cell therapy 2.Analysis of the function of lymph node stromal cells in cancer progression 3.Control of immune cell function via cell adhesion molecules
Division of Molecular Medical Biochemistry, Department of Biochemistry and Molecular Biology		
	Professor	**OGITA Hisakazu** 1. Signal transduction reseach and genetic analysis in the field of cancer biology and cardiovascular diseases 2. Molecular mechanism of cell adhesion
	Associate Professor	**SATO Akira** 1. Signal transduction and cell-cell communication in cancer and inflammatory diseases 2. Adult diseases triggered by aberrant regulation of Wnt signaling
Division of Human Pathology, Department of Pathology		
	Associate Professor	**NAKAYAMA Takahisa** 1. Study on the progression potential of non-invasive cancer of gastrointestinal tract 2. Research on antitumor therapy based on synthetic lethality
Division of Pathogenesis and Disease Regulation, Department of Pathology		
	Professor	**ITOH Yasushi** 1. Development of vaccines and therapeutic agents against influenza virus 2. Research on genetic diseases and aging using a non-human primate model 3. Analysis of immune responses using cynomolgus macaques
	Associate Professor	**ISHIGAKI Hirohito** 1. Immunology with using a primate model especially for tumor, transplantation, and infectious disease
Division of Microbiology and Infectious Diseases, Department of Pathology		
	Associate Professor	**TAMBE Yukihiro** 1. Physiological function(s) of cancer-related genes. 2. Search for novel anti-tumor compounds.
Department of Pharmacology		
	Professor	**NISHI Eiichiro** 1. Molecular mechanism and pathophysiological role of ectodomain shedding 2. Regulatory role of transcriptional coregulator in metabolism 3. Role of metallopeptidases in cardiovascular disease, cancer and inflammatory diseases
	Associate Professor	**OHNO Mikiko** 1. Molecular mechanism and pathophysiological roles of heart rate control by the multifunctional protease 2. Usefulness of the novel biomarker for the early detection of ACS 3. Regulatory role of protease in megakaryocyte maturation and platelet production 4. Role of metalloprotease in Alzheimer's disease
Division of Occupational and Environmental Health, Department of Social Medicine		
	Special Contract Associate Professor	**KITAHARA Teruyo** 1. Prevention of Work-related Musculoskeletal Disorders 2. Health and Safety of Persons with Disabilities (Prevention of secondary disorders) 3. Support for Balancing Treatment and Work 4. Social Barriers and Health of People with Disabilities or Information Vulnerable Populations
Division of Legal Medicine, Department of Social Medicine		
	Professor	**HITOSUGI Masahito** 1. Amalysis of traffic injuries 2. Pathophysiological analysis for sudden death cases due to thrombosis 3. Preventive medicine for deaths of external causes
	Associate Professor	**NAKAMURA Mami** 1. Forensic Toxicology, clinical toxicology, physiology of abuse drugs 2. Virtopsy, postmortem computed tomography 3. Out-of-hospital death by infectious disease including COVID-19
Division of Cardiovascular Medicine, Department of Internal Medicine		
	Professor	**NAKAGAWA Yoshihisa** 1. Coronary reconstruction in ischemic heart disease 2. Primary and secondary prevention for atherosclerosis 3. Optimal antithrombotic therapy
	Associate Professor	**OZAWA Tomoya** 1. Clinical researches on cardiac electrophysiology 2. Development of novel arrhythmia treatment 3. In silico studies on cardiac electrophysiology
	Associate Professor	**SAKAI Hiroshi** 1. Elucidation of the pathophysiology of heart failure 2. Research on diagnosis and treatment of pulmonary hypertension 3. Research on diagnosis and treatment of cardiac amyloidosis

Appendix 2 (As of July 2025)

Department	Title	Name/Study Themes
Division of Respiratory Medicine, Department of Internal Medicine		
	Professor	**NAKANO Yasutaka** 1. Structure and function relationship of the lung 2. Structure and function relationship of respiratory diseases
	Associate Professor	**YAMAGUCHI Masafumi** 1. Research on the pathophysiology of severe asthma 2. Study on the pathophysiology and treatment of chronic intractable cough
	Associate Professor	**KINOSE Daisuke** 1. Research on body composition of COPD 2. Research on lung structure and function in COPD 3. Research on the gut microflora of COPD
Division of Gastroenterology, Department of Internal Medicine		
	Professor	**IWASHITA Takuji** 1.Endoscopic management of pancreatobiliary diseases 2.Chemotherapy for pancreatobiliary malignancy 3.Nutritional management during chemotherapy for pancreatobiliary malignancy
	Associate Professor	**INATOMI Osamu** 1. Pancreatic fibrosis in pancreatic cancer and chronic pancreatitis 2. New development of endoscopic device in ERCP
	Associate Professor	**NISHIDA Atsushi** 1. Mechanism of immune response after hematopoietic stem cell 2. The gut microbiota in inflammatory bowel disease 3. Cytokine network in inflammatory bowel diesase
Division of Hematology, Department of Internal Medicine		
	Professor	**MURATA Makoto** 1. Mechanism of immune response after hematopoietic stem cell transplantation 2. Prognostic factor for hematological diseases 3. Development of novel cellular therapy
Division of Diabetology, Endocrinology and Nephrology, Department of Internal Medicine		
	Professor	**KUME Shinji** 1. Pathogenesis of diabetic nephropathy 2. Pathogenesis of chronic kidney disease 3. Renal energy metabolism
Division of Neurology, Department of Internal Medicine		
	Professor	**URUSHITANI Makoto** 1. Molecular targeted therapy for amyotrophic lateral sclerosis 2. Cell biological analysis of neurodegenerative diseases 3. Noninvasive diagnosis of neurological diseases 4. Molecular pathology of cerebrovascular diseases 5. Functional brain image analysis of Nerve rehabilitation
	Associate Professor	**TERASHIMA Tomoya** 1. Engineering the novel molecular therapies with cell and tissue specific targeting 2. Application to the regenerative therapies with reprograming of bone marrow-derived cells 3. Analysis of the relation between bone marrow-derived cells and neurological diseases
	Associate Professor	**YAMAKAWA Isamu** 1. Electrodiagnosis in clinical neurology 2. Neurorehabilitation and Brain functional image
	Associate Professor	**OGAWA Nobuhiro** 1.Research on risk factors associated with progression and deterioration in acute ischemic stroke. 2.Research on optimal treatment strategies for acute ischemic stroke caused by cerebral artery dissection. 3.Development of novel treatments for neuropathic pain using a mouse model.
Department of Pediatrics		
	Professor	**MARUO Yoshihiro** 1. Molecular genetic analysis of hereditary unconjugated hyperbilirubinemia 2. Polymorphism of UDP-glucuronyltransferase and drug metabolism 3. Genetic analysis of congenital hypothyroidism
	Associate Professor	**YANAGI Takahide** 1. Genetic back ground of prolonged hyperbilirubinemia in preterm infants 2. Genetic back ground of bilirubin encephalopathy in preterm infants
Department of Psychiatry		
	Professor	**OZEKI Yuji** 1. Etiology and pathophysiology of schizophrenia 2. Cardiovascular adverse effect by psychotropics
	Special Contract Professor	**KADOTANI Hiroshi** 1. Clinical research on sleep disorders 2. Epidemiological research on sleep and mental health 3. Development and evaluation of wearable devices to analyze sleep

Appendix 2 (As of July 2025)

Department	Title	Name/Study Themes
	Associate Professor	**FUJII Kumiko** 1. Etiology and pathophysiology of schizophrenia. 2. Mental illness with involuntary movemen. 3. Clinical studies of pregnant women with mental illness
Department of Dermatology		
	Professor	**FUJIMOTO Noriki** 1. Analysis of regulatory B cells on autoimmune diseases 2. Investigation for the treatment of cutaneous mailgnant tumors 3. Gene editing for treatment of epidermolysis bullosa
	Associate Professor	**ARAKAWA Akiko** 1. T-cell Mediated Autoimmune Pathomechanism in Alopecia Areata and Psoriasis 2. Effect of T-cell receptor-Antigen interaction on T-cell differentiation 3. T-cell Mediated Tumor Immunity in Melanoma and Angiosarcoma
	Associate Professor	**TAKAHASHI Toshifumi** 1. Research for diagnosis and treatment of allergic skin diseases 2. Research for detecting the genomes of pathogens in infectious skin diseases
Division of Gastrointestinal Surgery, Department of Surgery		
	Professor	**TANI Masaji** 1. Clinical study for the prevention of post operative complications in pancreatectomy 2. Development of immunotherapies for gastrointestinal diseases 3. Study of the pancreatic function 4. Evaluation of mechanisms for the metastasis 5. Study of the intervention for surgical skill 6. Interaction between cancer cells and fibroblasts
	Associate Professor	**MIYAKE Tohru** 1. Study for Cancer fibrosis. 2. Study for Cancer metastasis. 3. Study for peri operatire management in Colorectal Surgery.
	Associate Professor	**KAIDA Sachiko** 1. Study on nutritional status after gastric cancer surgery 2. Research on the usefulness and safety of robot-assisted gastrectomy 3. Research on automatic recognition of the stomach and surrounding blood vesselsusing artificial intelligence (AI)
Division of Cardiovascular Surgery, Department of Surgery		
	Professor	**SUZUKI Tomoaki** 1. Long term outcome of total arterial off-pump CABG 2. The outcome of total arch replacement under mild hypothermia 3. Technical aspect or long-term durability of mitral valve repair 4. Type A aortic surgery: optimal procedure or long-term remodeling
	Associate Professor	**TAKASHIMA Noriyuki** 1. Study of long-term outcome of thoracic aortic aneurysm 2. Surgical examination and long-term prognosis study for acute aortic dissection 3. Examination of arterial wall extensibility and clinical application 4. Study of surgical procedure and long-term outcome of aortic stenosis
Division of Thoracic Surgery, Department of Surgery		
	Associate Professor	**HANAOKA Jun** 1. Minimally invasive surgery with VATS for chest diseases 2. A study of the operation method for lung cancer 3. da Vinch® robotic surgery in general thoracic surgery 4. A study of the identification technique of the interlobar/intersegmental plane 5. Evaluation of pulmonary function before and after lay resection using dynamic X-ray apparatus
	Associate Professor	**KAWAGUCHI Yo** 1.The mechanism to induce lung cancer sarcopenia 2.Surgical stress promotes postoperative lung cancer recurrence via immune response 3.Development of immunological perioperative treatment for lung cancer
Department of Orthopedic Surgery		
	Professor	**IMAI Shinji** 1. Improvement of clinical output in arthroscopic shoulder surgery 2. Improvement of clinical output in shoulder arthroplasty 3. Regenerative medicine for injures of articular cartilage and spinal cord
	Associate Professor	**YAYAMA Takafumi** 1. Research for ossification process in patients with ossification of spiual ligament 2. Pathological analysis for hypertrophy of ligament tissue
	Associate Professor	**ANDO Kosei** 1.Molecular mechanisms of pulmonary metastasis in osteosarcoma 2.Surgical treatment and long-term prognosis in patients with musculoskeletal sarcomas 3.Post-operative motor function analysis in patients with musculoskeletal tumors
	Special Contract Associate Professor	**KUMAGAI Kosuke** 1. Development of joint degenerative disease diagnostic method and suppressive therapy by comprehensive analysis of cell membrane 2. A comparative study of drug use during the acquisition of low disease activity in rheumatoid arthritis patients 3. Correlation between TKA postoperative satisfaction and patient-based outcome in RA patients

Appendix 2 (As of July 2025)

Department	Title	Name/Study Themes
Department of Neurosurgery		
	Professor	**YOSHIDA Kazumichi** 1. Molecular pathophysiology and non-invasive diagnostic imaging of atherosclerosis 2. Molecular pathophysiology and non-invasive diagnostic imaging of cerebral aneurysm 3. Development of a novel surgical treatment for cerebrovascular diseases 4. Epidemiology of cerebrovascular disease
	Associate Professor	**FUKAMI Tadateru** 1. Research for the multidisciplinary treatment for glioma 2. Research for the safety and the risk of awake surgery 3. Research for the therapeutic indications about neuroendoscopic surgery
	Associate Professor	**NITTA Naoki** 1. Pathophysiology and treatment of mesial temporal lobe epilepsy 2. Analysis of neurophysiological examination 3. Pathophysiology and treatment of brain tumors
Department of Otorhinolaryngology-Head and Neck Surgery		
	Professor	—
	Associate Professor	**OWAKI Shigehiro** 1. Diagnosis and treatment of voice disorder 2. Diagnosis and treatment of headandneck cancer
	Associate Professor	**TOJIMA Ichiro** 1. Study of eosinophilic inflammation in upper airway 2. The pathophysiological research in allergic rhinitis 3. Mucus production and its regulation in airway epithelium
Female Pelvic Surgery and Reproductive Medicine, Department of Obstetrics and Gynecology		
	Professor	—
	Associate Professor	**AMANO Tsukuru** 1. Robotic-Assisted Surgery for Gynecological Tumors 2. Elucidation of resistance to treatment of gynecological tumors using organoids 3. Mechanism of carcinogenesis of endometriosis
Maternal and Fetal Medicine, Department of Obstetrics and Gynecology		
	Associate Professor	**TSUJI Shunichiro** 1. Elucidation of pathophysiology and development of treatment and prevention methods for cesarean scar syndrome 2. Elucidation of the pathogenesis and development of treatments for perinatal brain disorders 3. Diagnosis and treatment of cesarean scar syndrome 4. The role of resident microglia to neonatal hypoxic ischemic encephalopathy
	Associate Professor	**TAKAHASHI Akimasa** 1. Study on the association between ovarian cancer stem cells and resistance to treatment 2. Investigation of minimally invasive surgery for gynaecological surgery 3. Microimmune environment analysis of gynaecological cancers
Department of Urology		
	Professor	**KAGEYAMA Susumu** 1. Clinical research in robotic and laparoscopic surgery 2. Development of new anti-cancer drugs for urologic malignancy 3. Proteomics research in urologic oncology
	Associate Professor	**JOHNIN Kazuyoshi** 1. Surgery in pediatric urology (Reseach for plastic and laparoscopic surgery) 2. Reserch for voiding dysfunction in children 3. Application of MRI imaging in pediatric urology
	Associate Professor	**YOSHIDA Tetsuya** 1. Clinical research in urological robotic surgery 2. Clinical research of nephron-sparing surgery for renal tumors 3. Study of systemic therapy for advanced renal cancer
	Associate Professor	**YAMANAKA Kazuaki** 1. Complement control in kidney transplant rejection 2. Control of donor-specific antibodies in kidney transplantation 3. Analysis of factors associated with renal fibrosis in chronic antibody-mediated rejection after kidney transplantation
Department of Ophthalmology		
	Professor	**SAWADA Osamu** 1. Pharmacokinetics of intravitreal agents 2. Treatment for diabetic macular edema
	Associate Professor	**OBATA Shumpei** 1. Treatment Prediction Model for Retinopathy of Prematurity Using Artificial Intelligence 2. Pathophysiology of Retinopathy of Prematurity 3. Pharmacokinetics of intravitreal agents in macaque monkeys
Department of Anesthesiology		
	Professor	**KITAGAWA Hirotoshi** 1. Multimodal in vivo monitoring of ischemia reperfusion injury 2. Cardioprotection by anesthetic agents and opioids
	Associate Professor	**KOJIMA Akiko** 1. Elucidation of molecular basis for the mechanisms underlying cardioprotective effect of anesthetics, focused on Ca2+ transport 2. Investigation of modulatory effects of anesthetics on cardiac pacemaker function 3. Electrophysiological and molecular biological analyses for the interaction between anesthetics and ion channels 4. Investigation of modulatory effects of anesthetics on ionic mechanisms involved in arrhythmogenesis

Appendix 2 (As of July 2025)

Department	Title	Name/Study Themes
	Associate Professor	**IWASHITA Narihito** 1. Elucidating the brain mechanisms of pain using functional brain imaging 2. Multidisciplinary treatment for chronic pain 3. Development of minimally invasive treatment using pulse radiofrequency method
	Associate Professor	**NAKANISHI Miho** 1. Elucidation of the intracerebral mechanism of chronic pain using brain MRI for small animals (basic research) 2. Elucidation of the analgesic mechanism of Japanese herbal medicine (basic research) 3. Pathological evaluation and treatment effects of multidisciplinary treatment, drug therapy, in chronic pain patients (Clinical research) 4. Optimal conditions and long-term prognosis of peripheral nerve block using pulsed radiofrequency (Clinical research)
Department of Radiology		
	Professor	**WATANABE Yoshiyuki** 1. Study for pathophysiology of central nerves system disease and functional imaging using MRI and CT 2. Artificial intelligence for medical imaging. 3. Human fluid flow imaging using MRI.
	Associate Professor	**SONODA Akinaga** 1. Difference in tracheal diameter changes during deep breathing in a supine position between restrictive ventilator impairment 2. Difference in the pixel value change of lung field during deep breathing between restrictive ventilator impairment patients, 3. The effect of botulinum toxin A injection into the perirenal arterial space to treat hypertension
	Associate Professor	**KONO Naoaki** 1. Clinical research on radiation therapy for localized prostate cancer 2. A retrospective study of the safety and efficacy of multi-targeted stereotactic radiation for metastatic brain tumors
	Associate Professor	**KITAHARA Hitoshi** 1. Research on improving the image quality of ultra-high-resolution CT of the lungs using artificial intelligence 2. Efforts to improve the accuracy of diagnostic imaging in the musculoskeletal radiology 3. Efforts to improve the accuracy of diagnostic imaging in the pediatric radiology 4. Efforts to improve the accuracy of diagnostic imaging in the neuroradiology
	Associate Professor	**NAGATANI Yukihiro** 1. Regional and global analysis of airways, chest walls, peripheral lung parenchyma and pulmonary arteries using dynamic ventilation computed tomography for cases with interstitial lung disease 2. Evaluation of detectability of early-stated pulmonary hypertension on ultra-high-resolution computed tomography 3. Improvement in the diagnostic ability of lung peripheral lesions on ultra-high-resolution computed tomography by deep-learning-based algorithm
Department of Oral and Maxillofacial Surgery		
	Professor	**TAKAOKA Kazuki** 1. Effect of senescence-associated secretory phenotype（SASP）on bone microenvironment 2. Animal models of medication-related osteonecrosis of the jaw 3. The occlusal rehabilitation using jaw reconstruction and dental implants
	Associate Professor	**YAMORI Masashi** 1. Oral Cancer 2. Jaw Defomities and Cleft Palate 3. Anti-resorptive Agents-related Osteonecrosis of theJaw 4. Obstructive Sleep Apnea Syndrome 5. Periodontal Disease 6. Dental Implant
	Associate Professor	**KOSHINUMA Shinya** 1. Elucidation of the mechanism of exposed bone wound healing and development of new tissue regeneration and repair materials 2. Comprehensive analysis of oral flora 3. Elucidation of the relationship between maxillofacial morphology and sleep apnea syndrome and various diseases
Department of Clinical Laboratory Medicine		
	Associate Professor	**CHANO Tokuhiro** 1. Clinical application of genetic medicine 2. Analyzing the biological function RBICCI/FIP200 3. Inventing novel strategies for cancer treatment,applied with novel biomarkers 4. Drug development from targeting RAB39A
Diagnostic Pathology		
	Associate Professor	**MORITANI Suzuko** 1. Diagnostic pathology 2. Pathology of the breast and gynecological organs
Department of Critical and Intensive Care Medicine		
	Professor	**SHIOMI Naoto** 1. Study on multimodal treatment of severe head injury 2. Clinical research on brain death and resuscitation 3. Construction of pre-hospital emergency medical care system 4. End of life care in the Emergency medical field
	Associate Professor	**TSUJITA Yasuyuki** 1. Study of cardiac dysfunction and arrhythmia under excessive stress 2. Study of septic organ dysfunction 3. Epidemiological study of cardiovascular shock
	Associate Professor	**FUJINO Kazunori** 1. Elucidation of the mechanism of multi-organ failure during invasion

Appendix 2 (As of July 2025)

Department	Title	Name/Study Themes
Department of General Medicine		
	Special Contract Professor	**TSUJI Yoshihisa** 1. Research on the Role and Scope of General Practitioners 2. Research on the Diagnosis and Economic Impact of Acute Diseases 3. Research on the Development of Educational Methods in Medical Training
	Associate Professor	**IDA Hiroshi** 1. Advancing medical education through remote educational conferences 2. Multimodal therapeutic strategies for hepatocellular carcinoma 3. Antiviral therapeutics for the management of viral hepatitis
Department of Medical Oncology		
	Professor	**DAIGO Yataro** 1. Isolation and functional analysis of cancer-related genes 2. Elucidation of molecular pathology of cancer by genomics and proteomics analysis 3. Development of molecular targted drugs (small compounds, antibody, nucleic acid medicine) 4. Development of cancer peptide vaccines and immune-regulating drugs and their translational research 5. Development of cancer biomarkers and diagnostic systems based on molecular pathology and their translational research towards 6. Activity of supporting research by establishing biobanking and using biospecimen
	Associate Professor	**MURATA Satoshi** 1. Analysis of mechanisms and development of treatment for metastasis after surgery for gastrointestinal cancer 2. Control over the perioperative tumor microenvironment in gastrointestinal cancers 3. Development of immune cell therapy for solid cancers
Department of Comprehensive Internal Medicine		
	Professor	**SUGIMOTO Toshiro** 1. Medical diagnosis Avoiding diagnostic errors 2. Rural medicine 3. Clinical electrolyte acid-base abnormalities electrolyte; acid-base abnormalities 4. Development of continuing professional development using ICT
	Associate Professor	**OHNISHI Masato** 1. Pathophysiology and therapy of chronic heart failure 2. Diagnosis and therapy of hypertension in primary care 3. Simulation-based instruction in healthcare professionals
	Associate Professor	**ITOH Akihiko** 1. Percutaneous endoscopic gastrostomy and management of that patient 2. Indication and complications of enteral nutrition 3. Nutritional support team management and multi-occupation collaboration
	Associate Professor	**MAENO Yasuhiro** 1. Development of effective regional cooperation for medical care of the diabetic patients 2. Development of effective educational techniques for the diabetic or pre-diabetic people
	Associate Professor	**WADA Hiroshi** 1. Research for the efficacy of regional cooperation in respiratory medicine examination 2. Clinical examination of obstructive pulmonary disease
Department of Comprehensive Surgery		
	Professor	**MEKATA Eiji** 1. Multimodality therapy for colorectal cancer 2. Development of the resin of the surgical instrument 3. Anticancer drug sensitivity test 4. Oncology (disease state, therapy and community cooperation)
	Associate Professor	**YAMAGUCHI Tsuyoshi** 1. Research on efficacy and safety of bariatric and metabolic surgery 2. Research on upper gastrointestinal surgery 3. Research on efficacy and safety of treatment of peptic ulcer
	Associate Professor	**AKABORI Hiroya** 1. Study of gastrointestinal surgical stress 2. Development of microwave surgical device 3. Clinical study of the operation method for pancreas
	Associate Professor	**KITAMURA Naomi** 1. Development of new endotoxin measurement method. 2. Postoperative analgesic effect for laparoscopic cholecystectomy.
Department of Plastic and Reconstructive Surgery		
	Special Contract Professor	**ARATA Jun** 1. Evaluation of percutaneous osteotomy for callus distraction 2. Research of monitoring for tissue transfer 3. Research of survival rate and number of vascular anastomosis for digital replantation
	Associate Professor	**OKANO Junko** 1. Establishment of a novel scaffold which leads to the regeneration of heterogenous tissues in deep wounds 2. Development of bacteriophage therapy for multi-antibiotic-resistant bacteria
Department of Pharmacotherapeutics		
	Professor	**MORITA Shin-ya** 1. Research on lipid transporters and lipid metabolism 2. Development of methods for measuring lipids 3. Study of personalized medicine
	Associate Professor	**IKEDA Yoshito** 1. Research on lipid transporters 2.Research on metal transporters

Appendix 2 (As of July 2025)

Department	Title	Name/Study Themes
Endoscopy		
	Associate Professor	**KIMURA Hidenori** 1. Development of minimally invasive treatment for gastrointestinal tumors 2. Research on observation methods to improve the detection rate of gastrointestinal tumors 3. Pathophysiological analysis in the development of gastrointestinal tumors focusing on the gut microbiota
Blood Purification		
	Associate Professor	**KANASAKI Masami** 1. Blood purification 2. Mechanism of development of diabetic nephropathy
Blood Transfusion and Cell Therapy Center		
	Associate Professor	**MINAMIGUCHI Hitoshi** 1. Phenotypic analysis of hematopoietic stem cell 2. Phenotypic analysis of leukemic stem cell
Clinical Nutrition		
	Associate Professor	**TAKEBAYASHI Katsushi** 1.Perioperative nutritional support for esophageal cancer surgery 2. The mechanism leading to postoperative recurrence of gastric and esophageal cancer 3. Multidisciplinary treatment strategy for esophageal cancer
Medical Informatics and Biomedical Engineering		
	Associate Professor	**SUGIMOTO Yoshihisa** 1. Medical electronics 2. Medical information system 3. Biomedical engineering for cardiology
Medical Safety Section		
	Professor	**SHIMIZU Tomoharu** 1. Study of surgical stress 2. Development of new endotoxin measurement method 3. Studies of treatment for colorectal cancer and inflammatory bowel diseases
	Associate Professor	**MANDAI Ryoichi** 1. In-hospital emergency system
Center for Clinical Research and Advanced Medicine		
	Professor	**KASAMA Shu** 1. Healthcare management 2. Medical sociology 3. Pathophysiology using nuclear cardiology
	Associate Professor	**KURATA Mayumi** 1. A Recognition Investigation about Living Donor Transplantation: Analysis of the free description answer of the citizen by the Internet 2. Construction of the study entry applicant support system which utilized the Internet 3. Critical Review of Priority Relative-Offers in Revision of Organ Transplant Law
Clinical Education Center for Physicians		
	Professor	**KAWASAKI Taku** 1. Hip and knee arthroplasty 2. Epidemillogy of rheuamatoid arthritis 3. Locomotive rehabilitation
	Special Contract Associate Professor	**YAMAHARA Mako** 1. Podocyte injury in diabetic kidney disease 2. Mechanism of progression of chronic kidney disease
Department of Molecular Neuropathology, Molecular Neuroscience Research Center		
	Professor	**MIYATAKE Satoko** 1. Development of polymeric materials with biocompatibility 2. Development of functional adhesives 3. Synthesis of functional polymers using carbon dioxide
Translational Research Unit, Molecular Neuroscience Research Center		
	Professor	**ISHIGAKI Shinsuke** 1. Study of the pathogenesis involved in neurodegenerative disorders and dementia 2. Therapeutics development for neurodegenerative disorders and dementia by antisense modulation 3. Development for novel biomarkers for neurodegenerative disorders
	Associate Professor	**YANAGISAWA Daijiro** 1. Elucidation of Alzheimer's disease pathology for discovering novel therapeutic targets 2. Development of diagnostic biomarkers for dementia at very early stage 3. Research on the pathology, diagnosis, and disease-modifying therapy of neurodegenerative diseases
Research Center for Animal Life Science		
	Professor	**EMA Masatsugu** 1. The research about primate ES/iPS cells 2. The research about the development of method to create genetically modified monkeys and its application to human disease 3. The research about primate early embryonic and placental development 4. Molecular mechanism about angiogenesis
	Associate Professor	**MORIMURA Toshifumi** 1. Therapeutic research of anti-ER stress drugs identified by a novel luminous probe 2. Analysis of cellular pathology of sporadic amyotrophic lateral sclerosis focusing on translation products whose mRNAs are 3. Early diagnosis and therapeutic research of Alzheimer's disease by using transgenic cynomolgus monkeys bearing amyloid-beta
	Special Contract Associate Professor	**TSUKIYAMA Tomoyuki** 1. Establishment of high-quality primate ES / iPS cells 2. Establishment of next-generation gene editing technology platform in primates

Appendix 2 (As of July 2025)

Department	Title	Name/Study Themes
Pioneering Research Division, Medical Innovation Research Center		
	Special Contract Associate Professor	**HASHIMOTO Shoko** 1. Elucidation of pathological mechanism of Alzheimer's disease using mouse models 2. Analysis of the effect of oxidative stress on brain homeostasis
Pioneering Research Division, Medical Innovation Research Center		
	Special Contract Professor	**WAN ZURINAH WAN NGAH** 1. Research theme includes mechanisms in ageing and neurodegenerative diseases such as Alzheimer's Disease and modulation by 2. Modulation of the gut microbiome and metabolome and correlation with cognitive function by tocotrienol in an APP/PS1 AD mouse 3. Tocotrienol isomers effects on differentiated APP Swedish/PS1 transfected SH-SY5Y cells 4. Systems integration of the transcriptome, proteome and metabolome of the hippocampus of AD APP/PS1 mice treated with
Advanced Medical Research and Development Division, Medical Innovation Research Center		
	Special Contract Associate Professor	**YAMADA Atsushi** 1. Bending mechanisms for medical devices 2. Flexible medical devices 3. Flexible robot mechanisms 4. Image guided surgeries
Central Research Laboratory		
	Associate Professor	**ASAHINA Kinji** 1. Elucidating the mechanism of the activation of hepatic stellate cells in liver fibrosis 2. Interaction of peritoneal macrophages and mesothelial cells covering the internal organs in the peritoneal cavity 3. Role of macrophages in pancreatic cancer
Health Administration Center		
	Associate Professor	**OGAWA Emiko** 1. Research on the pathogenesis of chronic obstructive pulmonary disease (COPD) 2. Clinical research using COPD cohort data
Information Technology and Management Center		
	Professor	**ASHIHARA Takashi** 1. Development of new strategy of catheter ablation for refractory arrhythmias 2. Studies on the mechanism of electrical defibrillation and the development of new defibrillator 3. Application of human iPS cell-derived cardiomyocytes to the studies on cardiovascular diseases 4. Studies on cardiovascular diseases by in silico, artificial intelligence, and biomedical engineering
	Associate Professor	**MOTOYAMA Kazutaka** 1. studies on star formation process 2. studies on evolution of interstellar medium 3. high performance computing
Education Center for Medicine and Nursing		
	Professor	**ITOH Toshiyuki** 1. Medical education
	Professor	**MUKAISHO Kenichi** 1. Gastric and esophageal carcinogenesis using various animal models 2. Influence of bile acids on carcinogenesis and cancer progression 3. Morphology of cancer cells using a novel 3D cell culture system
Division of Preventive Medicine, NCD Epidemiology Research Center		
	Professor	**MIURA Katsuyuki** 1. Epidemiologic research of cardiovascular diseases 2. Preventive medicine of cardiovascular diseases 3. Nutritional epidemiology
	Associate Professor	**KADOTA Aya** 1. Epidemiology of Diabetes mellitus and NCDs 2. Epidemiology of Cardiovascular disease and subclinical atherosclerosis 3. MWAS on Dementia
Division of Advanced Epidemiology, NCD Epidemiology Research Center		
	Professor	—
Division of Medical Statistics, NCD Epidemiology Research Center		
	Associate Professor	**HARADA Akiko** 1. Statistical methods for epidemiologic researches 2. Statistical methods for health services research 3. Epidemiologic research of physical activity and aging
Community Healthcare Education and Research Center		
	Associate Professor	**UMEDA Tomoko** 1. Fibrinolysis factors (uPA etc.) and adhesion factors (CD44 variant etc.) related to the breast cancer invasion and the metastasis 2. MRI mapping for the intraductal area of breast cancer 3. Tumor infiltrating cells around of the breast cancer, related to the trastuzumab after neoadjuvant chemotherapy
	Associate Professor	**KAWAI Hiromichi** (Now writing)

Appendix 2 (As of July 2025)

Department	Title	Name/Study Themes
IR Office		
	Associate Professor	**SAWAI Toshihiro** 1. Study on diagnosis and treatment of the atypical hemolytic uremic syndrome 2. Elucidation of the disease mechanism of C3 glomerulopathy 3. Research on factors involved in complement dysregulation
Research Strategy Promotion Office, Research Administration Office		
	Special Contract Associate Professor	**HAYAKAWA Koichi** 1. Research for regulatory mechanism of smooth muscle contraction. 2. Drug discovery research for GPCR. 3. Research for intellectual property management in university
Department of Therapeutics for Protein Misfolding Diseases（Joint Research Department）		
	Special Contract Associate Professor	**HIKIAMI Ryota** 1. Development of treatments for amyotrophic lateral sclerosis (ALS) associated with FUS gene mutations 2. Establishment of a mouse model for ALS associated with FUS gene mutations 3. Elucidation of the pathophysiology of sporadic ALS

Contact for Admission Selection, etc.

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