

2024 2025

AY2024 2025 Graduate School of Biomedical and Health Sciences (Course)

Division of Integrated Health Sciences

Student Application Guidelines

2024 4

April 2024 Hiroshima University

All dates and times mentioned are Japan Standard Time.



Admission Policy

The Graduate School of Biomedical and Health Sciences seeks the following students with necessary basic academic ability, based on its diploma policy and curriculum policy:

1

Those who sympathize with the philosophy of Hiroshima University, and who are willing to contribute to building a global community that embraces diversity, freedom and peace by challenging problems that human society is facing or may face in the future utilizing their culture, prominent knowledge and highly skills in health sciences, and ability to take action

2

+ ision, prominent knowledge and research skills in health sciences, and who are willing to contribute to local and global communities by returning fruitful outcome from their study

3

Program of Medicinal Sciences

Based on its diploma policy and curriculum policy, the Program of Medicinal Sciences seeks the following students:

- 1 / Those who are willing to acquire basic knowledge widely in drug discovery / life sciences research
- 2 / Those who are willing to play an active part in fields of research / development of the innovative drug discovery company
- 3 / Those who are willing to play an active part internationally in the field of medicinal sciences

In order to admit such individuals, the program selects applicants through a multifaceted and comprehensive evaluation process based on its own Diploma Policy and Curriculum Policy, using interviews, academic tests, and external examinations.

Program of Public Health

Based on its diploma policy and curriculum policy, the Program of Public Sciences seeks the following students:

- 1 EBM: Evidence-Based Medicine
Those who are willing to play an active part as a medical professional or a public health administrator with ability to implement EBM (evidence-based medicine)
- 2
Those who are willing to acquire specialized knowledge and skills in research method and evaluation, and to be engaged in solving problems in the fields of clinical practice, health, and medical administration

In order to admit such individuals, the program selects applicants through a multifaceted and comprehensive evaluation process based on its own Diploma Policy and Curriculum Policy, using interviews, academic tests, and external examinations.

Program of Medical Physicist

Based on its diploma policy and curriculum policy, the Program of Medical Physicist seeks the following students:

- 1 / Those who are willing to acquire broad knowledge in medical physics
- 2 / Those who are willing to be engaged in basic and clinical research in medical physics
- 3
Those who are willing to acquire specialized knowledge of medical physics, and to be engaged in professional operations, such as prevention of radiation disaster, and quality control of radiation equipment
- 4 / Those who are willing to become medical physicists

In order to admit such individuals, the program selects applicants through a multifaceted and comprehensive evaluation process based on its own Diploma Policy and Curriculum Policy, using interviews, academic tests, and external examinations.

Program of Biomedical Science

Based on its diploma policy and curriculum policy, the Program of Biomedical Science seeks the following students:

1

Those who are willing to acquire broad knowledge in life and medical sciences, medicine, and dentistry

2

Those who are willing to be engaged in basic/applied researches in life and medical sciences, medicine, and dentistry

3

Those who are willing to promote basic medicine and dentistry research at institutions of education and research

4

Those who are willing to be engaged in research/development or medical operations in companies engaged in biotechnology, medical services and other medical businesses

5

Those who are willing to be engaged in medical operations as a research-oriented medical professional in a medical institution

In order to admit such individuals, the program selects applicants through a multifaceted and comprehensive evaluation process based on its own Diploma Policy and Curriculum Policy, using interviews, academic tests, and external examinations.

Graduate School of Biomedical and Health Sciences, Hiroshima University, -seeking applicants (Division of Integrated Health Sciences) for October 2024 and April 2025 enrollment (**for Program of Health Sciences (the fields of health sciences), only April 2025 enrollment**) in the following programs.

Admission Selection and Number of Students

Admission Selections	Programs					
	Program of Health Sciences		Program of Medicinal Sciences	Program of Public Health	Program of Medical Physicist	Program of Biomedical Science
	The fields of health sciences	The fields of oral health sciences				
General Selection						
Special Selection for Students with Careers Candidates who are employed at the time of application						
Special Selection for Senior Citizens 55 Candidates who are aged 55 or older at the time of admission						
Special Selection for Different Fields Students field of study the applicants apply for						
Special Selection for International Students Candidates without Japanese citizenship (excluding those who graduated or are expected to graduate from a university or college in Japan)						
Number of Students	10 Enrollment in October		Several students	Several students	Several students	Several students
	4 Enrollment in April	44 /students	18 /students	5 /students	2 /students	5 /students
	total	74 /students				

The prescribed number of applicants is set by Division of Integrated Health Sciences. A number in the parentheses is a standard set by each program.

Applicants must consult with a prospective academic supervisor before application

If you apply without the informal consent of your academic advisor, you are not eligible to take the examination.

Eligibility for Application

- (1) Those who graduated from a university or college
- (2) 22 26 104 7 and University Evaluation in accordance with the provision in Paragraph 7 of Article 104 of the School Education Law (No. 26 of
- (3) 0836(' (16

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Those who are expected to obtain one of the qualifications described above by September 30, 2024 for the October enrollment or March 31, 2025 for the April enrollment.

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Applicants can download and use the prescribed form on the Hiroshima University website (<https://www.hiroshima-u.ac.jp/bhs>).

If, due to name change, etc., your current name is different from the name shown on the document you are providing, attach a copy of an official document issued by a public institution, such as a copy of your family register.

	Documents	Contents
	Application Form for the Preliminary Evaluation of the Entrance Examination	Please fill in the prescribed form.
	Certificate of Past Research Activity	Please fill in the prescribed form.
	Summary of Past Research and Clinical Activities etc.	Please fill in the prescribed form.
	List of Past Research Achievements	Please fill in the prescribed form.
	Future Research Goals	Please fill in the prescribed form.
	For foreign applicants only Copy of passport	1 Submit a copy of the page with your name, passport number, photo and expiration date.
	Certificate of Graduation, or Certificate of Expected Graduation	Must be issued by the dean or president of the university or college.
	A graduate or a current student of a university in China.	<p>毕业证书 证书 (历证书查询 http://www.chsi.com.cn/xlcx/bgys.jsp) Please obtain the following document by requesting it 历证书查询 (' 9 - - - . - (+ 毕业证书 硕 证书 ' . & (- ()</p> <p>*Graduates or current students from universities in other countries or regions <including Taiwan, Hong Kong and Macau> do not need to submit them.</p> <p>Web 20</p> <p>Please note that applicants must pay the issuing fee for the Online Verification Report (2 / certificate) by themselves. Also be sure that there are 20 or more days left until the expiration date of the online verification at the time of its submission.</p> <p>(历证书电 备)/ Online Verification Report of Higher Education Qualification Certificate (线验证报)/ Online Verification Report of Student Record</p>

1
*1: For international students, please enter your name as shown in your passport.

2
*2: If you submit more than two certificate, write the numbers corresponding to that indicated on Summary of Past Research and Clinical Activities etc. at the left top.

*3: If certificates and other documents to be submitted are written in a language other than Japanese or English, then Japanese or English translations must be attached. Translations may be prepared by applicants.

(2) Notification of evaluation result will be sent by e-mail on **Friday, June 28, 2024**.

(3) Any questions regarding application eligibility should be inquired to the Student Support Group listed. (S 3- '5) Postal Address for Submissions. (

Application Procedure
Application period

Item	Period
Data entry and application fee payment	From Friday, June 28, 2024 to 3:00 PM on Thursday, July 4, 2024, without exception
Submission of application documents which must be mailed	

9 3 (5)

*If an applicant brings the documents to be mailed in person, the Student Support Group will be open from 9:00 AM to 3:00 PM. The office will be closed on Saturdays, Sunday, and public holidays.

Procedure of Online Application

The Online Application Page is only accessible via the Entrance Examination Information Web Site of Hiroshima University.

<https://www.webshutsugan.com/hiroshima-u/portal/top/>

Hiroshima University - Online Application - Home

<https://www.webshutsugan.com/hiroshima-u-en/portal/top/>

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***For the Japanese Government Scholarship students+**

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edure. To receive the account, please

Postal Address for Submissions

734-8553

2 3

Student Support Group (Graduate Students), Graduate School of Biomedical and Health Sciences, Hiroshima University

1-2-3, Kasumi, Minami-Ku, Hiroshima, Japan (Zip 734-8553)

TEL: (082)257-1538 5051

E-mail: kasumi-gaku-g@office.hiroshima-u.ac.jp

Application documents to be mailed

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Applicants must submit all the documents listed below to (5) Postal Address for Submissions within the above stated Application Period .

If, due to name change, etc., your current name is different from the name shown on the document you are providing, attach a copy of an official document issued by a public institution, such as a copy of your family register.

Documents

Contents

D	<p>For foreign applicants only Copy of Certificate of Residence or Certificate of Items Stated in Resident Register in Japan</p>	<p>Foreign applicants who currently reside in Japan must submit the Copy of Certificate of Residence or the Certificate of Items Stated in Resident Register.</p> <p>*Submission is not required for those who are currently studying in our school.</p>
E	<p>For foreign applicants only Copy of passport</p>	<p style="text-align: right;">1</p> <p>Submit a copy of the page with your name, passport number, photo and expiration date.</p> <p>* It is not necessary to re-submit documents that have already been submitted during the preliminary evaluation for application eligibility.</p>
F	<p>Statement of motivation for application</p>	<p>Please fill in the prescribed form. (Access the Hiroshima University Graduate School of Biomedical and Health Sciences website and download the form.) 1500</p> <p>About 1 sheet of A4 paper-(include the field[s] of interest, ambition for research, future plan,etc. Applicants for Careers Student Selection can describe the relationship between their job experience and motivation for application. Foreign students can write in English.)</p>
G	<p>(P12)</p> <p>(P13)</p> <p>An original transcript of the External English language examinations that meets a score of A2 level or higher in The CEFR Comparison Table (P12) , or the standard of The English Language Proficiency Tests designated by the Graduate School of Biomedical and Health Science (P13)</p> <p>Please note that the submission documents will not be returned.</p>	<p style="text-align: center;">All Programs</p> <p style="text-align: right;">(P12) (P13)</p> <p>Be sure to submit an original transcript of _____ 1 _____ The CEFR Comparison Table (P12) + _____ The English Language Proficiency Tests designated by the Graduate School of Biomedical and Health Science (P13). If you are unable to submit this document, you will not be eligible to take the examination.</p> <p>Note _____ Transcripts from online home examinations cannot be utilized. _____</p> <p>Regardless of the specific expiration date set by the organization of each external English language examination, the original transcript which meet all the following requirements are valid. 1.External English language examinations which are conducted April 1,2022 or later 2.External English language examinations of which you can submit the original transcript by the deadline of the submission period</p> <p>Applicants who do not need to submit a transcript of an External English language examinations</p> <p style="text-align: center;">Applicable only to the following applicants in the Program of Public Health Program of Medical Physicist Program of Biomedical Science. Special Selection for Senior Citizens</p>

Applicable only to the following applicants in the Program of Health Science.
Special Selection for Senior Citizens

Those who are the fourth year students enrolled in the School of Medicine through the AO examination (Graduate school)

*** The applicants who apply for the Nurse Career Support Course and unable to submit any certificate are required to take a written examination of Foreign language (Nursing English).** If you are able to submit a transcript of an External English language examinations, you cannot apply for the

The CEFR Comparison Table

Type level		EIKEN test	(CBT Type Only)		(4skills)	(4skills)		(and) (Note3)
		Grade 1						
		Grade Pre-1						
		Grade 2						
		Grade Pre-2						

Note1) If you are unsure, please contact us.

[Redacted]

Note2) **Transcripts from online home examinations cannot be utilized.**

Note3) For TOEIC®, both L&R and S&W certificates are required. This score is determined by multiplying your S&W score by 2.5 and adding your L&R score

[Redacted]

[Redacted]

Note4) Regardless of the specific expiration date set by the organization of each external English language examination, the original transcript which meet all the following requirements are valid.

1.External English language exa

[Redacted]

The English Language Proficiency Tests designated by the Graduate School of Biomedical and Health Science

Division	Program		
Division of Integrated Health Sciences	Program of Health Sciences (the fields of health sciences)	over 400	over 400
	Program of Health Sciences (the fields of oral health sciences)	over 400	over 400
	Program of Medicinal Sciences	over 500	over 500
	Program of Public Health	over 400	over 400
	Program of Medical Physicist	over 500	over 500
	Program of Biomedical Science	over 400	over 400

Note1) If you are unsure, please contact us.

[Redacted]

Note2) **Transcripts from online home examinations cannot be utilized.**

[Redacted]

[Redacted]

Note3) Regardless of the specific expiration date set by the organization of each external English language examination, the original transcript which meet all the following requirements are valid.

1.External English language examinations which are conducted April 1,2022 or later

2.External English language examinations of which you can submit the original transcript by the deadline of the submission period

Other

The certificates to be submitted must be the originals or certified photocopies. Uncertified copies will not be recognized as official certificates. However, e-mail submissions are accepted as long as the documents are later replaced by official certificates.

Any forgery or falsification of the documents and/or academic fraud will result in cancellation of acceptance even after passing the entrance examination or being accepted for admission to the Graduate School, Hiroshima University.

If applicants cannot graduate from their current university before the admission date, they will not be admitted to the Graduate School, Hiroshima University.

B C

Applicants who are unable to submit documents B and/or C for a special reason, please submit an alternative document.

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Example 1: A copy of Aca

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Example 2: Complete Academic Transcript (or Certificate of Credits) from undergraduate and graduate schools (including a two-

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or Academic Degrees and University Evaluation

Application method for applicants with disabilities

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Applicants with disabilities, who require special considerations for taking the examination or studying, must submit the report for advance consultation (A4, no prescribed form), to the address for submission (S 3- Application Procedure (5) Postal Address for Submissions. (:

Report must be submitted by **Friday, May 31, 2024**

Report must contain the following information:

Name, address, and telephone number

Name of a prospective academic supervisor

Considerations necessary for taking the examination

Considerations necessary for studying after admission

Student Selection Method (Academic Examinations)

Program of Public Health Program of Medical Physicist Program of Biomedical Science

Admission Selections	Oral examination(the field of study the applicants apply for)
General Selection	
Special Selection for Students with Careers	
Special Selection for Senior Citizens	
Special Selection for International Students	
All Admission Selections Those living outside Japan only	Online interview

Program of Medicinal Sciences

Admission Selections	Written examinations		Oral examination (the field of study the applicants apply for)
	Specialized subject	Short essay about the specialty	
General Selection	Specialized subject about organic chemistry and biological science		
Special Selection for Students with Careers			
Special Selection for Senior Citizens			
Special Selection for Different Fields Students	Specialized subject about organic chemistry or biological science		
Special Selection for International Students			
All Admission Selections Those living outside Japan only			Online interview (including the content of the written examinations)

Program of Health Science

Admission Selections	Written examinations			Oral examination the field of study the applicants apply for
	Foreign language (Nursing English) the fields of health sciences nurse career support course only	Specialized subject the field of study the applicants apply for	Short essay	
General Selection	Note 1	Note 2		
Special Selection for Students with Careers	Note 1			
Special Selection for Senior Citizens				
Special Selection for Different Fields Students				
Special Selection for International Students				
All Admission Selections Those living outside Japan only				Online interview (including the content of the written examinations)

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Note 1: _____ at the time of filling application are permitted to use each of commonly used English-Japanese and Japanese-English dictionary (except electronic dictionary and specialized dictionary) for the examination of Foreign Language.

Note 2: The applicants for the General Selection in the fields of health sciences who are the fourth year students enrolled the School of Medicine through the AO examination(Graduate school) for Health science program shall be exempt from taking a written examination of special subject.

Examination Date and Location

Programs	Date	Hours	Subjects	Venue	
Program of Public Health Program of Medical Physicist Program of Biomedical Science	8 7 Wednesday, August 7	13:30	Oral examination	2 3 Graduate School of Biomedical and Health Sciences, Hiroshima University 1-2-3, Kasumi, Minami-Ku, Hiroshima, Japan	
Program of Medicinal Sciences	8 20 Tuesday, August 20	9:00 10:00 10:15 11:15	Written examinations		Specialized subject or short essay 9:00 10:00 *Short essay 9:00-10:00
	8 21 Wednesday, August 21	13:30	Oral examination		
Program of Health Sciences	8 7 Wednesday, August 7	9:00 10:30	Written examinations		Foreign language (Nursing English) G *The applicants for Nurse Career Support Course in the fields of health sciences who are unable to submit any of _____ only
		11:00 12:30			Specialized subject or short essay
		13:30	Oral examination		
All Admission Selections — Those living outside Japan only	Zoom Examinations shall be given through Zoom or other software. The date and time of the interview will be arranged within the university and each applicant will be contacted. If you live in Japan, please visit Hiroshima University Kasumi Campus and take the examination.				

General Selection Special Selection for Students with Careers / for Senior Citizens / for Different Fields Students

A B 60 2 B

Overall results of academic examinations and academic transcripts etc. are comprehensively considered for selection.

Applicants are not accepted if each score of specialized subject, short essay is less than 60% of the average of all applicants.

Applicants will be evaluated as A or B in Oral examination. Applicants are not accepted if the evaluation result of Oral examination is B, regardless of the result of written examination.

Program of Medicinal Sciences

A: Those who are recognized as being eligible to enroll

B: Those who are not recognized as being eligible to enroll

Special Selection for International Students

Announcement of Successful Applicants

Scheduled at 10:00 AM on Friday, August 30, 2024

UCARO

UCARO

The results of acceptance or rejection will be posted on UCARO. Notification of acceptance will also be sent to successful applicants by mail. The office will not accept inquiries by phone regarding the results of the examinations.

Please note that the posting of acceptance/rejection results to UCARO will be provided promptly but as unofficial information. Official announcement will be made via notifications of acceptance.

Notes

- (1) Changes to application documents are not accepted after the original application documents have been received.
- (2) Application documents and fee cannot be returned/refunded for any reason.
- (3) **Applicants must consult with a prospective academic supervisor before application.**

Admission Procedure

Successful applicants shall submit necessary documents and pay the specified fees within the period of the admission procedure. (Applicants will receive all relevant details regarding the submission of documents and the payment of fees in a separate correspondence).

Others

- (1) Privacy Policy

personal information obtained through student selection (name, date of birth, sex, and other private information, etc.) will be used for the purposes of selecting students, notifying, and processing their admission.

After admission, the school will use this information for the p life (application for scholarships, tuition waiver, etc.), as well as investigation or study (such as investigation or analysis for potential improvements in admission examinations and application trend). Private information will not be used for other purposes or provided to people other than relevant staff of our school.

- (2) Smoke-free campus

2020 1 2018 4
Smoking has been prohibited entirely in all HU campuses from January, 2020. *The Kasumi Campus has been smoke-free since April, 2018.

erty Export Control in accordance with the Foreign Exchange and Foreign Trade Act, and conducts strict examinations for acceptance of international students, etc. Therefore, please be advised that International applicants may be unable to receive their desired education or conduct their desired research due to the restriction by the above regulations.

For Reference

- (1) Fees
- | | | | |
|---------------|-----------------|---------|-------------|
| Admission Fee | | 282,000 | 282,000 JPY |
| Tuition fee | (Per half year) | 267,900 | 267,900 JPY |
| | (Per year) | 535,800 | 535,800 JPY |

All fees paid are non-returnable.

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The above fees are correct as of April 2024. Any changes to the tuition fee will be applied if the tuition fee is changed during the enrollment procedure.

and academic criteria. More details will be sent separately. We will notify you of the relevant details.

- (2) Hiroshima University Excellent Student Scholarship

Hiroshima University offers the second semester tuition exemption system to students with an excellent academic performance. These students will be selected based on their research results and other achievements during the program.

Laboratories & Research Topics

* If there is a description in the column of teachers scheduled to be instructed (scheduled to retire in March XX), you may not be able to receive guidance until the graduation. Be sure to consult with your desired academic advisor about retirement guidance.

Program of Health Sciences the fields of oral health sciences

Professor	Contents of education and research	
OHTA Koji TEL 082-257-5958 FAX 082-257-5945 E-mail otkouji@hiroshima-u.ac.jp Department of Public Oral Health	1	Study on promotion of oral health including perioperative oral care
	2	Study on oral function in the elderly
	3	Study on new prevention for oral diseases
	4	Study on the activities promoting oral health at school
NAITO Mariko TEL 082-257-5959 FAX 082-257-5795 E-mail naitom@hiroshima-u.ac.jp Department of Oral Epidemiology	1	Epidemiological studies regarding associations between oral health and general health
	2	(E#aE...E@aE...Ah

MURAYAMA Takeshi

TEL 082-257-5428

FAX 082-257-5797

E-mail murayatk@hiroshima-u.ac.jp

<p>KAWASAKI Hiromi TEL 082-257-5395 FAX 082-257-5399 E-mail khiromi@hiroshima-u.ac.jp</p> <p>Department of School and Public Health Nursing 2026 3 Retirement at the end of March 2026</p>	<p>1 Research on health promotion in community and school 2 Research on method and evaluation of health education and health guidance 3 Research on support to children and families 4 Research on health issue and city planning in community</p>
<p>ORIYAMA Sanae TEL 082-257-5355 FAX 082-257-5355 E-mail oriyama@hiroshima-u.ac.jp</p> <p>Department of Fundamental Nursing</p>	<p>1 Research for labor management system of nurse 2 Research on fundamental nursing technique 3 Research for nursing practice and continuing education 4 Research for stress management of nurse</p>
<p>TSUNEMATSU Miwako TEL 082-257-5346 FAX 082-257-5344 E-mail tsunematsu@hiroshima-u.ac.jp</p> <p>Department of Health Informatics</p>	<p>1 Collection of health statistics data and analysis of health-related factors 2 Evaluation of local health standards and analysis of the effects of health measures 3 Analysis of health-related social survey data</p>
<p>MORIYAMA Michiko TEL 082-257-5365 FAX 082-257-5369 E-mail morimich@hiroshima-u.ac.jp</p> <p>Department of Chronic Care & Family Nursing</p>	<p>1 Chronic Illness Disease Management & Population Health Management 2 Family Nursing 3 Healthcare system, Nursing case management 4 End-of-life care & Palliative care in Chronic Illness</p>
<p>TANABE Kazuaki TEL 082-257-5380 FAX 082-257-5384 E-mail ktanabe2@hiroshima-u.ac.jp</p> <p>Department of Perioperative and Critical Care Management</p>	<p>1 Research on Peri-operative Management and Post-operative Complications and Functional Disorders 2 Research on Pathophysiology and Treatments of Metabolic diseases 3 Research on Supportive care during Cancer Therapy 4 QOL Research on QOL in Patients with various Cancer</p>

<p>To be decided</p> <p>Department of Gerontological and Oncology Nursing</p>	
<p>To be decided</p> <p>Department of Mental Health and Psychiatric Nursing</p>	
<p>URABE Yukio TEL 082-257-5405 FAX 082-257-5405 E-mail yurabe@hiroshima-u.ac.jp</p> <p>Department of Sports Rehabilitation 2025 3 Retirement at the end of March 2025</p> <p>MAEDA Noriaki Associate professor E-mail norimmi@hiroshima-u.ac.jp</p>	<p>1 Research for sports injury and rehabilitation 2 outcome 3 Research about muscle strength, joint mobility, proprioceptive function, analysis for human functional movement, and its outcome measurement 4 Research and support for disabled sports to Olympic/ Paralympic game for Tokyo 2020 5 ACL 6 Sports injury prevention Knee joint, Ankle joint, Shoulder joint, and low back pain 7 Physical fitness for adolescent and elderly peoples 8 Social recovery research after disaster 9 New development for welfare equipment and patent</p>
<p>To be decided</p> <p>Department of Anatomy and Histology</p>	
<p>TAKAHASHI Makoto TEL 082-257-5415 FAX 082-257-5344 E-mail mako2@hiroshima-u.ac.jp</p> <p>Department of Biomechanics</p> <p>HAMADA Hironobu TEL 082-257-5420 FAX 082-257-5344 E-mail</p>	<p>1 Biomechanics of human movements 2 Neural control of human gait and posture 3 Mechanisms of fall and fall prevention strategies in elderly and/or physically-disabled persons</p>

<p>FUJITA Naoto TEL 082-257-5423 FAX 082-257-5423 E-mail fujitan@hiroshima-u.ac.jp</p> <p>Department of Bio-Environmental Adaptation Sciences</p>	<p>1 Influence of childhood exercise and detraining in adulthood 2 Complementary and alternative therapy for exercise training 3 How does dislike for physical activity contribute to childhood obesity?</p>
<p>URAKAWA Susumu TEL 082-257-5430 FAX 082-257-5430 E-mail urakawas@hiroshima-u.ac.jp</p> <p>Department of Musculoskeletal Functional research and regeneration</p>	<p>1 Brain activity during the rehabilitative motor-task 2 How the physiotherapy improve the musculoskeletal functions including the muscular pain 3 The effects of enriched environment on brain plasticity 4 Development of the rehabilitation therapy for skeletal muscle mitochondrial dysfunction with heart failure and diabetes</p>
<p>To be decided</p> <p>Department of Integrative Physiology</p>	
<p>To be decided</p> <p>Department of Human Behavior Science of Occupational Therapy</p>	
<p>KIRIMOTO Hikari TEL 082-257-5445 FAX 082-257-5445 E-mail hkirimoto@hiroshima-u.ac.jp</p> <p>Department of Sensorimotor Neuroscience</p>	<p>1 Non-invasive brain stimulation to facilitate the treatment of various neurological disorders 2 Neural basis of precise hand movement</p>
<p>OKAMURA Hitoshi TEL 082-257-5450 FAX 082-257-5454 E-mail hokamura@hiroshima-u.ac.jp</p> <p>Department of Psychosocial Rehabilitation</p>	<p>1 Cancer rehabilitation 2 Rehabilitation for older adults with or without dementia 3 Rehabilitation for patients with mental disability</p>

<p>SUNAGAWA Toru TEL 082-257-5455 FAX 082-257-5455 E-mail torusuna@hiroshima-u.ac.jp</p> <p>Department of Analysis and Control of Upper Extremity Function 2026 3 Retirement at the end of March 2026</p>	<p>1 Analysis of the relationship between hand and brain for the hand rehabilitation 2 Three-dimensional motion analysis of the hand 3 Analysis of muscle synergy for upper extremity function</p>
<p>HANAOKA Hideaki TEL 082-257-5400 FAX 082-257-5400 E-mail hhanaoka@hiroshima-u.ac.jp</p> <p>Department of Gerontological and Community-Based Occupational Therapy</p>	<p>1 Research of care prevention for community-dwelling elderly people 2 Research of frail elderly people 3 QOL Research of elderly people with dementia</p>
<p>MATANI Ayumu TEL 082-257-1657 FAX 082-257-1723 E-mail matani@hiroshima-u.ac.jp</p> <p>Department of Brain Function Imaging</p>	<p>1 Intervention in emotional processes in the brain with transcranial Extracellular Impedance Control (tEIC) 2 Intervention in conflict processes in the brain with tEIC 3 fMRI fMRI study on neural effects of tEIC 4 fMRI study on the neural basis of KANSEI information processing 5 fMRI study on the neural basis of visual imagery generation and manipulation</p>

Program of Medicinal Sciences

Professor	Contents of education and research	
<p>NOMURA Wataru TEL 082-257-5308 FAX 082-257-5309 E-mail wnomura@hiroshima-u.ac.jp</p> <p>Department of Genome and Biomolecular Engineering for Drug Discovery</p>	<p>1 DNA 2 3 DNA 4 5 6 7 BRET 8 9</p>	<p>Genome editing using DNA recombinases Suppression of off-target effects for precise genome editing Epigenome editing using DNA methylases Gene regulation by artificial transcription factors Chemical biology by protein engineering and genome editing Visualization of in situ protein dynamics using fluorescent imaging BRET-based compound screening for drug discovery Roles of phosphoinositides in signal transduction system Roles of phosphoinositides in intracellular vesicular trafficking</p>

<p>KOTAKE Yaichiro TEL 082-257-5325 FAX 082-257-5329 E-mail yaichiro@hiroshima-u.ac.jp</p> <p>Department of Neurochemistry and Environmental Health Sciences</p>	<p>1 Neurotoxic mechanism of environmental chemicals and its evaluation 2 disease-related neurotoxic chemicals 3 Metabolism, toxicity and human prediction of chemicals including pharmaceuticals 4 Neurotoxicity and metabolism of designer drugs</p>
<p>TAHARA Hidetoshi TEL 082-257-5290 FAX 082-257-5294 E-mail toshi@hiroshima-u.ac.jp</p> <p>Department of Cellular and Molecular Biology</p>	<p>1 Molecular mechanism of cellular senescence and cancer 2 G-tail Development of anti-cancer drug targeting telomere G-tail 3 G-tail Risk assessment of age-related disease using telomere G-tail 4 Cellular immortalization using telomerase 5 RNA Biomarker using circulating microRNA 6 RNA Nucleic acid biomedicine for cancer treatments 7 RNA Molecular mechanism of microRNA regulation in aging and cancer 8 Extracellular vesicles including exosome in aging and cancer</p>
<p>KAMIYA Hiroyuki TEL 082-257-5300 FAX 082-257-5334 E-mail hirokam@hiroshima-u.ac.jp</p> <p>Department of Nucleic Acids Biochemistry</p>	<p>1 DNA Mutagenesis by DNA damage 2 DNA DNA Functions of DNA repair 3 Gene correction (genome editing) for gene therapy 4 iPS Mutations and genome stability in iPS cells</p>
<p>To be decided</p> <p>Department of Clinical Pharmacotherapy</p>	
<p>To be decided</p> <p>Department of Frontier Science for Pharmacotherapy</p>	
<p>OZAWA Koichiro TEL 082-257-5332 FAX 082-257-5332 E-mail ozawak@hiroshima-u.ac.jp</p> <p>Department of Pharmacotherapy 2025 3 Retirement at the end of March 2025</p> <p>YANASE Yuhki Associate professor E-mail yyanase@hiroshima-u.ac.jp</p>	<p>1 Clinical pharmaceutical researches that support the proper use of pharmaceutical products 2 Elucidation of the mechanisms of stress responses and drug targets 3 The research of clinical drug assessment 4 The development of new methods to assess drug efficacy and drug monitoring 5 The research about functions and disease therapy of the store operated calcium channel</p>

KURODA Teruo
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1
2
3

Screening of seed compounds which has antimicrobial activity and Identification of its action target
Study of antiseptic resistance mechanism

Department of Microbiology

<p>MATSUO Hiroaki TEL 082-257-5570 FAX 082-257-5598 E-mail hmatsuo@hiroshima-u.ac.jp</p> <p>Department of Pharmaceutical Services</p>	<p>1 Clinical pharmacokinetics and administration planning of drugs 2 Drug interactions 3 Drug informatics for proper use of pharmaceutical products 4 Drug allergy 5 Influence of drug intake on development of food allergy</p>
<p>SUGIYAMA Masanori TEL 082-257-5280 FAX 082-257-5284 E-mail sugi@hiroshima-u.ac.jp</p> <p>Department of Probiotic Science for Preventive Medicine</p>	<p>1 Prevention and improvement of fatty liver by plant-derived lactic acid bacteria 2 Prevention and improvement of the neuro-degenerative diseases by plant-derived lactic acid bacteria 3 Development of the next-generation therapeutic drug to infectious disease using probiotics 4 Meta genome analysis of the entero-bacterial flora and application to digestive organ diseases</p>

Program of Public Health

Professor	Contents of education and research
<p>FUKUMA Shingo TEL 082-257-5162 FAX 082-257-5164 E-mail shingo-fukuma@hiroshima-u.ac.jp</p> <p>Department of Epidemiology, Infectious Disease Control and Prevention</p>	<p>Epidemiology Biostatistics Social and Behavioral Sciences Health Service Administration Environmental Health Sciences</p>
<p>KUBO Tatsuhiko TEL 082-257-5165 FAX 082-257-5169 E-mail tkubo@hiroshima-u.ac.jp</p> <p>Department of Public Health and Health Policy</p>	
<p>NAGAO Masataka TEL 082-257-5170 FAX 082-257-5174 E-mail nagao@hiroshima-u.ac.jp</p> <p>Department of Forensic Medicine 2026 3 Retirement at the end of March 2026</p>	<p>Under the academic supervisor, students will conduct a researche in five scientific fields based on the international standard for Graduate School of Public Health and make their master thesis. Five scientific fields: 1)Epidemiology, 2) Biostatistics, 3) Social and Behavioral Sciences, 4) Health Service Administration, 5) Environmental Health Sciences</p>

NAMERA Akira

TEL 082-257

Program of Biomedical Science

Professor	Contents of education and research															
<p style="text-align: center;">IKEGAMI Koji</p> <p>TEL 082-257-5110 FAX 082-257-5114 E-mail k-ikegami@hiroshima-u.ac.jp</p> <p>Department of Anatomy and Developmental Biology</p>	<p>We explore the morphological and functional changes of cells or cellular populations. We manipulate mammalian cells and avian embryos as experimental materials using technologies such as genome editing and microsurgery to observe response of cells, tissues, or organs to changes of the environment/state or over time in a multidimensional manner. In addition, we explore biological evolution, focusing on gametes.</p>															
<p style="text-align: center;">AIZAWA Hidenori</p> <p>TEL 082-257-5115 E-mail haizawa@hiroshima-u.ac.jp</p> <p>Department of Neurobiology</p>	<p>We use mice and fish to address roles of specific neural circuits in the pathophysiology of the depression and sleep disorders by interdisciplinary approaches combining genetics with physiology and behavioral science.</p>															
<p style="text-align: center;">FUJIWARA Yuichiro</p> <p>TEL 082-257-5120 E-mail fujiwara-yuichiro@hiroshima-u.ac.jp</p> <p>Department of Physiology and Biophysics</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%; text-align: center;">1</td> <td style="width: 45%;"></td> <td style="width: 50%; text-align: right;">Structure-function relationship of ion channels, receptors and transporters</td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">Elucidation of the principle of operation of biomolecular sensors</td> <td></td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">Analysis of membrane protein-molecule interactions</td> <td></td> </tr> <tr> <td style="text-align: center;">4</td> <td></td> <td style="text-align: right;">Measurement by lipid bilayer reconstruction system and creation of artificial membrane proteins</td> </tr> <tr> <td style="text-align: center;">5</td> <td></td> <td style="text-align: right;">Pathophysiology of channelopathy (including receptor and transporter diseases)</td> </tr> </table>	1		Structure-function relationship of ion channels, receptors and transporters	2	Elucidation of the principle of operation of biomolecular sensors		3	Analysis of membrane protein-molecule interactions		4		Measurement by lipid bilayer reconstruction system and creation of artificial membrane proteins	5		Pathophysiology of channelopathy (including receptor and transporter diseases)
1		Structure-function relationship of ion channels, receptors and transporters														
2	Elucidation of the principle of operation of biomolecular sensors															
3	Analysis of membrane protein-molecule interactions															
4		Measurement by lipid bilayer reconstruction system and creation of artificial membrane proteins														
5		Pathophysiology of channelopathy (including receptor and transporter diseases)														
<p style="text-align: center;">HASHIMOTO Kouichi</p> <p>TEL 082-257-5125 E-mail hashik@hiroshima-u.ac.jp</p> <p>Department of Neurophysiology</p>	<p>Analysis of mechanisms for the synaptic transmission and postnatal development of neuronal circuits</p>															
<p style="text-align: center;">IMAIZUMI Kazunori</p> <p>TEL 082-257-5130 FAX 082-257-5134 E-mail imaizumi@hiroshima-u.ac.jp</p> <p>Department of Biochemistry 2025 3 Retirement at the end of March 2025</p> <p style="text-align: center;">SAITO Atsushi</p> <p>Associate professor E-mail saitoa@hiroshima-u.ac.jp</p> <p style="text-align: center;">KANEMITO Soshi</p> <p>Associate professor E-mail soshikanemoto@hiroshima-u.ac.jp</p>	<p>Our purpose is to determine molecular mechanisms of cellular impairment generated from dysfunction of endoplasmic reticulum and its pathogenic mechanisms in nervous, blood-vascular, and skeletal systems.</p>															

<p>To be decided</p> <p>Department of Biomedical Chemistry</p>	
<p>SAKAI Norio</p> <p>TEL 082-257-5140</p> <p>FAX 082-257-5144</p> <p>E-mail nsakai@hiroshima-u.ac.jp</p> <p>Department of Molecular and pharmacological neuroscience</p> <p>2026 3</p> <p>Retirement at the end of March 2026</p> <p>TANAKA Shigeru</p> <p>Associate professor</p> <p>E-mail tanakamd@hiroshima-u.ac.jp</p>	<p>We analyze the pathophysiology of incurable disease, including stroke, neurodegenerative disease and psychiatric disease and search the novel therapeutic drug for curing them.</p>
<p>To be decided</p> <p>Department of Molecular Pathology</p>	
<p>TAKESHIMA Yukio</p> <p>TEL 082-257-5150</p> <p>FAX 082-257-5154</p> <p>E-mail ykotake@hiroshima-u.ac.jp</p> <p>Department of Pathology</p>	<p>Exploring biological natures of human cancers, especially lung cancer and malignant mesothelioma for accurate pathological diagnosis and adequate therapy</p>
<p>SAKAGUCHI Takemasa</p> <p>TEL 082-257-5157</p> <p>FAX 082-257-5159</p> <p>E-mail tsaka@hiroshima-u.ac.jp</p> <p>Department of Virology</p> <p>2026 3</p> <p>Retirement at the end of March 2026</p> <p>IRIE Takashi</p> <p>Associate professor</p> <p>E-mail tirie@hiroshima-u.ac.jp</p>	<p>We investigate the mechanism of propagation and pathogenicity of viruses, such as paramyxovirus, influenza virus and hepatitis B virus, seeking preventive and therapeutic measures to virus infection.</p>

<p>FUKUMA Shingo TEL 082-257-5162 FAX 082-257-5164 E-mail shingo-fukuma@hiroshima-u.ac.jp</p> <p>Department of Epidemiology, Infectious Disease Control and Prevention</p>	<p>1 Epidemiological research using large-scale health and medical data, international collaborative research. 2 Clinical epidemiological research in various clinical fields. 3 Epidemiological studies on hepatitis viruses, international collaborative studies. 4 COVID19 PCR Genetic analysis for hepatitis, COVID19 and other infectious diseases (PCR, immunoserology, phylogenetic tree analysis, etc.). 5 Methodological extensions and applications in epidemiology, statistics, and data science. 6 Behavioral science and behavioral design in health systems. 7 Health policy evaluation. 8 Quality assessment of medical care.</p>
<p>KUBO Tatsuhiko TEL 082-257-5165 FAX 082-257-5169 E-mail tkubo@hiroshima-u.ac.jp</p> <p>Department of Public Health and Health Policy</p>	<p>1 Disaster Public health, social systems including health policy and health administration to protect health during emergencies and disasters 2 Occupational Health, epidemiological study of shift work and other occupational exposures 3 Emergency Medical Team (EMT), Daily reporting by the EMT such as the WHO EMT Minimum Data Set</p>
<p>NAGAO Masataka TEL 082-257-5170 FAX 082-257-5174 E-mail nagao@hiroshima-u.ac.jp</p> <p>Department of Forensic Medicine 2026 3 Retirement at the end of March 2026</p>	<p>Analysis noncholinergic mechanism of new organic phosphorus compounds</p>
<p>NAMERA Akira TEL 082-257-5172 FAX 082-257-5172 E-mail namera@hiroshima-u.ac.jp</p> <p>Department of Forensic Medicine</p>	<p>1 / Development of new analytical methods and procedures by using a mass spectrometry 2 / Estimation of intaken drugs by a drug metabolite profiling 3 / Development of new quick laboratory procedures to medical toxicant 4 / Analysis of drug ingestion history 5 / Identifying of ingredients of poisonous plants</p>
<p>YASUDA Tomoharu TEL 082-257-5175 FAX 082-257-5179 E-mail yasudat@hiroshima-u.ac.jp</p> <p>Department of Immunology</p>	<p>1 The antigen receptor and mediated signals in the immune system 2 The regulation of immune cell division limit and hematological malignancy 3 The regulation of immune cell lifespan 4 The immune surveillance to viral infection and cancer 5 The allergic diseases and immune tolerance 6 The gene therapy of primary immunodeficiency</p>

<p>OKADA Satoshi TEL 082-257-5210 FAX 082-257-5214 E-mail sokada@hiroshima-u.ac.jp</p> <p>Department of Pediatrics</p>	<p>1 Diagnosis of congenital malformations with comprehensive genomic analysis 2 Molecular analyses of pediatric malignancies 3 M ultimics based improvement of diagnostic yield in primary immunodeficiency diseases</p>
<p>To be decided</p> <p>Department of Calcified Tissue Biology</p>	
<p>TERAYAMA Ryuji TEL 082-257-5623 FAX 082-257-5689 E-mail ryujit@hiroshima-u.ac.jp</p> <p>Department of Maxillofacial Anatomy and Neuroscience</p>	<p>Molecular biological and behavioral studies for understanding nociceptive transmission and mechanisms underlying the development of abnormal pain sensations</p>
<p>SUGITA Makoto TEL 082-257-5626 FAX 082-257-5627 E-mail sugisan@hiroshima-u.ac.jp</p> <p>Department of Physiology and Oral Physiology</p>	<p>1 To study the cellular mechanisms underlying taste perception and taste-evoked emotional responses 2 To investigate the molecular mechanisms underlying ion and fluid transport in the salivary glands</p>
<p>SHUKUNAMI Chisa TEL 082-257-5628 FAX 082-257-5629 E-mail shukunam@hiroshima-u.ac.jp</p> <p>Department of Molecular Biology and Biochemistry</p>	<p>We are aiming at the elucidation of the molecular and cellular mechanisms underlying the formation and regeneration of cartilage, bone, teeth, tendon, and ligament.</p>
<p>To be decided</p> <p>Department of Oral and Maxillofacial Pathobiology</p>	
<p>KOMATSUZAWA Hitoshi TEL 082-257-5635 FAX 082-257-5639 E-mail komatsuz@hiroshima-u.ac.jp</p> <p>Department of Bacteriology</p>	<p>1 Factors for virulence and antibiotic resistance in Staphylococcus aureus 2 Mechanism of S. aureus and oral streptococci infection to the host 3 Analysis of oral microbiome 4 Factors for virulence and antibiotic resistance in periodontal bacteria 5 MDRP MRSA ESBL 6 Molecular epidemiology of nosocomial antimicrobial resistant pathogens (MDRP, MRSA, ESBL producers) Study on new antibacterial agents</p>

<p style="text-align: center;">AGO Yukio</p> <p>TEL 082-257-5640 FAX 082-257-5640 E-mail yukioago@hiroshima-u.ac.jp</p> <p>Department of Cellular and Molecular Pharmacology</p>	<p>1 Studies on the mechanisms of action of the drugs in depression, schizophrenia, anxiety, and neurodegenerative diseases</p> <p>2 Studies on the roles of gene-environment interactions in brain development</p> <p>3 Studies on the roles of cell migration, adhesion, and proliferation in biological and pathological processes</p>
<p style="text-align: center;">KATO Koichi</p> <p>TEL 082-257-5645 FAX 082-257-5649 E-mail kokato@hiroshima-u.ac.jp</p> <p>Department of Biomaterials</p>	<p>1 Technologies for manufacturing stem cells to be used in clinical regenerative dentistry and medicine</p> <p>2 Design principles that enable duplication of histologically-ordered tissue structure found in living organisms</p>
<p style="text-align: center;">TAKAHASHI Ichiro</p> <p>TEL 082-257-5650 FAX 082-257-5650 E-mail snatum@hiroshima-u.ac.jp</p> <p>Department of Mucosal Immunology 2025 3 Retirement at the end of March 2025</p> <p style="text-align: center;">TOBIUME Kei</p> <p>Associate professor E-mail tobi5651@hiroshima-u.ac.jp</p>	<p>Molecular and cellular analysis for the creation and maintenance of physiological inflammation in the mucosa-associated peripheral tissues</p>
<p style="text-align: center;">FUJII Makiko</p> <p>TEL 082-257-1503 FAX 082-257-1572 E-mail fujiiim@hiroshima-u.ac.jp</p> <p>Department of Genomic Oncology and Oral Medicine</p>	<p>1 Development of molecular target therapy for cancer</p> <p>2 Establishment of cancer treatment using heavy ion radiotherapy</p> <p>3 Research on mechanisms of squamous cell carcinoma invasion and metastasis</p> <p>4 TGF- TGF-</p> <p>5 Research and development of educational methods in health care professional education</p>
<p style="text-align: center;">YOSHINAGA Shinji</p> <p>TEL 082-257-5852 FAX 082-256-7106 E-mail syoshinaga@hiroshima-u.ac.jp</p> <p>Department of Environmetrics and Biometrics</p>	<p>Evaluation of health effects of ionizing radiation such as cancer and non-cancer diseases by epidemiological approaches, and development and application of statistical methods in the bio-medical fields</p>

<p>YASUDA Hiroshi TEL 082-257-5872 FAX 082-257-5873 E-mail hyasuda@hiroshima-u.ac.jp</p> <p>Department of Radiation Biophysics</p>	<p>While radiation has been widely used for diagnosis, therapy and other purposes, excessive exposure to radiation could cause a damage on our health and it is needed to keep the radiation exposure as low as reasonably achievable. In this course, you will learn the necessary skills to achieve the radiation protection principles in the most appropriate way, studying details about quantities for radiation dosimetry, biological effects of radiation, techniques and instruments for radiation safety management, radiation emergency responses and related subjects.</p>
<p>KAWAKAMI Hideshi TEL 082-257-5846 FAX 082-257-5850 E-mail hkawakam@hiroshima-u.ac.jp</p> <p>Department of Molecular Epidemiology 2025 3 Retirement at the end of March 2025</p> <p>KUME Kodai Associate professor E-mail kumek@hiroshima-u.ac.jp</p>	<p>To uncover causative genes in neurological disease</p>
<p>WATANABE Tomonobu TEL 082-257-5938 E-mail twatanabe@hiroshima-u.ac.jp</p> <p>Department of Stem Cell Biology</p>	<p>In this course, we aim to elucidate (1) the mechanism by which individual differences in resistance to radioactive disorders occur, and (2) the relationship between the undifferentiated maintenance function of stem cells and radiation exposure, in combination with development of advanced microscopy. We accept students from science and engineering as well as biology and medicine.</p>
<p>TASHIRO Satoshi TEL 082-257-5817 FAX 082-256-7104 E-mail ktashiro@hiroshima-u.ac.jp</p> <p>Department of Cellular Biology</p>	<p>Study of the dynamic organization of DNA repair system in human cells by using the newly developed bioimaging analysis methods</p>
<p>KAMINUMA Osamu TEL 082-257-5819 FAX 082-257-1556 E-mail okami@hiroshima-u.ac.jp</p> <p>Department of Disease Model</p>	<p>Clarification of cellular and molecular mechanisms and development of novel diagnostic and therapeutic methods for allergic and immunological diseases by using innovative somatic cell nuclear transfer and genetic modification technologies.</p>

<p>MATSUURA Shinya TEL 082-257-5809 FAX 082-256-7101 E-mail shinya@hiroshima-u.ac.jp</p> <p>Department of Genetics and Cell Biology 2026 3 Retirement at the end of March 2026</p> <p>ASANO Takaki Associate professor E-mail tasano02@hiroshima-u.ac.jp</p>	<p>DNA Our research aim is to elucidate the molecular mechanisms of genome stability and maintenance.</p>
<p>To be decided</p> <p>Department of Molecular Oncology</p>	
<p>To be decided</p> <p>Department of Experimental Oncology</p>	
<p>HIROHASHI Nobuyuki TEL 082-257-5839 FAX 082-256-7105 E-mail hiroha</p>	

<p>HINOI Takao TEL 082-257-2019 FAX 082-257-2019 E-mail thinoi@hiroshima-u.ac.jp</p> <p>Department of Genetic Medicine</p>	<p>1 Surveillance and development of treatment based on cancer genome profiling analysis in solid tumor</p> <p>2 Development of genetic counseling and surveillance system for hereditary cancer syndrome</p> <p>3 Research for Ethical, Legal and Social Issues ELSI of genome medicine to improve genome medicine literacy</p> <p>4 Investigation of molecular genetics and molecular pathology of hereditary cancer syndrome</p> <p>5 Analysis of mechanism in colorectal cancer development, invasion, and metastasis based on subtype classification, and establishment of disease model for colorectal cancer</p>
<p>OGAWA Keiko TEL 082-257-1921 FAX 082-257-2021 E-mail okeiko22@hiroshima-u.ac.jp</p> <p>Department of Kampo Japanese Traditional Medicine</p>	<p>1 The effect of Kampo medicine on lymphatic malformations</p> <p>2 COVID-19 The effect of Kampo medicine on COVID-19</p> <p>3 The effects of direct moxibustion on immune function</p> <p>4 Functional dyspepsia: FD The therapeutic effect of Kampo medicine on Functional Dyspepsia (FD)</p> <p>5 The effect of daiobotanpito on colon diverticulitis</p> <p>6 Influence of Kampo medicine on blood coagulation</p> <p>7 Investigation of changes in immune cell function induced by Kampo medicine in patients with solid cancers</p> <p>8 Development of a diagnostic system focusing on Kampo medicine diagnosis</p> <p>9 The effect of goreisan on trigeminal neuralgia</p> <p>10 The effect of contact needle therapy (acupuncture) on fatigue in cancer patients hospitalized for palliative care</p> <p>11 The effect of acupuncture treatment for cancer patients with chemotherapy-induced neuropathy</p> <p>12 The efficacy of Kampo medicine for Nonalcoholic steatohepatitis (NASH)</p> <p>13 The effect of acupressure on pediatric cancer patients</p> <p>14 Research on Traditional medicine classics</p>
<p>KAWAGUCHI Hiroyuki TEL 082-257-5748 FAX 082-257-5717 E-mail hkawarp@hiroshima-u.ac.jp</p> <p>Department of Dental Education</p>	<p>1 Development of novel curriculum for dental education</p> <p>2 Development of effective learning methods for clinical competencies</p> <p>3 Development of novel assessments for clinical competencies</p> <p>4 Epidemiological studies on clinical evaluation of perioperative oral management</p> <p>5 Clinical studies on relationships between dental treatments and systemic diseases</p>

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 Department of Natural Science Center for Basic
 Research and Development

in vitro in vivo

Cell (in vitro) and animal (in vivo) experiments for analyzing the life science phenomenon such as development, differentiation, aging and cancer

SUGIYAMA Daisuk
 TEL 082-257-1949
 FAX 082-257-1993
 E-mail cedarmt@hiroshima-u.ac.jp

- 1 Drug target Identification using animal models and human cells
 - 2 mode of action Analysis of mode of action using animal models and human cells
 - 3 Pre-clinical proof of concept and translational research for commercialization
 - 4 Production of medical device prototype and verification of safety and effectiveness
 - 5
 - 6 Translational research to formulate and verify hypotheses based on trend surveys of seeds demands for clinical practice and practical application from basic research
 - 7 Translational research to formulate and verify hypotheses based on trend surveys of needs required for clinical practice and practical use
 - 8 Translational research to formulate and verify hypotheses based on development trend surveys in clinical and regulatory settings
 - 9 Translational research to formulate and verify hypotheses based on a trend survey of industry-academia-government collaboration for medical development
 - 10 International comparative research in translational research area
 - 11 Non-clinical studies and translational research for pharmaceutical development on tissue adhesion and fibrous by extracellular matrix.
- Research related to health care policy to aim for pharmaceuticals through translational research th(i)38(m)164.68 268.97 172.7 199.97 re38(m)164.68et Id (en-

Department of Translational Research

Genetic Counselor Training Course

Professor	Contents of education and research
<p style="text-align: center;">HINOI Takao</p> <p>TEL 082-257-2019 FAX 082-257-2019 E-mail thinoi@hiroshima-u.ac.jp</p> <p>Department of Genetic Medicine</p>	<p>1 Surveillance and development of treatment based on cancer genome profiling analysis in solid tumor</p> <p>2 Development of genetic counseling and surveillance system for hereditary cancer syndrome</p> <p>3 Research for Ethical, Legal and Social Issues ELSI of genome medicine to improve genome medicine literacy</p> <p>4 Investigation of molecular genetics and molecular pathology of hereditary cancer syndrome</p> <p>5 Analysis of mechanism in colorectal cancer development, invasion, and metastasis based on subtype classification, and establishment of disease model for colorectal cancer</p>
<p style="text-align: center;">OKADA Satoshi</p> <p>TEL 082-257-5210 FAX 082-257-5214 E-mail sokada@hiroshima-u.ac.jp</p> <p>Department of Pediatrics</p>	<p>1 Diagnosis of congenital malformations with comprehensive genomic analysis</p> <p>2 Molecular analyses of pediatric malignancies</p> <p>3 Multiomics based improvement of diagnostic yield in primary immunodeficiency diseases</p>
<p style="text-align: center;">OKAMURA Hitoshi</p> <p>TEL 082-257-5450 FAX 082-257-5454 E-mail hokamura@hiroshima-u.ac.jp</p> <p>Department of Psychosocial Rehabilitation</p>	<p>1 Psychosocial aspects of genetic testing for hereditary cancer</p> <p>2 Cancer rehabilitation</p>