National University Corporation Hamamatsu University School of Medicine 2015

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## Philosophy and Objectives of our University at its Establishment

The university seeks to achieve three chief objectives; firstly, to grow up excellent clinicians and highly creative researchers; secondly, to promote original research and the innovation of medical techniques; and thirdly, to play a leading role in local medical treatments by practicing medicine for the greatest benefits of patients. These goals should contribute to the health and welfare of all mankind.

### Mission of our University

The main task of Hamamatsu University School of Medicine is to actively promote the mankind's health, happiness and prosperity through its educational and academic activities. The school, which serves as an educational and research institution for medicine and nursing, aims at teaching and researches on the newest theories and practical applications of them. The school continuously seeks to grow up expert clinicians and nurses and their researchers who are not only highly academic and skilled but also well trained and versed in medical ethics. By doing so, the university plays a leading role in local medicine and health care and helps them develop.

#### University Emblem & Logo



#### University Emblem

Mt. Fuji, located in Shizuoka and the symbol of Japan, is the motif of the University emblem. Kanji characters for 'Medicine' and 'University' are incorporated into the Mt. Fuji. The bight in its lower part portrays the Sea of Enshu and waves, and its protrusion images Hamana Lake. The University emblem is used on diplomas, legal documents, and other materials only at the discretion of the president.



#### University Logo

The University's initial letter "h" is designed into a mountain-like aqua shape, inspired by Mt. Fuji. It also symbolizes Hamana Lake, the Sea of Enshu, natural water and the essence of life. Together with an orange circle, it implies a mankind with energy, health and dynamism. The University logo encaptures the University's dedication to the future development of human

health and welfare. The logo was created primarily for use on merchandise and promotional items, and is an alternative

to the university Emblem for graphic design purposes.

#### History

1974 June	7	Hamamatsu University School of Medicine was founded.
1977 April 1	18	The University Hospital was established.
1980 April	1	Graduate School of Medicine, Doctoral Degree Program, was established.
1995 April	1	The Faculty of Nursing was established.
1999 April	1	The Master's Degree Program of our Graduate School of Nursing was established.
2004 April	1	The National University Corporation Hamamatsu University School of Medicine started.
2008 April	1	Graduate Course of Midwifery was established.
2015 April	1	Midwifery Course, Master's Degree Program in Nursing was established.(Graduate Course of Midwifery was superseded.)



## Message from the President

11 years have passed since this university's incorporation and renaming as National University Corporation, Hamamatsu University School of Medicine but our original vision and goals remain unchanged. They are: (1) to educate our students to be excellent clinicians and highly creative researchers; (2) to practice medicine on a patient-first basis; and (3) to play a key role in developing community health care.

Since its inception, we have graduated 3,565 medical students and 1,164 nursing students from our university to meet the medical needs of Shizuoka prefecture and beyond our boarders. However, from 2010, we will admit 120 new medical students a year because of a national plan to meet the increasing need for medical doctors all over Japan. In addition, more than 1,235 students, including 517 doctors evaluated only on theses, have been awarded medical doctorate degrees as well as more than 198 nurses awarded a Master's degree in nursing.

Six years ago, the new wards for inpatients were completed and became operational. The renewal of our outpatients facilities has been also completed recently. The hospital now has 613 beds and 35 clinical services units to fulfill our aim to provide medical services which have strong points not only in Hamamatsu city and Shizuoka prefecture but also in Japan.

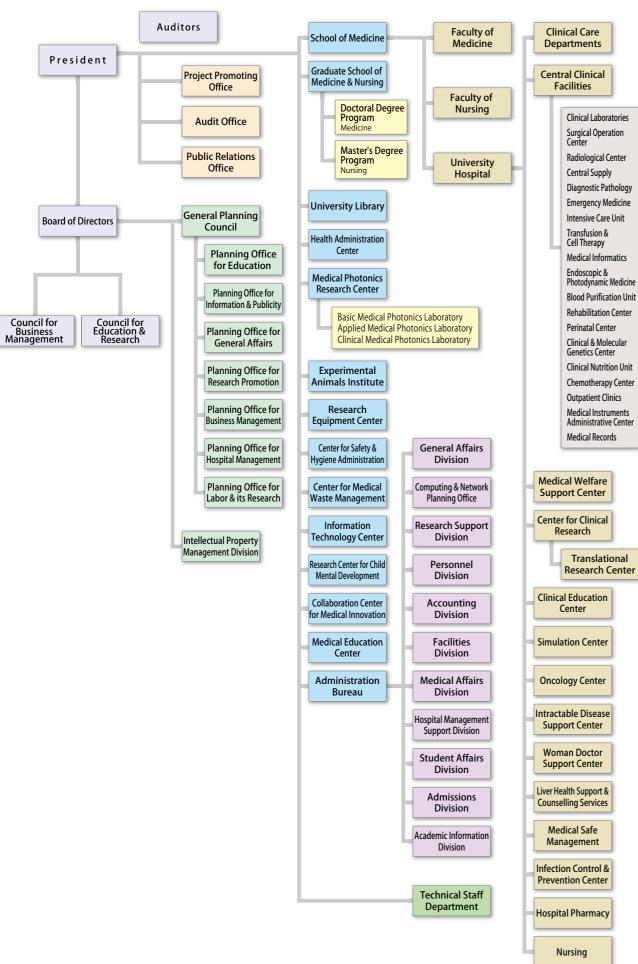
Finally, we have launched two research centers in 2011. One is the Medical Photonics Research Center and the other is the Collaboration Center for Medical Innovation. The former, established by the integration of two previous centers, Photon Medical Research Center and Molecular Imaging Frontier Research Center, was intended at further advancing the studies on medical application of light. The latter was newly set up to prompt collaborative research between our university and the industries. Continuous cooperation by various companies such as Hamamatsu Photonics K.K. (since 1991) has been quite valuable to start and maintain these centers.

Under my leadership, this university's overall goal in all these endeavors is to strengthen our contributing to the improvement of human health and well-being and to expand our efforts in the fields of education, clinical practice and research. I look forward to meeting these goals in the years ahead.

Satoshi nakamura

NAKAMURA Satoshi, President

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## ADMINISTRATIVE OFFICERS

President	NAKAMURA Satoshi				
Executive Directors/Vice-Presidents					
(for Education & International E	(for Education & International Exchange) KOIDE Yukio				
(for Evaluation, Labor & Safety C	Control) SUZUKI Osamu				
Executive Director/S	Secretary General				
(for Finance)	MAEDA Hiroshi				
Executive Director					
(for Administration & Collaboration De	velopment) HIRUMA Akira				
Council for Business	Management				
President	NAKAMURA Satoshi				
Executive Director	SUZUKI Osamu				
Executive Director	MAEDA Hiroshi				
Executive Director	HIRUMA Akira				
Vice-President	KONNO Hiroyuki				
Chair Person, Board of Directors Hamamatsu Cultual Foundation	ITO Shuii				
Special Adviser to the Chair of Board of Direct Laboratory Head of Quality Assurance, Taisho					
Professor Emeritus, Keio Univers Adviser, Foundation for Promotion of Medic	sity cal Training SARUTA Takao				
President, Shizuoka Medical Association	SHINOHARA Akira				
Professor Emeritus, Tokyo Unive Professor Emeritus, Nagoya Uni	<sup>rristy</sup> NAGAI Yoshiyuki				
President & Chief Exective Office Hamamatsu Shinkin Bank	er, MIMURO Kenichiro				
Professor Emeritus, Mie Prefectural College of Nursi	<sub>ng</sub> MURAMOTO Junko				

ADMINISTRATIVE OFFICERS

### Auditors

## NISHIYAMA Hitoshi TSUDA Hiroshi

## Vice-Presidents

(for Information & Library)	HARIYAMA Takahiko
(for Research)	MINOSHIMA Shinsei
(for University Hospital)	KONNO Hiroyuki

## Special Advisers to the President

(for Accreditation According) to the Global Standards	MIYAJIMA Hiroaki
(for Public Relations & Social Contribution)	YAMAMOTO Seiji

### Council for Education & Research

President	NAKAMURA Satoshi
Executive Director	KOIDE Yukio
Executive Director	SUZUKI Osamu
Executive Director	MAEDA Hiroshi
Director, University Library	HARIYAMA Takahiko
Head, Health Administration Center	MIYAJIMA Hiroaki
Head, Medical Photonics Research Center	MINOSHIMA Shinsei
Head, Experimental Animals Institute	WATANABE Hiroshi
Head, Research Equipment Cente	r FUKUDA Atsuo
Vice-President	KONNO Hiroyuki
Professor, Ethics, Integrated Human Sciences	SASAKURA Hiroyuki
Professor, Medical Physiology	URANO Tetsumei
Professor, Pharmacology	UMEMURA Kazuo
Professor, Obstetrics & Gynecology	KANAYAMA Naohiro
Professor, Basic Nursing	NAGATA Toshi

## School of Medicine

#### Basic Sciences, Faculty of Medicine

	Ethics	Professor	MORISHITA Naoki
	Psychology	Associate Professor	TANAKA Satoshi
	Legal	Professor	OISO Giichiro
Integrated	Mathematics	Professor	FURUYA Jun
Human	Physics	Professor	SASAKURA Hiroyuki
Sciences	Chemistry	Professor	FUJIMOTO Chuzo
	Biology	Professor	HARIYAMA Takahiko
	English	Professor	NAKAYASU Minako
	Biomedical Informatics	Professor	TANI Shigeki
	Anatomy & Neuroscience	Professor	SATO Kohji
Anatomy	Cell Biology & Anatomy	Professor	SETOU Mitsutoshi
Neurophys	iology	Professor	FUKUDA Atsuo
Medical Ph	ysiology	Professor	URANO Tetsumei
Molecular E	Biology	Professor	KITAGAWA Masatoshi
Biochemist	ry	Professor	MIURA Naoyuki
Tumor Path	nology	Professor	SUGIMURA Haruhiko
Regenerative & Infectious Pathology		Professor	IWASHITA Toshihide
Pharmacology		Professor	UMEMURA Kazuo
Infectious	Infection Control	Professor	HORII Toshinobu
Diseases	Virology & Parasitology	Professor	SUZUKI Tetsuro
Community Health & Preventive Medicine		Professor	OJIMA Toshiyuki
Legal Medicine		Professor	WATANABE Kanako

### Faculty of Nursing

	Professor	WATANABE Yasuhide
Pacie Nursing	Professor	MIURA Katsutoshi
Basic Nursing	Professor	NAGATA Toshi
	Professor	KATAYAMA Harumi
	Professor	MORI Keiko
Clinical Nursing	Professor	SATO Naomi
Clinical Nursing	Professor	TAKEDA Eriko
	Professor	YASUDA Takako
	Professor	TATSUMI Asami
Community Nursing	Professor	SUZUKI Mizue

#### Clinical Sciences, Faculty of Medicine Internal Medicine 1 Professor MIYAJIMA Hiroaki Internal Medicine 2 SUDA Takafumi Professor Internal Medicine 3 HAYASHI Hideharu Professor (Divisions of Cardiology, Hematology & Rheur MORI Norio Psychiatry Professor Surgery 1 SHIIYA Norihiko Professor Surgery 2 KONNO Hiroyuki Professor ological & Vascular Surgery NAMBA Hiroki Professor Neurosurgery Orthopedic Surgery Professor MATSUYAMA Yukihiro

Dermatology	Professor	TOKURA Yoshiki
Urology	Professor	OZONO Seiichiro
Ophthalmology	Professor	HOTTA Yoshihiro
Otorhinolaryngology/ Head & Neck Surgery	Professor	MINETA Hiroyuki
Diagnostic Radiology & Nuclear Medicine	Professor	SAKAHARA Harumi
Radiation Oncology	Professor	NAKAMURA Katsumasa
Anesthesiology & Critical Care Medicine	Professor	NAKAJIMA Yoshiki
Obstetrics & Gynecology	Professor	KANAYAMA Naohiro
Pediatrics	Professor	OGATA Tsutomu
Dentistry & Oral & Maxillofacial Surgery	Professor	KATOU Fuminori
Laboratory Medicine	Professor	MAEKAWA Masato
Clinical Pharmacology & Therapeutics	Professor	WATANABE Hiroshi
Emergency & Disaster Medicine	Professor	YOSHINO Atsuto
	A	

#### Departments by Donation

Clinical Oncology

Regional Medical Management Studies	Professor	YAMAOKA Taiji
Child & Adolescent Psychiatry	Professor	SUGIYAMA Toshiro
Medical Education	Associate Professor	IGARASHI Hiroshi
Regional Neonatal-Perinatal Medicine	Associate Professor	IIJIMA Shigeo
Obstetrics, Gynecology & Family Medicine	Professor	SUGIMURA Motoi
Family & Community Medicine	Professor	OKI Yutaka
Medićine	Professor	INOUE Machiko

Associate Professor KATSUMI Akira

## University Library Director Professor HARIYAMA Takahiko Health Administration Center

Head

Professor MIYAJIMA Hiroaki

Medical Photonics Research Center			
Head		Professor	MINOSHIMA Shinsei
Basic	Optical Imaging	Associate Professor	YAO Ikuko
Medical Photonics	Photomedical Genomics	Professor	MINOSHIMA Shinsei
Laboratory	Systems Molecular Anatomy	Professor	SETOU Mitsutoshi
Applied Medical Photonics Laboratory	Molecular Imaging	Professor	MAGATA Yasuhiro
	Innovative Medical Photonics	Professor	YAMAMOTO Seiji
	Medical Spectroscopy (Donated Fund Laboratory)	Professor	OKAZAKI Shigetoshi
Clinical Medical Photonics Laboratory	Biofunctional Imaging	Professor	OUCHI Yasuomi
	Biomedical Optics	Professor	HOSHI Yoko

Experimenta	ıl Animals	s Institute
Head	Professor W	ATANABE Hiroshi
Research Eq	uipment (	Center
Head	Professor	FUKUDA Atsuo
Center for Safe	ety & Hygi	ene Administration
Head	Exective Director	SUZUKI Osamu
Head	Encentre	
	Director	
	Director	SUZUKI Osamu
Center for M	Director	SUZUKI Osamu ste Management
Center for M	Director edical Wa Professor	SUZUKI Osamu ste Management FUJIMOTO Chuzo

Research C	Center for Child Me	ntal Development
Head	Professor	MORI Norio
	Professor	TAKEI Noriyoshi

ADMINISTRATIVE OFFICERS

# Collaboration Center for Medical InnovationHeadProfessorYAMAMOTO Seiji

Medical	Education C	enter
Head	Professor	UMEMURA Kazuo

### Project Promoting Office

Head

ITO Hifumi

### Audit Office

Head

KUROYANAGI Toshihiro

### Public Relations Office

Head

SUZUKI Atsuko

$\  \   Administration$	Bur	eau
Secretary General	Exective Director	MAEDA Hiroshi
Deputy Secretary General (for General Affairs)		HASEGAWA Atsushi
Deputy Secretary General (For Hospital)		
Deputy Secretary General (for Education & International Exchange)	Y	AMANAKA Kazuyuki
General Affairs Division	Manager	OMORI Tatsuro
Computing & Network Plannning Office	Head	OWORT Tatsuro
Research Support Division	Manager	KATSURAYAMA Masahiro
Personnel Division	Manager	OTANI Rie
Accounting Division	Manager	SAKAMOTO Kazuhiro
Facilities Division	Manager	MUKAI Kazuhito
Medical Affairs Division	Manager	MAEJIMA Koji
Hospital Management Support Division	Manager	SUZUKI Yasumasa
Student Affairs Division	Manager	OHKI Seizo
Admissions Division	Manager	OTA Masato
Academic Information Division	Manager	YOSHIOKA Aya

### University Hospital

Clinical Care Departments Heads

KONNO Hiroyuki

MIYAJIMA Hiroaki

Professor

Professor

Director

General Medicine

Internal

Medicine 1

## **Vice-Directors**

Professor

Plastic & Reconstructive Professor FUKAMIZU Hidekazu

Clinical Pharmacology Professor WATANABE Hiroshi

Pediatric Surgery Associate Professor KAWAHARA Hisayoshi

Central Clinical Facilities Heads

Professor

Professor

Professor

Professor

Professo

Professor

Associate Professor

Professor

Professor

Professor

Professor

Professor

Professor

Professor NAKAJIMA Yoshiki

Professor MIZUSHIMA Takashi

KATOU Fuminori

BABA Satoshi

MAEKAWA Masato

SAKAHARA Harumi

KONNO Hiroyuki

SHIIYA Norihiko

YOSHINO Atsuto

DOI Matsuyuki

KIMURA Michio

MINETA Hiroyuki

Professor MIZUSHIMA Takashi

KATO Akihiko

ITOH Hiroaki

OGATA Tsutomu

TAKESHITA Akihiro

BABA Satoshi

Ophthalmology Professor

Otorhinolaryngology

**Obstetrics &** 

Gynecology

Radiology

Diagnostic

Radiology

Radiation

Therapy

Anesthesiology &

Rehabilitation

Surgery

& Therapeutics

Diagnostic

Pathology

Clinical

Center

Center

Laboratories

Radiological

Central Supply

Diagnostic Pathology

Emergency Medicine

Intensive

Care Unit

Transfusion &

Cell Therapy

Informatics

Endoscopic &

Blood

Center

Photodynamic Medicine

Purification Unit

Rehabilitation

Clinical & Molecular

Genetics Center

Perinatal Center Professor

Medical

Surgical Operation

Critical Care Medicine Dentistry & Oral & Maxillofacial Surgery

for Clinical Practice & Teaching	Professor	SUDA Takafumi
for Management Reform	Professor	KANAYAMA Naohiro
for Risk Management	Professor	MATSUYAMA Yukihiro
for Patient Service		SUZUKI Mieko

Professor	HOTTA Yoshihiro	Clinical Nutrition Unit	Professor	KATO Akihiko
Professor	MINETA Hiroyuki	Chemotherapy Center	Professor	KONNO Hiroyuki
Professor	KANAYAMA Naohiro	Outpatient Clinics	Professor	OZONO Seiichiro
Professor	SAKAHARA Harumi	Medical Instruments Administrative Center	Professor	HAYASHI Hideharu
Professor	SAKAHARA Harumi	Medical Records	Professor	HOTTA Yoshihiro
Professor	NAKAMURA Katsumasa			

#### Medical Welfare Support Center

		* *								
Head	Professor	KOBAYASHI Toshihiko								
Center for Clinical Research										
Head	Professor	WATANABE Hiroshi								
Clinical Ed	lucatio	on Center								
Head	Professor	SUDA, Takafumi								
Simulation Center										
Head	Associate Professor	IGARASHI Hiroshi								
Oncology (	Center									
Head	Professor	KONNO Hiroyuki								
Intractable	Diseas	e Support Center								
Head	Professor	MIYAJIMA Hiroaki								

Woman Doctor Support Center								
Head	Professor	KANAYAMA Naohiro						
Liver Health Support & Counselling Services								

Senior Assistant KOBAYASHI Yoshimasa Head

Medical Safe Management Head Professor MATSUYAMA Yukihiro

Infection Control & Prevention Center

Head Professor MAEKAWA Masato

### Hospital Pharmacy

Professor KAWAKAMI Junichi Head

SUZUKI Mieko

Nursing

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Head
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## STAFF

Classification		President	Executive Directors	Auditors	Professors	Associate Professors	Senior Assistant Professors	Assistant Professors	Total	Clerks & Technicians	Grand Total
Administration Bureau	Male	1	4	2					7	97	104
Auministration Bureau	Female									47	47
School of Medicine	Male				47	25	2	69	143	7	150
SCHOOLOLIMEDICITIE	Female				10	11	1	23	45	4	49
University Hospital	Male				3	11	37	40	91	159	250
	Female						3	6	9	656	665
Health Administration	Male						1		1		1
Center	Female									1	1
Medical Photonics	Male				5			5	10		10
Research Center	Female				1	1		1	3		3
Experimental Animals	Male					1		1	2	2	4
Institute	Female										
Research Equipment	Male									9	9
Center	Female					1			1	4	5
Center for Medical	Male									2	2
Waste Management	Female									1	1
Research Center for Child	Male				1	3	1	4	9		9
Mental Development	Female							2	2		2
Medical Education	Male					1			1		1
Center	Female										
Intellectual Property	Male							1	1		1
Management Division	Female										
	Male	1	4	2	56	41	41	120	265	276	541
Total	Female				11	13	4	32	60	713	773
	Total	1	4	2	67	54	45	152	325	989	1,314

Classification	Senior Residents	Junior Residents	Total
Male	62	17	79
Female	44	10	5 4
Total	106	27	133
			Data on May 1, 2015



Data on May 1, 2015



## SCHOOL OF MEDICINE

## >> Faculty of Medicine

The Faculty of Medicine aims to grow physicians and medical researchers who have extensive medical knowledge, skills and well-rounded humanity. The faculty strives to contribute to the development of medicine, medical care, and to the enhancement of human health and welfare.

Based on our University's policy, many excellent clinicians, who graduated from our University, are contributing to medical treatments both in Shizuoka Prefecture and nationwide. Our graduates are also engaging in state-of-the-art research at our University. New technologies are also being adopted by the Faculty in fields such as treatments of cancers and the development of

advanced diagnostic techniques. In particular, The Photon Medical Research Center was established for the promotion of advanced studies in the field of medical photonics.

Finally, our graduates play active roles not only as clinicians, medical researchers and medical educators, but also as industrial physicians and medical welfare administrators.

## >> Faculty of Nursing

The Faculty of Nursing aims to grow talented people who play active roles in the fields of practical nursing skills, nursing research, and education locally and globally. The faculty strives to contribute to the development of the nursing science and enhancement of human health and welfare.

Students develop their scientific thinking and kind consideration for others during 4 years of student life. Graduates can continue their professional development in the Master's Program of the Graduate School of Nursing to pursue careers in nursing education and as researchers.



## Admissions and the Present Number of Students

School		1st yr.	2nd yr.	3rd yr.	4th yr.	5th yr.	6th yr.	Total
Admission Quota	Male	74	81 (3)	84 (5)	81 (4)	75 (3)	82 (2)	477 (17)
Faculty of <u>120(5)</u> Medicine Capacity	Female	43	45 (2)	43 (1)	39 (1)	47 (2)	37 (3)	254 (9)
715 (25)	Total	117	126 (5)	127 (6)	120 (5)	122 (5)	119 (5)	731 (26)
Admission Quota	Male	1	3	6 (1)	4 (1)			14 (2)
Faculty of 70(10) Nursing Capacity	Female	65	65	58 (9)	62 (8)			250 (17)
260 (20)	Total	66	68	64 (10)	66 (9)			264 (19)
The numbers in ( ) for the Faculty	of Medicine	indicate mid-c	ourse entry adr	nissions to 2nd	-year included i	n total.	Data	on May 1, 2015

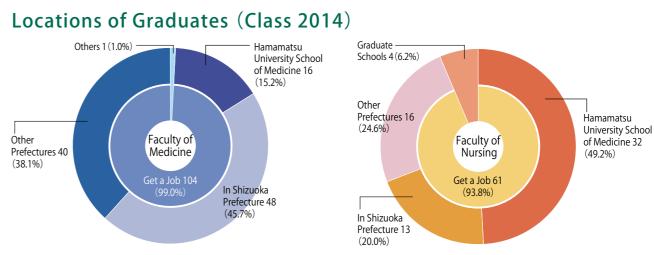
The numbers in () for the Faculty of Medicine indicate mid-course entry admissions to 2nd-year included in total. The numbers in () for the Faculty of Nursing indicate mid-course entry admissionns to 3rd-year included in total.

## **Research Students**

	2015					
Male	5					
Female	3					
Total	8					
Data on May 1, 2015						

Number of Graduates

	Faculty of Medicine								Faculty of Nursing					
Classification	1979~ 2009	2010	2011	2012	2013	2014	Total	1998~ 2009	2010	2011	2012	2013	2014	Total
Male	2,251	66	76	67	75	73	2,608	36	4	1	5	5	5	56
Female	817	31	26	26	25	32	957	788	65	67	67	61	60	1,108
Total	3,068	97	102	93	100	105	3,565	824	69	68	72	66	65	1,164



## Success Rates in the National Medical Practitioners Qualifying Examination

	New Graduates		Reexaminees			Total			National	
Classification	Applicants	Passed	Rate of Success	Applicants	Passed	Rate of Success	Applicants	Passed	Rate of Success	Ranking
105th 2011	97	94	96.9	8	6	75.0	105	100	95.2	8
106th 2012	102	100	98.0	3	3	100.0	105	103	98.1	2
107th 2013	93	87	93.5	2	1	50.0	95	88	92.6	28
108th 2014	100	99	99.0	7	6	85.7	107	105	98.1	6
109th 2015	105	105	100.0	2	1	50.0	107	106	99.1	1

## Success Rates in the National Medical Examinations for Public Health Nursing and Nursing

	Public Health Nursing					Nursing			
Classification	Applicants	Passed		Rate of Success	Classification	Applicants	Passed	:	Rate of Success
97th 2011	69	67		97.1	100th 2011	59	59		100.0
98th 2012	69	67		97.1	101st 2012	58	58		100.0
99th 2013	73	72		98.6	102nd 2013	62	62		100.0
100th 2014	66	63		95.5	103rd 2014	57	57	:	100.0
101st 2015	66	66		100.0	104th 2015	54	54		100.0

SCHOOL OF MEDICINE

## GRADUATE SCHOOL

## School of Medicine Doctoral Degree Program

This doctoral program aims to grow both basic medical researchers and clinical scientists who can take a global leadership role. By taking a broad range of classes including "advanced photo-medicine", the medical research students will acquire high-level expert knowledge and skills to perform creative research.

For their part, clinical science students will acquire the ability to apply their research mind to their own clinical practice.



## School of Nursing Master's Degree Program

This program aims to grow highly advanced nursing specialists, pedagogues, and researchers who have scientific thought, the ability to notice and solve problems, based on a fundamental capability for high-quality nursing knowledge and skills acquired previously.



The Midwifery Course was launched in 2015, replacing the 1-year Graduate Course of Midwifery. The graduates of the Midwifery Course gain a Master's degree and are qualified to take the National Midwifery Examination in Japan.

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## Admissions and the Present Number of Students

#### Doctoral Degree Program

Majo	r		1st yr.	2nd yr.	3rd yr.	4th yr.	Total
	*Admission Quota	Male				2	2
Advanced Photo Medicine	II *Capacity	Female				3 (1)	3 (1)
medicine	44	Total		_		5 (1)	5 (1)
Integrated	*Admission Quota	Male		—		2 (1)	2 (1)
Functional	5 Capacity	Female	—	—		0	0
Medicine	20	Total				2 (1)	2 (1)
	*Admission Quota	Male				9 (1)	9 (1)
Frontier Medicine	8 «Capacity	Female		—		3	3
medicine	32	Total		—		12 (1)	12 (1)
Infectious Disease	*Admission Quota	Male		—	0	2	2
Control &	6 «Capacity	Female	—	—	1	3 (1)	4 (1)
Preventive Medicine	24	Total			1	5 (1)	6 (1)
	Admission Quota	Male	31 (2)	26 (1)	24 (3)	24	105 (6)
Medicine	30 Capacity	Female	6	7	12 (1)	6	31 (1)
	120	Total	37 (2)	33 (1)	36 (4)	30	136 (7)
The numbers in ( ) indicate	those students who e	nrolled in Oct	ober included in t	otal.		Da	ata on May 1, 2015

The numbers in () indicate those students who enrolled in October included in total. \*The upper limit of places number before the fiscal year 2011.

#### Master's Degree Program

Maj	or		1st yr.	2nd yr.	Total
	Admission Quota	Male	1	7 (4)	8 (4)
Nursing	16 Capacity	Female	15	26 (13)	41 (13)
Capacity 32	32	Total	16	33 (17)	49 (17)
e number in () indicated and term Study Students included in tetal					

The number in () indicates Long-term Study Students included in total.

Data on May 1, 2015

## **Degrees Awarded**

	1983~2008	2009	2010	2011	2012	2013	2014
Ph. D. (doctoral course)	550	28	27	26	24	28	22
Ph. D. (thesis only)	463	14	8	11	9	7	5
Master of Nursing	119	9	15	23	8	11	13
Total	1,132	51	50	60	41	46	40

## **Research Students**

	2015
Male	28
Female	4
Total	32
Da	ta on May 1, 2019

Data on May 1, 2015

## Success Rates in the National Medical Examinations for Midwifery

	New Graduates				
Classification	Applicants	Passed	Rate of Succ		
95th 2012	15	15	100.0		
96th 2013	16	16	100.0		
97th 2014	16	16	100.0		
98th 2015	16	16	100.0		



GRADUATE SCHOOL

Data on May 1, 2015



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# INTERNATIONAL EXCHANGES

## Universities with Agreements for Cooperation

University (COUNTRY)	Date of Agreement Signed	Cooperation Contents
China Medical University (CHINA)	1988. 4.29	Sister School
Kyungpook National University School of Medicine (KOREA)	1992. 9. 7	Academic Exchange
Kyungpook National University College of Nursing (KOREA)	2005. 9.23	Academic Exchange
Shanghai Jiao Tong University School of Medicine (CHINA)	2000. 3.24	Academic Exchange
Faculty of Medicine, Albert-Ludwigs University of Freiburg (GERMANY)	2003. 6.30	Academic Exchange
Henan College of Traditional Chinese Medicine (CHINA)	2003.12. 8	Academic Exchange
Medical University of Bialystok (POLAND)	2004. 4.19	Academic Exchange
University of Dhaka (BANGLADESH)	2004.11.12	Academic Exchange
Shahjalal University of Science and Technology (BANGLADESH)	2004.11.12	Academic Exchange
Bangabandhu Sheikh Mujib Medical University (BANGLADESH)	2004.11.12	Academic Exchange
Guangxi Medical University (CHINA)	2004.11.21	Academic Exchange
Medical University of Warsaw (POLAND)	2010. 4. 1	Academic Exchange
Medical University of Lublin (POLAND)	2010. 4. 5	Academic Exchange
Heinrich Heine University Düsseldorf (GERMANY)	2012. 8. 9	Academic Exchange
University of Hawaii, John a. Burns School of Medicine (U.S.A.)	2012. 9. 6	Academic Exchange
Hitit University (TURKEY)	2013.12.17	Academic Exchange

Data on May 1, 2015

## **International Students**

Country	Graduate	Total	
country	Japanese Government Scholarship	Self-supported	TOTAL
China	1	6	7
Bangladesh		5	5
Vietnam	2		2
India	1		1
Total	4	11	15
		<b>D</b> (	11 1 201

Data on May 1, 2015

## International Residence

Classification	Single Type		Family Type		
Architectural Area	206m <sup>2</sup>		147 m <sup>2</sup>		
Total Building Area	554m <sup>2</sup>		567 m <sup>2</sup>		
Room Type (Area)	Single Rooms (14 m <sup>2</sup> )	20	Couple Rooms (40 m <sup>2</sup> )	б	
Koom Type (Area)	Meeting Room (19 m <sup>2</sup> )	1	Family Rooms (59 m <sup>2</sup> )	4	



International Residence

# JOINT-USE FACILITIES FOR EDUCATION AND RESEARCH

## >> Health Administration Center

### Head MIYAJIMA Hiroaki

This Center contributes to the maintenance and promotion of the health of students and the staff, and thus to the achievement of student education and various activities of the university staff. We also conduct annual medical checks and medical consultations on both physical and mental health, as well as investigations of health problems.

#### Medical Photonics Research Center **MINOSHIMA Shinsei** Head Vice-Head MAGATA Yasuhiro

The Medical Photonics Research Center was launched in 2011 by the merger of 2 previous centers, Photon Medical Research Center and Molecular Imaging Frontier Research Center. Of 8 departments in this center, the Department of Medical Spectroscopy is endowed by Hamamatsu Photonics K.K. In this center various types of medical research utilizing light or photons are ongoing. Current projects include: (i) pursuit of the mechanism of life in every layer from cells to individuals, (ii) developing new diagnostic methods and novel probes (tracers) for disease diagnosis, (iii) use of "omics" technologies to unveil the etiology of various diseases, and (iv) development of photo dynamic treatment methods for cancer therapy.

## >> Experimental Animals Institute Head WATANABE Hiroshi

The Experimental Animals Institute established in 1983 is providing researchers with subjects for animal experiments in basic medical research. The institute is also contributing to education through classes on animal experimentation and graduation-thesis research.

In addition, laboratory animal science is being promoted by developing many mutant mouse strains as animal models for human diseases using originally developed methods, and providing them to researchers.

## Research Equipment Center

### Head FUKUDA Atsuo

The Research Equipment Center directly contributes to the advancement of education and research in biomedical sciences. It consists of 16 laboratories including RI facilities and maintains the most technically advanced equipment available. The expert staff uses sophisticated techniques in the Research Equipment Center to support education and research activities in the University. Technical training in the safe handling of radioisotopes is conducted in the RI facilities.

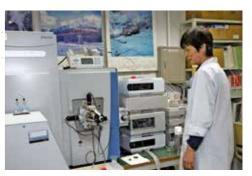
JOINT-USE FACILITIES FOR EDUCATION AND RESEARCH







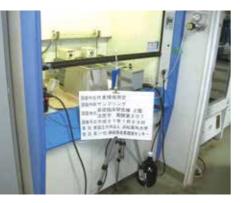




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## Center for Safety & Hygiene Administration Head SUZUKI Osamu

The Center for Safety & Hygiene Administration was founded in April 2003. The Center's primary missions are to draft plans to achieve projects concerning the University's hygiene and safety and to seek the thorough implementation of guidelines for the prevention of environmental pollution, health hazards, accidents and disasters related to the University's educational and research activities.



The important objectives are: to assess the working

environments according to the Industrial Safety and Health Law and other related rules and regulations, to promote the safety and health of workers, and to secure a safer and healthier working environment.

## Center for Medical Waste Management

#### Head FUJIMOTO Chuzo

Wastewater from the University Hospital and laboratories is delivered to the sewage treatment plant in the Center for Medical Waste Management. The sewage treatment processes include settlement in a pool, activated sludge treatment with anaerobic and aerobic bacteria, sedimentation, coagulation, and filtration with sand and activated carbon. The treated wastewater is subjected to water examination before it is discharged into the public sewer.

Waste organic solvents, waste acid and alkaline solutions, unused

chemicals, and failed apparatuses are collected at this center; the disposal of those wastes is outsourced. Moreover, lectures on effluent treatment and separation of waste are provided to both students and staff.

## Information Technology Center

#### Head TANI Shigeki

The Information Technology Center provides the information infrastructure of the university. It supports the network, email system, servers and information technology use, including the intermediation of document retrieval

Our wireless network is designed to be a convenient supplement to the wired network for general functions such as Web browsing and email. Wireless "access points" located throughout many buildings and common areas of the campus allow compatible

wireless devices to connect to the University's network with authenticated access to the Internet.

The University computer room for information processing allows interactive communication among students and teachers. The center contributes to the convenience of users through its advanced Information Infrastructure.

### Research Center for Child Mental Development Head MORI Norio

The Research Center for Child Mental Development was founded in 2006 as a joint center with the participation of Osaka University and 子どものこころを科学的に知る Hamamatsu University School of Medicine, followed by the welcomed 子どものこころを健やかに育む participation of Kanazawa University in 2008 and of University of Fukui and Chiba University in 2011. As a leading institute in the interdisciplinary research for child development, the major goals of the Center include investigation of biological, medical, and psychosocial backgrounds of abnormalities in cognitive and emotional status during childhood, and development of efficient educational and clinical intervention methods that are helpful to children with developmental disorders. It is also our mission here at the Center to educate professionals such as teachers and clinical psychologists so as to allow them to support their disabled children more sufficiently in association with the United Graduate School of Child Development, which consists of the five Universities mentioned above.

## Collaboration Center for Medical Innovation Head YAMAMOTO Seiji

The Collaboration Center for Medical Innovation was established in April 2011, as a window of one-stop service (single point of contact) for industry-academic and medical-engineering collaboration. The Center includes the PET-CT building and the cyclotron building, and manages the imaging devices including MRI, CT, and PET/SPECT/CT scanners for experimental studies, and PET/CT scanner for clinical studies in our university. The Center also works as the core facility for "Hamamatsu Medical and Engineering Technology Innovation Core (HaMTIC)" which develops a local industry-academic collaboration to produce new medical devices based on the optical and imaging technology.

## Medical Education Center

#### Head UMEMURA Kazuo

The Medical Education Center was founded in April 2012. The Center manages, organizes and implements the education systems for the medical school of Hamamatsu University School of Medicine, including curriculums and evaluation systems especially for PBL (Problem Based Learning), OSCE (Objective Structured Clinical Examination), CBT (Computer Based Testing), clinical clerkship, and general medicine. The mission of the Center is to keep our educational systems at world standard level and to improve them progressively.







## UNIVERSITY LIBRARY

## >> Library Opening Hours

Monday to Friday  $9:00 \sim 20:00$ Saturday & Sunday  $10:00 \sim 17:00$ 

24 hour access to the library is available to students and faculty members by registering their ID cards.



## Utilization

Classification		Intramural	Extramural	Total	
The NL SIL S	Regular Hours	Regular Hours 77,796		80,776	
The Number of Visitors	After Hours	37,201	479	37,680	
	Total	114,997	3,459	118,456	

Classification	Books	Journals	AV Materials
The Number of Items Borrowed	6,182	435	124

Classification	Requests Accepted	Requests Made to Outside
Copying Service	2,681	2,194

Fiscal Year 2014

## Library Collection

Classification	Japanese	English	Total
Books	59,427	31,967	91,394
Journals	1,209	1,075	2,284
AV Materials	1,2	30	1,230
eBooks	90	39	129

Data on March 31, 2015

## Books and Journals Accepted

Classification	Japanese	English	Total
Books	1,949	169	2,118
Journals	393	87	480
AV Materials	5	57	
Electronic Journals	6,9	6,955	
eBooks	10	10 4	
			Fiscal Year 2014

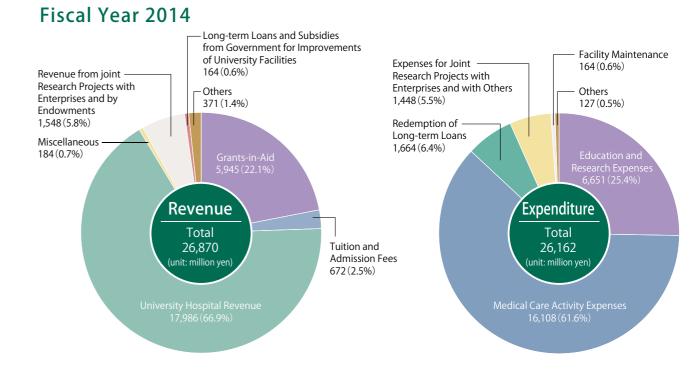


# UNIVERSITY HOSPITAL

## **Clinical Activities**

Clinical Care Departments		Inpa	atients	Outp	atients
		Total	Average per Day	Total	Average per Day
	Gastroenterology	8,957	24.5	11,037	45.2
Internal Medicine 1	Nephrology	4,463	12.2	6,105	25.0
medicine i	Neurology	3,309	9.1	3,268	13.4
	Endocrinology & Metabolism	3,067	8.4	20,992	86.0
Internal Medicine 2	Respiratology	10,644	29.2	12,094	49.6
medicine 2	Hepatology	3,598	9.9	7,497	30.7
	Cardiology	7,589	20.8	12,637	51.8
Internal Medicine 3	Hematology	10,723	29.4	8,379	34.3
incurence o	Immunology & Rheumatology	1,541	4.2	4,614	18.9
Psychiatry		13,273	36.4	19,259	78.9
Pediatrics		13,252	36.3	15,802	64.8
	Cardiovascular Surgery	6,521	17.9	2,655	10.9
Surgery 1	Thoracic Surgery	3,315	9.1	1,757	7.2
Surgery i	Breast Surgery	1,114	3.1	5,566	22.8
	General Surgery & Endoscopic Surgery	1,916	5.2	1,522	6.2
	Esophago-Gastric Surgery	4,726	12.9	5,019	20.6
Surgery 2	Colorectal Surgery	4,392	12.0	4,142	17.0
Surgery 2	Hepato-Biliary-Pancreatic Surgery	4,772	13.1	2,396	9.8
	Vascular Surgery	3,961	10.9	4,154	17.0
Neurosurgery		9,689	26.5	7,779	31.9
Orthopedic Su	ırgery	16,573	45.4	21,700	88.9
Dermatology		3,456	9.5	20,453	83.8
Urology		8,126	22.3	15,414	63.2
Ophthalmolog	ЭУ	5,680	15.6	17,701	72.5
Otorhinolaryn	gology	10,997	30.1	18,991	77.8
Obstetrics & G	ynecology	12,518	34.3	16,009	65.6
Radiology		770	2.1	6,393	26.2
Anesthesiolog	y & Critical Care Medicine	73	0.2	2,686	11.0
Dentistry & Or	al & Maxillofacial Surgery	2,797	7.7	10,998	45.1
Rehabilitation		-	-	3,875	15.9
Plastic & Reco	nstructive Surgery	5,252	14.4	5,779	23.7
Clinical Pharm	acology & Therapeutics	104	0.3	661	2.7
Pediatric Surg	ery	302	0.8	891	3.7
Emergency M	edicine	1,472	4.0	3,499	14.3
	Total	188,942	517.6	301,724	1236.6

Fiscal Year 2014



## **Research Grants**

Subject for Research	Number	Amount of Money (Unit: thousand yen)
Scientific Research on Innovative Areas	7	86,580
Scientific Research (A)	1	15,600
Scientific Research (B)	22	112,970
Scientific Research (C)	111	180,791
Challenging Exploratory Research	30	49,140
Young Scientists (S)	0	0
Young Scientists (A)	1	8,840
Young Scientists (B)	48	70,200
Research Activity Start-up	1	1,300
JSPS Fellows	2	2,990
Encouragement of Scientists	6	3,100
Total	229	531,511

Grants from Outside the University						
Classification	Number	Amount of Money (Unit: thousand yen)				
Health and Labour Sciences Research Grants	5	66,827				
Endowment	563	552,892				
Trust Research	6,797	672,320				
Joint Research	55	50,402				

	-					
Number of Clinical Lab Tests						
Test Item	Urinalysis and Other Body Fluids	Hematology	Clinical Chemistry	Pathology	Physiology	Collection of Blood and Other Body Fluids
Number	105,204	343,988	2,436,806	14,059	175,513	86,016
Test Item	Endocrinology	Immunology	Microbiology	Endoscopy	Others	Total
Number	66,658	313,273	29,686	10,472	42,326	3,624,001
			·			Fiscal Year 2014

Number of Emergency Cases						
Causes						
		Inju	ries			
Diseases		Accidents	5	Total	Pregnancy Tot	Total
	Traffic Accidents	Poisoning	Others	TOLAI		
5,841	411	82	1,163	1,656	694	8,191
					Fiso	cal Year 201

Number of Surgical Operations & Anaesthesias					
Number of Operations	Total	6,039 (Include 720 Endoscopic Surgery)			
	Total	6,039			
	General Anaesthesia	4,075			
Number of Anaesthesia	Local Anaesthesia	1,622			
	Spinal Epidural Anaesthesia	301			
	Others	41			
Fiscal Year 2014					

Number of X-Ray Examinations						
Met	hod	X-Ray Radiography	X-Ray Fluoroscopy	X-Ray CT	M R I	Total
	Inpatients	38,607	2,083	7,657	2,638	50,985
Number of Patients	Outpatients	34,805	3,787	12,877	7,114	58,583
	Total	73,412	5,870	20,534	9,752	109,568
		-			-	Fiscal Year 2014

Number of Pathological Autopsy						
	Male	Female	Total			
Deceased Patients	187	107	294			
Number Subjected to Autopsy	14	4	18			
Autopsy Rate (%)	7.5	3.7	6.1			
Autopsies Entrusted from Outside	3	1	4			

Fiscal Year 2014

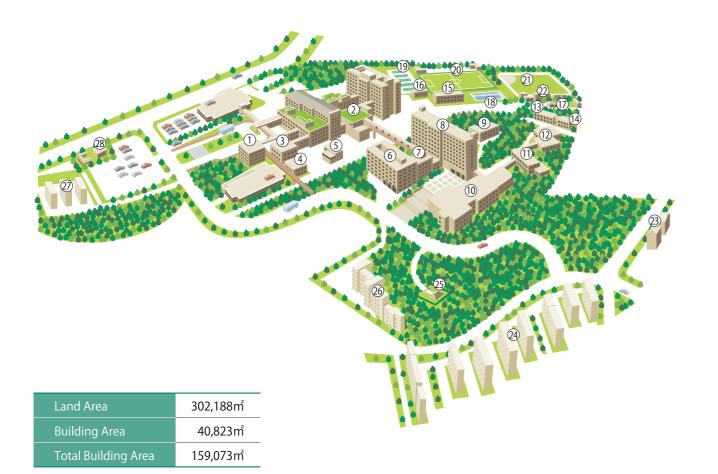


Number of Births	
Vaginal Delivery	508
Vacuum Extraction	63
Forceps Delivery	0
Scheduled Caesarean Delivery	118
Emergency Caesarean Delivery	78
Total	767
Stillbirth (included in total Number)	5
	Fiscal Year 2014

Fiscal Year 2014

Fiscal Year 2014

## CAMPUS MAP

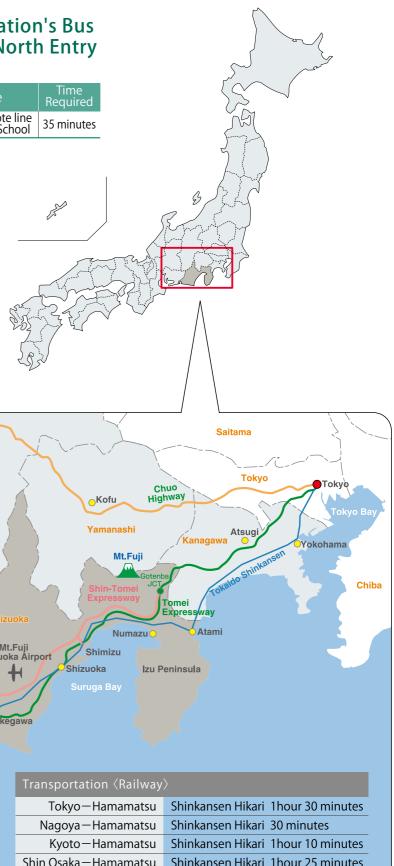


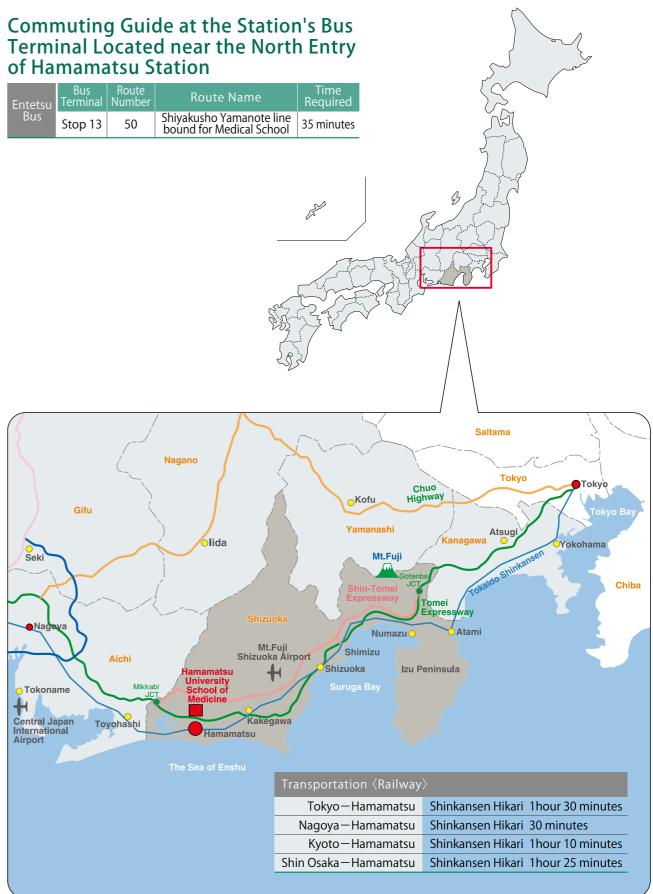
① Headquarters Building	(15) Gymnasium
(2) University Hospital	16 Martial Arts Hall
③ Clinical Lecture Building	🗊 Kyudo Ground
(4) Translational Research Center	18 Swimming Pool
$(\underline{5})$ Collaboration Center for Medical Innovation PET-CT Facilities	19 Tennis Court
⑥ Nursing Faculty Building	20 Soccer/Rugby Ground
⑦ Basic and Clinical Research Building Annex	② Baseball Ground
(8) Basic and Clinical Research Building	2 Center for Medical Waste Management
④ Experimental Animals Institute	(2) International Residence
10 Educational Building	(2) University Residence
(1) Welfare Facilities	23 Cenotaph
1 University Library	Funaokayama University Residence
(13) Medical Photonics Research Center	② Handayama University Residence
(1) Collaboration Center for Medical Innovation Cyclotron Facilities	🕲 Handayama Hall

## LOCATION MAP

Hamamatsu University School of Medicine is located approximately 10.6km north of Hamamatsu Station.

Entetsu Bus		Bus Terminal	Route Number		Time Require
	Bus	Stop 13	50	Shiyakusho Yamanote line bound for Medical School	35 minut





CAMPUS MAP

LOCATION MAP





1-20-1 Handayama, Higashi-ku, Hamamatsu, Shizuoka 431-3192 Japan Tel : +81-53-435-2111 http://www.hama-med.ac.jp/