

OUTLINE OF ACTIVITIES

Undergraduate Education

- **Setting goals for national examination pass rates**
Shiga University of Medical Science is aiming for its students to achieve a pass rate of 95% or more in the National Examination for medical practitioners, 98% or more in the National Examination for nursing practitioners, and 95% or more in the National Examination for public health nursing practitioners.
- **Implementing hands-on training in comprehensive medicine for all students**
Based on the success of education projects such as training for patient visits, the university has established hands-on training in comprehensive medicine for all students and is working to develop the abilities of students to communicate and think logically.
- **Medical student support program through local "foster parents"**
With the goal of training doctors and nurses who will be in charge of future local medical services, Shiga University of Medical Science has established an advising system for students in which people including graduates are assigned as "foster parents" and local residents as "semi-foster parents" to students from when they first enter the university.



Graduate Education

- **Cancer professional training**
Shiga University of Medical Science trains cancer specialists in the fields of radiation therapy, chemotherapy, and palliative therapy.
- **Advanced specialization training**
The university has created an Advanced Specialist Training Program for all study courses and aims for the students to obtain doctorates, becoming specialist doctors.
- **Promotion of bio-medicine**
Through a strategic partnership with Nagahama Institute of Bio-science and Technology, Shiga University of Medical Science is developing cutting-edge bio-medicine.



Promotion of Priority Research Projects

1	Medical research using monkeys	<ul style="list-style-type: none"> ● Research on regenerative medicine, induction of ES cell differentiation, and establishment of iPS cells ● Development of vaccines for new influenza strains ● Creation of disease models for such as Alzheimer's disease and ALS
2	Research on intractable neurological diseases	<ul style="list-style-type: none"> ● Research on the diagnosis and treatment of Alzheimer's disease ● Research on the causes of ALS
3	Medicine related to magnetic resonance (MR)	<ul style="list-style-type: none"> ● Research on molecular imaging using animal models ● Promotion of minimally invasive medical treatments
4	Medicine related to life-style disease	<ul style="list-style-type: none"> ● Large-scale collaborative research on the prevention of life-style related diseases ● Research on the epidemiology of arterial sclerosis ● Research on predictive health risk factors, particularly of high blood pressure and obesity

Next Generation Research Projects

- Development of robots for use within the body (JST Innovation Project, City Area Program)
- Application of nanoparticles in medicine (JST Innovation Project, City Area Program)
- Research on tumor suppressor gene (RB1CC1) (Grand-in-Aid for Scientific Research on Priority Areas)
- Research on human testicular tumors (Grand-in-Aid for Scientific Research (B))
- Research on cardiac arrhythmia by ion channel abnormalities (Grand-in-Aid from the Ministry of Health, Labor and Welfare)



Educational Activities

Research Activities

Management

Management-related Efforts

- Shiga University of Medical Science is compiling the next 6-year plan for staffing, finance and facilities in order to promote further development in education, research and treatment.

Personnel-related Efforts

- Shiga University of Medical Science implements a strict and proper staff management system.
- We implement faculty/staff evaluations, and the results of evaluations will be reflected in funding and incentives.

Evaluation-related Efforts

- We are compiling a multi-faceted evaluation plan, taking into account the results of the Corporation and Certification Evaluation System and with advice from university staff members.

NUMBER OF STUDENTS

Undergraduate Students

As of February 1, 2010

Faculty	Students	Total	Target number per year	Number of graduates
Faculty of Medicine	Male	367	93	2,075
	Female	230		
	Subtotal	597		
Transferred graduate students in the 2nd semester of the 2nd year	Male	28	17	2,807
	Female	22		
Faculty of Nursing	Male	13	60	26
	Female	251		
	Subtotal	264		
Transferred students in the 3rd year	Male	0	10	822
	Female	20		
Total		861	153	3,629

Graduate Students

As of February 1, 2010

Courses	Present numbers						Target number per year	Target total number
	Students	1st	2nd	3rd	4th	Total		
Biological Information Science	Male	1	1	0	4	6	6	24
	Female	1	1	2	1	5		
Integrated Medical Science	Male	6	1	2	2	11	7	28
	Female	2	3	4	1	10		
Regeneration and Tumor Science	Male	2	4	1	1	8	5	20
	Female	0	3	2	1	6		
Translational Research Science	Male	12	8	9	16	45	7	28
	Female	3	3	5	7	18		
Science of Lifestyle-Related Diseases	Male	1	3	5	3	12	5	20
	Female	2	1	1	4	8		
Subtotal		30	28	31	40	129	30	120
Master Program	Male	3	2	—	—	5	16	32
	Female	10	17	—	—	27		
Subtotal		13	19	—	—	32	16	32
Total		43	47	31	40	161	46	152