

Academic Year 2018  
 Graduate School of Medicine, The University of Tokyo  
 Doctorate Program of Medicine  
 List of Research Supervisors (as of April, 2017)

○ Major fields of study and faculty

- (1) Applicants will be instructed by a faculty member (a professor or an associate professor) of the major to which they applied.
- (2) Applicants must contact that faculty member before applying.
- (3) The faculty and research areas of each major field of study are shown below. Faculty members due to retire at the end of this fiscal year may not be available to teach.
- (4) Abbreviations for departments are shown below.  
 ED: Endowed Department, IMSUT: The Institute of Medical Science, IMCB: Institute of Molecular and Cellular Biosciences, RCAST: Research Center for Advanced Science and Technology, and CDBIM: Center for Disease Biology and Integrative Medicine. IRCME: International Research Center for Medical Education. IIS: Institute of Industrial Science.

Molecular Cell Biology

Major Field of Study	Faculty		Research Fields	Affiliation (Department)
Cell Biology				
Structural Biology	Professor	Masahide Kikkawa	Molecular mechanisms of flagellar and ciliary motility	Cell Biology and Anatomy
Structural Cell Biology	Associate Professor	Yoshimitsu Kanai	Embryology, molecular genetics, cell biology	Cell Biology and Anatomy
Cellular Neurobiology	Professor	Shigeo Okabe	Molecular mechanisms for the formation and maintenance of central neural networks	Cell Biology and Anatomy
	Professor	Katsuhiko Shirohige	Genome Structure and Function	IMCB – Research Center for Epigenetic Diseases
Molecular Biology	Professor	Noboru Mizushima	Molecular mechanisms and physiological functions of autophagy	Biochemistry and Molecular Biology
	Project Professor	Sumiko Watanabe	Mechanisms underlying the generation of retina from stem cells and their regeneration	IMSUT – Molecular and Developmental Biology
	Professor	Tatsuhiko Kodama	Epigenetic analysis of cancer and atherosclerosis Computer assisted drug design	RCAST – System Biology and Medicine
	Professor	Hiroyuki Aburatani	Genome science: cancer genomics and epigenomics	RCAST – Genome Science
	Professor	Toru Miyazaki	Disease biology for fundamental pathogenesis focusing on AIM	CDBIM – Molecular Biomedicine for Pathogenesis
Cellular Signaling	Professor	Hiroyuki Mano	Oncogene, molecular carcinogenesis, genomics	Biochemistry and Molecular Biology
	Associate Professor	Yoshihiro Kita	Lipid Biochemistry, Lipidomics	Life Sciences Core Facility
	Project Associate Professor	Masahiro Kawazu	Oncogene, molecular carcinogenesis, genomics	Department of Medical Genomics
	Project Associate Professor	Fuyuki Tokumasu	Membrane biophysics, Parasitology	Department of Lipidomics
	Coordinate Professor	Norihiro Kato	Medical genomics including genomics of multifactorial disease	Department of Genome informatics
	Coordinate Associate Professor	Hideo Shindo	Lipid biochemistry, Lipid biology	Department of Lipid Science

Physiological Chemistry and Metabolism	Professor	Hiroki Kurihara	Developmental and reproductive medicine, Morphogenesis and organogenesis	Biochemistry and Molecular Biology
	Professor	Juro Sakai	Epigenomics of Adipocyte, obesity, and metabolic syndrome	RCAST—Division of metabolic medicine

### Functional Biology

Major Field of Study	Faculty		Research Fields	Affiliation (Department)
Integrative Physiology	Professor	Kenichi Ohki	Neural circuits and information processing in visual cortex, two-photon calcium imaging	Physiology
Cellular and Molecular Physiology	Professor	Masanori Matsuzaki	Prefrontal cortex, decision making, motor learning, BMI	Physiology
Neurophysiology	Professor	Masanobu Kano	Synaptic transmission, functional development of neural circuits, neuronal plasticity	Physiology
Cellular and Molecular Pharmacology	Professor	Kenzo Hirose	Principles of neuronal functions, cell physiology, pharmacology, chemical biology	Pharmacology
Systems Pharmacology	Professor	Hiroki Ueda	Systems and synthetic biology of sleep-wake cycles	Pharmacology
Structural Physiology	Professor	Haruo Kasai	Cerebral synapses, two-photon excitation microscopy, imaging, learning and memory, exocytosis	CDBIM – Structural Physiology

### Pathology, Immunology and Microbiology

Major Field of Study	Faculty		Research Fields	Affiliation (Department)
Pathology and Diagnostic Pathology	Professor	Masashi Fukayama	EB virus and human carcinogenesis, pulmonary and thymic pathology, gastrointestinal pathology, diagnostic pathology	Pathology
	Associate Professor	Tetsuo Ushiku	Gastrointestinal pathology, diagnostic pathology	Pathology
	Associate Professor	Takeshi Sasaki	Breast Pathology, urological pathology, and diagnostic pathology	Pathology
	Professor	Hiroshi Suzuki	Clinical pharmacokinetics and pharmacodynamics	Pharmacy
	Professor	Yoshinori Murakami	Molecular pathological study on development and progression of cancer	IMSUT – Molecular Pathology
Molecular Pathology	Professor	Kohei Miyazono	Research on TGF-beta signaling	Pathology
	Professor	Yoichi Furukawa	Elucidation of cancer development and progression mechanisms, genome analysis	IMSUT – The Advanced Clinical Research Center
	Professor	Yuji Yamanashi	Intracellular signal transduction mechanism and molecular pathogenesis of disease caused by its collapse	IMSUT – Genetics
	Professor	Tomoki Todo	Innovative cancer therapy development using genetically-engineered viruses	IMSUT – The Advanced Clinical Research Center
	Professor	Tatsuhiro Shibata		
	Professor	Mutsuhiro Takekawa		

	Associate Professor	Daizo Koinuma	Research on signal transduction mechanism. Transcriptome analysis.	Pathology
	Associate Professor	Yasushi Ino	Oncolytic virus therapy	IMSUT- The Advanced Clinical
	Associate Professor	Beate Heissig	Research on blood and vessel formation as basis for stem cell therapy and regenerative medicine	IMSUT – Stem Cell Dynamics
	Associate Professor	Tsuneo Ikenoue	Research on molecular mechanisms associated with cancer initiation and progression	IMSUT – The Advanced Clinical Research Center
	Professor	Sai Eirin	Functional screening of oncogenes, molecular analysis of malignant transformation mechanisms	Pathology
Microbiology	Professor	Masanori Hatakeyama	Infection-associated cancers/ bacterial carcinogenesis	Microbiology
	Professor	Tetsuro Matano	Elucidation of AIDS pathogenesis and vaccine development	IMSUT – AIDS Vaccine Development
	Professor	Chieko Kai	Molecular biology and pathogenicity of paramyxoviruses	IMSUT – Laboratory Animal Research Center
	Associate Professor	Hitomi Mimuro	Molecular mechanisms, host responses and pathogenicity of mucosal pathogenic bacteria	IMSUT – International Research Center for Infectious Diseases
	Associate Professor	Misako Yoneda	Molecular biology and pathogenicity of paramyxoviruses	IMSUT – Laboratory Animal Research Center
	Associate Professor	Takeshi Ichinohe	Regulation of immune responses to influenza virus infection	IMSUT – International Research Center for Infectious Diseases
	Associate Professor	Masaki Imai		
Infection Control and Prevention	Professor	Kyoji Moriya	Mechanisms of carcinogenesis and metabolic implications of HCV infection	Infection Control and Prevention
	Professor	Yoshihiro Kawaoka	Molecular biology and pathogenicity of influenza and Ebola viruses	IMSUT – Virology
	Professor	Yasushi Kawaguchi	Research on mechanisms involved in the development of herpesviral pathogenicity	IMSUT – Molecular Virology
Immunology	Professor	Hiroshi Takayanagi	Research on pathogenesis of autoimmune diseases and osteoimmunology	Immunology
	Professor	Kensuke Miyake	Pathogen recognition mechanisms in natural immunity, Toll-like receptors	IMSUT – Infectious Genetics
	Professor	Hiroimitsu Nakauchi	Molecular mechanisms of stem cell differentiation and self-replication	IMSUT – Stem Cell Therapy
	Professor	Hiroshi Kiyono	Mucosal immunity and mucosal vaccine	IMSUT – Mucosal Immunology
	Associate Professor	Takeshi Nitta	T-cell development and repertoire selection	Immunology
	Associate Professor	Susumu Nakae	Molecular mechanism of the development of allergic diseases	IMSUT – Laboratory of Systems Biology
	Associate Professor	Makoto Otsu	Stem cell biology in transplantation medicine	IMSUT – Division of Stem Cell Processing
	Associate Professor	Tokiko Nagamura-Inoue	Immunology and regenerative medicine of cord blood and cord-derived cells	IMSUT – Department of Cell Processing and Transfusion

	Project Associate Professor	Takeshi Sato	Research on immunological phenomenon with systems biology	IMSUT – Division of Systems Immunology Research  IIS-
	Project Associate Professor	Hidemoto Yanai		
Animal Resources	Professor	Atsu Aiba	Mouse molecular genetics, molecular neurobiology	CDBIM – Animal Resources
	Associate Professor	Kazuki Nakao	Study of cryopreservation for mutant mouse strain	CDBIM – Animal Resources
	Associate Professor	Hidetoshi Kasai	Molecular genetics and development of animal models	CDBIM – Animal Resources
Neoplastic pathology	Coordinate Professor	Hitoshi Nakagama	Elucidation of carcinogenic pathways and molecular mechanisms underlying the development of cancer pathology	National Cancer Center
Molecular oncology	Coordinate Professor	Takuro Nakamura	Molecular mechanisms of carcinogenesis in hematopoietic and mesenchymal systems	The Cancer Institute of JFCR
Infection pathology	Coordinate Professor	Takaji Wakita	Elucidation of the molecular mechanisms involved in the development of bacterial/viral infections, and research and development of preventive vaccines and other preventive measures	National Institute of Infectious Diseases

#### Radiology and Biomedical Engineering

Major Field of Study	Faculty		Research Fields	Affiliation (Department)
Department of Diagnostic Radiology	Professor	Osamu Abe	Diagnostic Radiology (CT,MRI,neuroradiology)	Radiology
	Associate Professor	Akira Kunimatsu	Diagnostic Radiology (CT,MRI,small animal imaging)	Radiology
Radiation Oncology	Associate Professor	Keiichi Nakagawa	Therapeutic radiology, radiation oncology, radiotechnology, palliative medicine	Radiology
Nuclear Medicine	Associate Professor	Hidemasa Takao	Nuclear medicine (PET, SPECT, central nervous system), Radioimmunotherapy(RIT)	Radiology
System Physiology	Associate Professor	Kimiko Yamamoto	Mechanobiology, biomechanics, circulatory physiology	Biomedical Engineering
Chemical Biology and Molecular Imaging	Professor	Yasuteru Urano	Chemical biology (fluorescence-, sensitizer-, and luminescence-based probes) Molecular imaging, In vivo tumor imaging and therapy	Graduate School of Pharmaceutical
Biosystem Construction and Control				
Biomaterials and Medical devices	Professor	Takashi Azuma	Ultrasound imaging, Ultrasound therapy, Ultrasound drug delivery system	CDBIM – Biomaterials and Medical devices
	Professor	Takashi Ushida	Regenerative medical engineering, Cellular biomechanics	Graduate School of Engineering
	Associate Professor	Taichi Ito	Biomaterials, Hydrogels, Particles, Tissue engineering, Drug delivery	CDBIM – Biomaterials and Medical devices
Molecular Radiology	Professor	Kiyoshi Miyagawa	Radiobiology, oncology	CDBIM – Molecular Radiology

#### Neuroscience

Major Field of Study	Faculty		Research Fields	Affiliation (Department)
Neuropathology	Professor	Takeshi Iwatsubo	Neuropathology and molecular pathology of Alzheimer's disease and Parkinson's disease	Basic Neuroscience

Neurochemistry	Professor	Toshiya Manabe	Molecular mechanisms underlying the plasticity of central synapses and higher brain functions such as memory and emotions	IMSUT – Neuronal Network
	Professor	Haruhiko Bito	Molecular mechanisms underlying long-term memory storage and plasticity, signal transduction of neurons	Basic Neuroscience
Neurobiology	Professor	Kenzo Hirose	Principles of development of neuronal functions, cell physiology, pharmacology, chemical biology	Neurobiology
Developmental Neuroscience				
Cognitive Neuroscience				
Systems Medical Neuroscience				
Child Neuropsychiatry	Associate Professor	Yukiko Kano	Child and Adolescent Psychiatry, Developmental disorders	Integrative Medical Neuroscience
Sensory Motor Neuroscience	Professor	Tatsuya Yamasoba	Understanding of hearing disorders and development of therapies for them, hair cell regeneration, cochlear implant, music perception	Otorhinolaryngology and Head & Neck Surgery
	Associate Professor	Shinichi Iwasaki	Otology, neurotology, ear surgery, rhinology	Otorhinolaryngology and Head & Neck Surgery
Neuropsychiatry	Professor	Kiyoto Kasai	Clinical psychiatry, neuroimaging, clinical neurophysiology	Clinical Neuroscience
	Associate Professor	Chihiro Kakiuchi	Clinical psychiatry, genetics	Clinical Neuroscience
Neurology	Professor	Jun Shimizu	Clinical neurology, mechanisms of molecular pathogenesis of neurodegenerative disease, genomic medicine	Clinical Neuroscience
Neurosurgery	Professor	Nobuhito Saito	Neurosurgery, basic research on cerebrovascular disorders, research on brain tumors	Clinical Neuroscience
	Associate Professor	Hirofumi Nakatomi	Skull base surgery, research on neural stem cell	Clinical Neuroscience

### Social Medicine

Major Field of Study	Faculty		Research Fields	Affiliation (Department)
Molecular Preventive Medicine				
Public Health	Professor	Yasuki Kobayashi	Health policy and management, health care system, health services research	Occupational, Environmental and Preventive Medicine
	Associate Professor	Satoshi Toyokawa	Social epidemiology, access to healthcare, health policy	Occupational, Environmental and Preventive Medicine
Forensic Medicine	Professor	Hirotarō Iwase	Diagnosis of drug abuse using mass spectrometry Application of Computed Tomography in Forensic Medicine	Forensic Medicine
Medical Informatics	Professor	Kazuhiko Ohe	Medical bigdata analysis, Medical AI, Next-generation EHR, Standardization	Biomedical Informatics
	Associate Professor	Takeshi Imai	Medical AI, Medical bigdata analysis, Next-generation EHR, Standardization	CDBIM – Department of Biomedical Informatics
	Project Associate Professor	Kayo Waki	m-Health, self management of disease using ICT, Health data management	Department of Ubiquitous Health Informatics
Environmental Health Sciences	Project Professor	Seiichiroh Ohsako	Environmental toxicology, impacts of environmental pollutants on the next generations, endocrine disrupting chemical substances	CDBIM – Environmental Health Sciences

(Health Communication)	Professor	Takahiro Kiuchi	Health Communication, medical information network	Public Health – Health Communication
	Associate Professor	Hirono Ishikawa	Health communication, behavioral science	Public Health – Health Communication
(Clinical Information Engineering)	Professor	Hiroshi Oyama	Medical data mining/simulation/virtual reality	Public Health – Clinical Information Engineering
(Social and Preventive Epidemiology)	Professor	Satoshi Sasaki	Nutritional epidemiology, public health nutrition, social and preventive epidemiology	Public Health – Social and Preventive Epidemiology
(Mental Health)	Professor	Norito Kawakami	Public mental health; mental health epidemiology; workplace mental health; global mental health	Public Health – Mental Health
(Health and Social Behavior)	Professor	Hideki Hashimoto	Health sociology, health education and communication, social determinants of health	Public Health – Health and Social Behavior
	Associate Professor	Naoki Kondo	Social epidemiology, Social determinants of health	Public Health – Health Sociology and Health Education
(Health Promotion Science)				
(Biomedical Ethics)	Professor	Akira Akabayashi	Biomedical ethics/bioethics/medical ethics in general (using various human/social scientific methodologies), clinical ethics, research ethics, nursing ethics, health/medical administration	Public Health – Biomedical Ethics
	Associate Professor	Yoshiyuki Takimoto	Biomedical Ethics, Clinical Ethics, Clinical Ethics Consultation, Decision-making Process Model	Public Health – Biomedical Ethics
(Clinical Epidemiology and Health Economics)	Professor	Hideo Yasunaga	Clinical epidemiology, designing clinical research, large healthcare database, causal inference, health economics, health technology assessment	Public Health – Clinical Epidemiology and Health Economics
Health Services Research	Coordinate Associate Professor	Takahiro Higashi	Cancer health services research, quality of cancer care, policy research, program evaluation, survey research	National Cancer Center

### Internal Medicine

Major Field of Study	Faculty		Research Fields	Affiliation (Department)
Cardiovascular Medicine	Professor	Issei Komuro	Molecular mechanisms of cardiovascular diseases, clinical cardiology	Internal Medicine
Department of Vascular Biology				Internal Medicine
Respiratory Medicine	Professor	Takahide Nagase	Pulmonary medicine, inflammatory respiratory disease, geriatric respiratory disease	Internal Medicine
Gastroenterology	Professor	Kazuhiko Koike	Gastroenterology, hepatology, liver cancer, viral hepatitis, non-alcoholic fatty liver disease	Internal Medicine
	Associate Professor	Mitsuhiro Fujishiro	Gastrointestinal endoscopy	Department of endoscopy and endoscopic surgery
Nephrology	Professor	Masaomi Nangaku	Nephrology, renal replacement therapy, regulation of erythropoietin, oxygen biology	Internal Medicine
Endocrinology	Professor	Masaomi Nangaku	Endocrinology, hypertension, renin-angiotensin-aldosterone system	Internal Medicine
Nutrition and Metabolism	Associate Professor	Toshimasa Yamauchi	Molecular mechanism of diabetes/obesity/metabolic syndrome, clinical diabetes/metabolomics	Internal Medicine

Hematology and Oncology	Professor	Mineo Kurokawa	Mechanisms of hematopoietic tumor development, molecular biology of hematopoietic stem cells, clinical hematology/oncology	Internal Medicine
	Professor	Arinobu Tojo	Developmental hematology and pathophysiology of leukemic hematopoiesis	IMSUT – Molecular Therapy
	Professor	Keiya Ozawa	Gene therapy, cell therapy	IMSUT – The Advanced Clinical Research Center
	Professor	Fumitaka Nagamura	Oncologic drugs development and translational research	IMSUT-Advanced Medicine Promotion
	Professor	Toshio Kitamura	Hematological malignancies, Epigenetics, Hematopoietic Stem Cell	Advanced Clinical Research Center/ Center for Stem Cell Biology and Regenerative
	Associate Professor	Satoshi Takahashi	Hematopoietic stem cell transplantation, Transplant immunology, Virus-specific cellular therapy	IMSUT – Molecular Therapy
Allergy and Rheumatology	Professor	Hirotohi Tanaka	Clinical immunology and research on immune-mediated diseases	IMSUT – Rheumatology
Infectious Diseases	Professor	Kyoji Moriya	Infection control, Viral hepatitis	Internal Medicine
	Professor	Hiroshi Yotsuyanagi	Infectious disease, viral hepatitis	IMSUT – Infectious Diseases
Stress Sciences and Psychosomatic Medicine	Associate Professor	Kazuhiro Yoshiuchi	Stress sciences and psychosomatic medicine, behavioral medicine	Internal Medicine
Clinical Laboratory Medicine	Professor	Yutaka Yatomi	Laboratory medicine, thrombosis and hemostasis, bioactive lipids	Clinical Laboratory Medicine and Pathology
	Associate Professor	Hitoshi Ikeda	Laboratory medicine, hepatology, hepatic fibrosis	Clinical Laboratory Medicine and Pathology
Transfusion Medicine	Professor	Hitoshi Okazaki	Transfusion Medicine, Allergology, Respiratory Medicine	Transfusion Medicine and Immunohematology
Clinical Biotechnology	Professor	Yuichi Tei/Ung-il Chung	Skeletal biology and regenerative medicine, biomaterials science	Engineering – Bioengineering
	Associate Professor	Kanjiro Miyata	Drug delivery, Nucleic acid drugs, biomaterials	CDBIM – Clinical Biotechnology
Medical Education Studies				
Molecular Diabetology	Coordinate Professor	Masato Kasuga	Molecular diabetology, regenerative medicine for diabetes, islet transplantation	National Center for Global Health and Medicine

#### Reproductive, Developmental and Aging Sciences

Major Field of Study	Faculty		Research Fields	Affiliation (Department)
Reproductive Endocrinology	Professor	Tomoyuki Fujii	Reproductive endocrinology, reproductive immunology, perinatal endocrinology, tumor immunology	Obstetrics and Gynecology
	Associate Professor	Takeshi Nagamatsu	Reproductive endocrinology, reproductive immunology, perinatal endocrinology, tumor immunology	Obstetrics and Gynecology
Gynecological Oncology	Associate Professor	Katsutoshi Oda	Gynecologic oncology, molecular genetics, cell biology, Molecular characterization of gynecologic cancer	Obstetrics and Gynecology
Perinatal Medicine	Associate Professor	Kaori Koga	Reproductive medicine, gynecologic laparoscopic surgery, reproductive endocrinology, perinatal endocrinology	Obstetrics and Gynecology

Molecular Cellular Reproductive Medicine	Professor	Yutaka Osga	Reproductive medicine, gynecologic laparoscopic surgery, gynecologic endocrinology	Obstetrics and Gynecology
	Associate Professor	Osamu Hiraike	Reproductive medicine, gynecologic laparoscopic surgery, gynecologic endocrinology, Urogynecology	Obstetrics and Gynecology
Pediatrics	Professor	Akira Oka	Pediatrics, Pediatric Neurology	Pediatric Sciences
	Associate Professor	Junko Takita	Pediatrics, Pediatric hematology/oncology, Molecular biology of pediatric oncology	Pediatric Sciences
Developmental Pediatrics	Professor	Akira Oka	Pediatrics, Pediatric Neurology	Pediatric Sciences
	Associate Professor	Sachiko Kitanaka	Pediatric endocrinology, Pediatric diabetes, Metabolic bone disease	Pediatric Sciences
Pediatric Surgery	Associate Professor	Jun Fujishiro	Pediatric surgery in general, neonatal surgery, pediatric endoscopic surgery	Pediatric Sciences
Pediatric Oncology	Associate Professor	Junko Takita	Pediatrics, Pediatric hematology/oncology, Molecular biology of pediatric oncology	Pediatric Sciences
Geriatric Medicine	Professor	Masahiro Akishita	Gerontology, geriatric cardiology, arteriosclerosis, geriatric medications	Aging Sciences
	Associate Professor	Sumito Ogawa	Geriatric medicine, endocrinology, bone metabolism, arteriosclerosis, dementia, sarcopenia	Aging Sciences
	Associate Professor	Masato Etio	Gerontology, geriatric cardiology, arteriosclerosis, thrombosis, vascular biology, sarcopenia	Aging Sciences
Aging Research	Professor	Masahiro Akishita	Gerontology, geriatric cardiology, arteriosclerosis, geriatric medications	Aging Sciences
Health Policy for Children and Families	Coordinate Associate Professor	Rintaro Mori	Perinatal and pediatric epidemiology, research synthesis, policy science, global health	National Center for Child Health and Development

### Surgical Sciences

Major Field of Study	Faculty		Research Fields	Affiliation (Department)
Thoracic Surgery	Professor	Jun Nakajima	Respiratory surgery, thoracoscopic surgery, lungtrans plantation	Surgery
Cardiovascular Surgery	Professor	Minoru Ono	Adult cardiac surgery, heart transplantation, ventricular assist device	Surgery
	Associate Professor	Yasutaka Hirata	Pediatric cardiac surgery, heart transplantation, ventricular assist device	Surgery
Gastrointestinal Surgery	Professor	Yasuyuki Seto	Gastrointestinal surgery (esophagus/stomach)	Surgery
	Associate Professor	Sachiyo Nomura	Gastrointestinal surgery (esophagus/stomach), molecular and cellular biology, oncogenesis	Surgery
Hepatobiliary Pancreatic Surgery	Associate Professor	Kiyoshi Hasegawa	Hepatobiliary-pancreatic surgery, liver transplantation	Surgery
Urology	Associate Professor	Hiroshi Fukuhara	Urologic surgery, endoscopic surgery, gene therapy	Surgery
	Associate Professor	Tetsuya Fujimura	Urologic surgery, endoscopic surgery, female urology	Surgery
Artificial Organ and Transplantation Division	Associate Professor	Yoshihiro Sakamoto	Liver transplantation and regenerative medicine	Surgery
Surgical Oncology	Professor	Toshiaki Watanabe	Gastrointestinal surgery (large intestine), Inflammatory bowel disease	Surgery
	Associate Professor	Hiroaki Nozawa	Gastrointestinal surgery (large intestine), Inflammatory bowel disease	Surgery



	Professor	Hideaki Tahara	Tumor immunity, gene therapy, cancer immunotherapy, transplantation immunity, oncological surgery	IMSUT – Surgery and Bioengineering
	Associate Professor	Masaru Shinozaki	Gastrointestinal surgery, inflammatory bowel disease	IMSUT – Surgery
Vascular Surgery	Professor	Toshiaki Watanabe	Artificial organs, vascular surgery	Vascular surgery
Breast and Endocrine Surgery	Associate Professor	Keiichiro Tada	Breast and thyroid surgery, surgical invasion	Surgery
Dermatology	Professor	Shinichi Sato	Scleroderma, autoimmunity, B lymphocyte immunology, cell adhesion molecules	Sensory and Motor System Medicine
Plastic and Reconstructive Surgery	Associate Professor	Takuya Iida	Supermicrosurgery, Head and Neck Reconstruction, Breast Reconstruction, Limb Reconstruction	Sensory and Motor System Medicine
Oral and Maxillofacial Surgery	Professor	Tsuyoshi Takato	Oral tumor, cleft lip and palate, jaw deformity, regenerative medicine	Sensory and Motor System Medicine
	Associate Professor	Kazuto Hoshi	Oral surgery, bone and cartilage biology, regenerative medicine	Sensory and Motor System Medicine
	Associate Professor	Hideto Saijo	Cleft lip and palate, Dental implant, Jaw deformity, Regenerative medicine	Sensory and Motor System Medicine
Orthopaedic Surgery	Professor	Sakae Tanaka	Joint surgery, rheumatoid arthritis, bone metabolism	Sensory and Motor System Medicine
	Associate Professor	Taku Saito	Osteoarthritis, Cartilage metabolism, developmental biology, Stem cell biology, Regenerative medicine	Sensory and Motor System Medicine
Ophthalmology	Professor	Makoto Aihara	Glaucoma, Neurobiochemistry, Ocular Pharmacology	Sensory and Motor System Medicine
	Associate Professor	Satoshi Kato	Retinal disease, Diabetic retinopathy	Sensory and Motor System Medicine
Otorhinolaryngology and Head & Neck Surgery	Professor	Tatsuya Yamasoba	Otology, audiology, cochlear implant, neurotology, olfaction	Sensory and Motor System Medicine
	Associate Professor	Shinichi Iwasaki	Otology, neurotology, ear surgery, rhinology	Sensory and Motor System Medicine
	Associate Professor	Kenji Kondo	Olfaction, facial nerve, Otorhinolaryngology and Head & Neck Surgery	Sensory and Motor System Medicine
Rehabilitation Medicine	Professor	Nobuhiko Haga	Locomotive rehabilitation, pediatric rehabilitation, motion analysis	Sensory and Motor System Medicine
Anesthesiology	Professor	Yoshitsugu Yamada	Anesthesiology, vital care medicine, mechanical ventilation, acute lung injury, pain medicine	Vital Care Medicine
	Associate Professor	Kanji Uchida	Anesthesiology, vital care medicine, sepsis, postoperative innate immunity	Vital Care Medicine
	Associate Professor	Masahiko Sumitani	Pain Medicine, Palliative Medicine, Anesthesiology	Vital Care Medicine
Department of acute medicine	Professor	Naoto Morimura	Acute medicine (emergency and critical care medicine) disaster medicine, intensive care medicine, emergency medical service system	Vital Care Medicine
	Associate Professor	Yoichi Kitsuta	Emergency medicine, Disaster medicine, Head injury	Vital Care Medicine
Surgical Center	Professor	Hiroshi Yasuhara	Operative medicine, angiology	Surgical Center
	Associate Professor	Kazuhiko Fukatsu	Surgical nutrition and metabolism, surgical infection, shock, gut immunity	Surgical Center
Palliative Medicine				

The contents may be updated. Please refer to our website <http://www.m.u-tokyo.ac.jp/daigakuin/apply/appguidemain.html> for the latest version.

## Points to Note when Preparing the Admission Application Form (Doctoral Program of Medicine)

\* Read the Admissions Guide carefully before filling out the Application Form.

	Section	Examples/ points to note etc.
Application Form (front)	Department of your choice Field of your choice Professor of your choice	Check the attached 'List of Research Supervisors' before filling in this column.
	Curriculum Vitae	The CV should only contain details of university onwards (if you transferred to university from a junior college, etc. write the details of the college on the bottom line of the CV section). Applicants who have completed studies in a foreign country should fill in the 'Educational background in foreign countries' section.
	Employment history	If you cannot write your employment history in the space provided, write 'see attachment' and attach an A4 page outlining your entire work history. This section should only include details of full-time positions. * Resident physician experience should be listed as '(residency)', while part-time medical personnel experience should be listed as '(part-time)'.
Application Form (back)	Email	Please make sure that you provide your email address or mobile phone number so that we can contact you in the event of any problems with your application documents.
	Emergency contact	If this is the same as the 'Current address' section, place a tick (✓) in the box beside 'Same as current address'.
	Student ID/ Researcher ID/ Staff No.	This section should only be filled out by University of Tokyo students and faculty members.
	Health checkup	This section should only be filled out by University of Tokyo students and faculty members.
Photo Card  Exam Card	Department of your choice Field of your choice Professor of your choice	Check the attached 'List of Research Supervisors' before filling in this column.
	Name	The name appearing on the Photo Card II (which doubles as the backing for the Student ID card) will be used when preparing your Student ID if you are admitted, so please print legibly.
	Backing paper for attaching Form C	Remove the adhesive seal and attach Form C (Certificate of Transfer Receipt; 振込金受付証明書).
Certificate of Japanese language ability (international students only)	International students who have taken the '日本語検定試験' (Japanese Language Examination) may instead submit a copy of their test certificate.	
Title on envelope	When including a title beside the applicant's name appearing on the envelope, you should write '様'. Do not write '行' or '宛'.	

### Other important information

- Applications submitted after the application period (postmarked no later than Friday, 28 July 2017) will not be accepted under any circumstances.  
Therefore, please request any necessary school certificates etc. at the earliest possible date. If the certificate/s are not issued in time, you must contact the Graduate Student Affairs Section in advance (Tel: 03-5841-3309).
- Details of the entrance exam schedule will be provided in the 'Examinee Guidelines' posted together with the Exam Card.  
The exam times will be the same as in previous years, as listed below.  
However, the times may be subject to change so check your copy of the 'Examinee Guidelines'.
  - Specialized subject: 10:00 – 11:30 a.m.
  - Foreign language: 1:00 - 2:30 p.m.

## How to Purchase Previous Graduate School of Medicine Exams

Previous entrance exam questions for the Graduate School of Medicine can be obtained from the Tokyo Society of Medical Sciences (TSMS).

### I. List, type, and cost of previous exam questions

#### II. How to purchase

① To purchase directly from TSMS: see TSMS map and business hours below.

② For delivery by postal mail: see 'How to fill out the Payment Transfer Form' below.

### I. List of previous exam questions

Graduate School of Medicine List of previous exam questions (no minimum purchase volume)

Program/ Course	Year of Admission	Price
Doctor of Medicine	2010 – 2017	¥1,000/ year
Doctor of Health Sciences & Nursing (Exam. in Feb.)	2010 – 2016	¥300/ year
Doctor of Health Sciences & Nursing (Exam. in Aug.)	2010 – 2017	¥300/ year
Master of Medical Science	2010 – 2017	¥300/ year
Master of Health Sciences & Nursing	2017 – 2017	¥1,000/ year
Master of International Health	2010 – 2017	¥400/ year
Master of Health Sciences & Nursing (Public Health Nursing Course & Nursing Course)	2010 – 2017	¥300/ year
School of Public Health (SPH; professional degree course)	2010 – 2017	¥1,000/ year

### II. How to purchase

① To purchase directly from TSMS:

Distributor	<p>Tokyo Society of Medical Sciences: B1, Igakubu Sogo Chuo-kan, Faculty of Medicine, the University of Tokyo (see map below)</p> <p>Tel: 03-5841-3681 Fax: 03-3816-3287 Email: igakukai@m.u-tokyo.ac.jp</p> <p>Website: <a href="http://square.umin.ac.jp/igakukai/02toppage/toppage.html">http://square.umin.ac.jp/igakukai/02toppage/toppage.html</a></p>
Business hours	<p>10:00 a.m. - 12:00 p.m. and 12:30 p.m. - 5:00 p.m. on weekdays (except when the library is closed)</p> <p>* The office may be closed on Saturdays, Sundays and Holidays.</p> <p>Please confirm it is open before visiting.</p>



