

AY 2022  
Entrance Examination Guideline for the  
Application Guide  
for Doctoral Program

令和 4（2022）年度医学博士課程学生募集要項  
入学試験案内

- Points to Note when Preparing the Admission Application Form  
（入学願書作成時の注意事項について）
- List of Supervisors  
（指導教員一覧）
- Regarding Foreign Language Examination  
（医学博士課程入試の外国語（英語）について）

東京大学大学院医学系研究科  
Graduate School of Medicine  
The University of Tokyo

## 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.
	Name	Fill in your name in both フリガナ (in Japanese phonetic writing) and 英字氏名 (in English). Regarding your name in English, write down your name in accord with the name in your passport.
	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	This section should only be filled out by University of Tokyo students.
Photo 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.
	Exam Card	Name
	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

- Regarding the envelope marked "Exam Card Enclosed" (*jyukenyō zaichū*; 受験票在中) in the application documents, when you live outside Japan, make sure to enclose enough IRC, International Reply Coupon, by referring to Japan Post website so that your Exam Card shall arrive. (Japan Post [https://www.post.japanpost.jp/index\\_en.html](https://www.post.japanpost.jp/index_en.html)).
- Applications submitted after the application period 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 (E-mail: [in@m.u-tokyo.ac.jp](mailto:in@m.u-tokyo.ac.jp)).
- 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.

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

### 2. Regarding the eligibility

- Please make sure to read the eligibility criteria in the application guidelines carefully, and check whether you fulfill the eligibility or need to undergo an eligibility review.
- Eligibility (7) will not be adapted and if a persons who have engaged or are expected in research for 2 years or more at a university or a research institute by March 31, 2021 as a student. For example, a research that was conducted as a student in a master's program etc. will not be included in this provision and will be regarded as eligibility (8).
- If you have any unclear points, please feel free to contact us at 'in@m.u-tokyo.ac.jp'.

## AY 2022 List of Research Supervisors (as of April 1 , 2021)

School of Medicine

○ 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, IQB: Institute for Quantitative 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. RIKEN: Institute of Physical and Chemical Research

### Molecular Cell Biology

Major Field of Study	Faculty		Research Fields	Affiliation (Department)
Cell Biology	Professor	Yasushi Okada	Physical Biology of the Cell, Live Cell Imaging	Cell Biology and Anatomy
Structural Biology	Professor	Masahide Kikkawa	Molecular mechanisms of flagellar and ciliary motility	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	IQB—Laboratory of Genome Structure and Function
	Associate Professor	Teruhiro Okuyama	Behavioral Neuroscience, Social neuroscience, Autism spectrum disorder (ASD)	IQB—, Research Center for Cellular Dynamics
	Associate Professor	Takashi Sutani	Structure and function of nuclear DNA, Bioinformatics	IQB—Laboratory of Genome Structure and Function
Molecular Biology	Professor	Noboru Mizushima	Molecular mechanisms and physiological roles of autophagy	Biochemistry and Molecular Biology
	Professor	Shinya Kuroda	Systems Biology, Trans(Multi)-Omics, Metabolic homeostasis and diseases	Graduate School of Science, Department of Biological Sciences
	Professor	Takashi Okada	Gene and cell therapy, Virus vectors, Molecular pathogenesis of neuromuscular disorders	IMSUT—Molecular and Medical Genetics
	Professor	Makoto Nakanishi	Molecular biology of aging, Replication of non-genomic codes	IMSUT—Cancer Cell Biology
	Project Associate Professor	Chieko Saito	Three-dimensional and ultrastructural analysis of intracellular dynamics by correlative light and electron microscopy	Biochemistry and Molecular Biology
Cellular Signaling	Professor	Makoto Murakami	Biology of lipid metabolism in health science	Biochemistry and Molecular Biology
	Project Professor	Yoshiya Oda	Proteomics, Metabolomics, Analytical Chemistry	Department of Lipidomics
	Associate Professor	Yoshihiro Kita	Lipid Biochemistry, Lipidomics	Life Sciences Core Facility

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
	Professor	Youichiro Wada	Chromatin dynamics, vascular biology, development of nuclear medicine	Isotope Science Center
	Project Associate Professor	Genta Nagae	Genome, epigenome, Molecular oncology, Nucleic acid modifications analysis ( added on May 26)	RCAST – Genome Science and Medicine
Advanced Structural Studies	Professor	Danev Radostin Stoyanov	Structural studies of membrane proteins by electron cryo-microscopy	
Molecular Biomedicine for Pathogenesis	Professor	Toru Miyazaki	Disease biology for fundamental pathogenesis focusing on AIM	CDBIM – Molecular Biomedicine for Pathogenesis
	Associate Professor	Satoko Arai	Disease biology through the structural study of AIM	
Genome informatics	Coordinate Professor	Norihiro Kato	Medical genomics including genomics of multifactorial disease	Department of Genome informatics
Medical Lipid Science	Coordinate Associate Professor	Hideo Shindou	Lipid biochemistry, Lipid biology, Relationship between Cellular membrane diversity and function	Department of Medical Lipid Science
Cancer Cellular Signaling	Coordinate Professor	Hiroyuki Mano	Molecular oncology, Oncogene, Cancer genomics	Department of Cancer Cellular Signaling

#### 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, neural 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
Brain Functional Dynamics	Coordinate Professor	Hiroyuki Kamiguchi	Elucidating the mechanisms of development and pathology of the nervous system from lipid signaling	Department of Brain Functional Dynamic

#### Pathology, Immunology and Microbiology

Major Field of Study	Faculty		Research Fields	Affiliation (Department)
Pathology and Diagnostic Pathology	Professor	Tetsuo Ushiku	Gastrointestinal pathology, 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	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	Tatsuhiko Shibata	Genomic understanding of human disease	IMSUT-The Human Genome Center
	Professor	Mutsuhiro Takekawa	Regulatory mechanisms of cellular signaling pathways and their abnormalities in diseases	IMSUT – Cell Signaling & Molecular Medicine
	Professor	Yasuhiro Yamada	Dissecting epigenetic regulation in mammalian development and diseases	IMSUT – Center for Experimental Medicine and Systems Biology
	Project Professor	Hideaki Tahara	Development of cancer therapy using immunological regulation and molecular engineering	IMSUT – Project Division of Cancer Biomolecular Therapy
	Associate Professor	Daizo Koinuma	Research on signal transduction mechanism. Transcriptome analysis.	Pathology
	Associate Professor	Tsuneo Ikenoue	Research on molecular mechanisms associated with cancer initiation and progression	IMSUT – The Advanced Clinical Research Center
	Associate Professor	Shogo Ehata	Research on tumor pathology, Mouse models of cancer metastasis	IMSUT – Project Division of Cancer Biomolecular Therapy
	Project Associate Professor	Hiroaki Uchida	Development of cancer therapy using immunological regulation and molecular engineering	Pathology
Surgical pathology	Professor	Hideki Taniguchi	Regenerative medicine and transplantation surgery	IMSUT – Regenerative Medicine
Microbiology	Professor	Tetsuro Matano	Elucidation of AIDS pathogenesis and vaccine development	IMSUT – AIDS Vaccine Development
	Associate Professor	Takeshi Ichinohe	Regulation of immune responses to influenza virus infection	IMSUT – International Research Center for Infectious Diseases

Infection Control and Prevention	Professor	Kyoji Moriya	Mechanisms of carcinogenesis and metabolic implications of HCV infection	Infection Control and Prevention
	Professor	Yasushi Kawaguchi	Research on mechanisms involved in the development of herpesviral pathogenicity	IMSUT – Molecular Virology
	Associate Professor	Kei Sato	Systems virology and experimental virology	IMSUT – Systems 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	Atsushi Iwama	Epigenetics of hematopoietic stem cells and hematopoietic malignancies	IMSUT – Stem Cell and Molecular Medicine
	Professor	Ken Ishii	Basic and clinical studies of vaccine	IMSUT – Vaccine Science
	Professor	Reiko Shinkura	Interaction of mucosal IgA and gut microbiota, Mechanism of immunoglobulin diversification	IQB – Immunology and Infection Control
	Professor	Taku Okazaki	Molecular and cellular biology of autoimmunity and cancer immunity	IQB – Molecular Immunology
	Professor	Cevayir Coban	Host-pathogen interactions	IMSUT – Division of Malaria Immunology
	Associate Professor	Takeshi Nitta	T-cell development and repertoire selection	Immunology
	Associate Professor	Shin-ichiro Saitoh	Molecular mechanism of the development of allergic diseases	IMSUT – Infectious Genetics
	Associate Professor	Tokiko Nagamura-Inoue	Immunology and regenerative medicine of cord blood and cord-derived cells	IMSUT – Cell Processing and Transfusion
	Associate Professor	Il-mi Okazaki	Molecular and cellular biology of autoimmunity and cancer immunity	IQB – Molecular Immunology
	Project Associate Professor	Kazuo Okamoto	Study on interplay between skeletal and immune systems	Immunology
	Project Associate Professor	Hideyuki Yanai	Molecular mechanism of inflammation, immunity, and oncogenesis	RCAST- Immunology and Inflammatory disease control
Animal Resources	Professor	Atsu Aiba	Mouse molecular genetics, molecular neurobiology	CDBIM – Animal Resources
	Associate Professor	Hidetoshi Kassai	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)
Diagnostic Radiology	Professor	Osamu Abe	Diagnostic Radiology (CT, MRI, neuroradiology)	Radiology
Radiation Oncology	Associate Professor	Hideomi Yamashita	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 Sciences
	Associate Professor	Mako Kamiya	Chemical probes, Live-cell and in vivo tumor imaging	Biomedical Engineering
Biosystem Construction and Control				
Integrative Genomics	Professor	Katsutoshi Oda	Genome analysis, Oncology, Molecular targeted therapy	Biomedical Engineering
	Associate Professor	Aya Ushiku	Genome analysis, Oncology, Pathology	Biomedical Engineering
	Project Associate Professor	Hidenori Kage	Cancer Genomic Medicine, Oncology, Pulmonary Medicine	Next Generation Precision Medicine
Biomaterials and Medical devices	Professor	Taichi Ito	Biomaterials, Hydrogels, Particles, Tissue engineering, Drug delivery	CDBIM – Biomaterials and Medical devices
	Associate Professor	Kanako Harada	Biomedical devices, Surgical robots, Surgical skill assessment	CDBIM – Biomaterials and Medical devices
Molecular Radiology	Professor	Kiyoshi Miyagawa	Radiobiology, oncology	CDBIM – Molecular Radiology
	Associate Professor	Noriko Hosoya	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
Developmental Neuroscience				
Cognitive Neuroscience				
Systems 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	Kenji Kondo	Rhinology, olfaction, facial nerve	Otorhinolaryngology and Head & Neck Surgery
Neuropsychiatry	Professor	Kiyoto Kasai	Clinical psychiatry, neuroimaging, clinical neurophysiology	Clinical Neuroscience



	Associate Professor	Seiichiro Jinde	Clinical psychiatry, molecular biology	Clinical Neuroscience
Neurology	Professor	Tatsushi Toda	Clinical neurology, molecular pathogenesis and therapy for neurological diseases, medical genetics	Clinical Neuroscience
	Associate Professor	Wataru Satake	Neurology, Parkinson's disease, Neurodegenerative disease, Neurogenomics	Clinical Neuroscience
Neurosurgery	Professor	Nobuhito Saito	Neurosurgery, basic research on cerebrovascular disorders, research on brain tumors	Clinical Neuroscience
Child Neuropsychiatry	Associate Professor	Yukiko Kano	Child and Adolescent Psychiatry, Developmental disorders	Integrative Medical Neuroscience
Biomedical Neural Dynamics	Coordinate Professor	Masanori Murayama	Toward understanding circuit mechanisms of somatosensory perception and memory consolidation	Nerve dynamics of Medical Science

### Social Medicine

Major Field of Study	Faculty		Research Fields	Affiliation (Department)
Preventive Medicine	Professor	Shumpei Ishikawa	Preventive medicine, genomics, bioinformatics, machine learning	Occupational, Environmental and Preventive Medicine
	Associate Professor	Hiroto Kato	Molecular preventive medicine, immunogenomics, molecular biology	
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	
Forensic Medicine	Professor	Hirotarō Iwase	Forensic pathology, Forensic toxicology	Forensic Medicine
	Associate Professor	Yohsuke Makino	Forensic radiology, Forensic pathology	
Medical Informatics	Professor	Kazuhiko Ohe	Medical bigdata analysis, Medical AI, Next-generation EHR, Healthcare information, Standardization	Biomedical Informatics
	Associate Professor	Takeshi Imai	Medical AI, Medical bigdata analysis, Standardization	CDBIM –Department of Biomedical Informatics
	Associate Professor	Kayo Waki	m-Health, self management of disease using ICT, Health data management	Biomedical Informatics
	Project Associate Professor	Yoshimasa Kawazoe	Medical AI, Natural Language Processing in Healthcare, Genome Informatics	Department of Artificial Intelligence in Healthcare
Microenvironmental and Metabolic Health Sciences	Professor	Makoto Murakami	Biology of lipid metabolism in health science	CDBIM – Microenvironmental and Metabolic Health Sciences
	Associate Professor	Seiichiroh Ohsako	Environmental toxicology, impacts of environmental pollutants on the next generations, endocrine disrupting chemical substances	
(Health Communication)	Professor	Takahiro Kiuchi	Health Communication, medical information network	Public Health – Health Communication
	Associate Professor	Tsuyoshi Okuhara	Health Communication, medical information network	
(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 Associate Professor	Norito Kawakami Daisuke Nishi	Public mental health, mental health epidemiology, workplace mental health, Internet-based cognitive behavioral therapy, perinatal 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
(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 Professor	Takahiro Higashi	Health services research in cancer control and care, quality of cancer care, policy research, program evaluation, survey research	National Cancer Center
Cancer Epidemiology	Coordinate Professor	Manami Inoue	Descriptive epidemiology, analytic epidemiology (cohort and case-control studies, pooled analysis), evidence-based risk evaluation (systematic review and meta-analysis), attributable causes of cancer, cancer prevention research	National Cancer Center
Cancer Communication	Coordinate Associate Professor	Tomoko Takayama	Cancer information service, cancer communication 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	Associate Professor	Nobutake Yamamichi	Gastroenterology, Gastrointestinal endoscopy	Preventive Medicine Center
	Associate Professor	Yosuke Nakai	Gastroenterology, Gastrointestinal endoscopy	Department of endoscopy and surgery
Nephrology	Professor	Masaomi Nangaku	Nephrology, renal replacement therapy, regulation of erythropoietin, oxygen biology	Internal Medicine
	Associate Professor	Tetsuhiro Tanaka	Nephrology, renal replacement therapy	Internal Medicine
	Project Professor	Reiko Inagi	Renal fibrosis, Organelle stress, Renal lipid metabolism	Department of Pathophysiology of chronic kidney disease
Endocrinology	Professor	Masaomi Nangaku	Endocrinology, hypertension, renin-angiotensin-aldosterone system	Internal Medicine
	Associate Professor	Noriko Makita	Endocrinology, hypertension	Internal Medicine
Metabolism and nutrition	Professor	Toshimasa Yamauchi	Diabetes, metabolism and nutrition, genomics and epigenomics of diabetes, exercise · sportology	Internal Medicine
	Associate Professor	Hironori Waki	Diabetes, metabolism and nutrition, obesity, epigenetics	Internal Medicine
Hematology and Oncology	Professor	Mineo Kurokawa	Hematopoietic malignancies, hematopoietic stem cells, clinical hematology/oncology	Internal Medicine
	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
	Professor	Susumu Goyama	Hematopoietic Malignancies, Molecular Oncology	Graduate School of Frontier Sciences
	Project Professor	Satoshi Takahashi	Hematopoietic stem cell transplantation, Transplant immunology, Virus-specific cellular therapy	IMSUT – Molecular Therapy
	Associate Professor	Yoichi Imai	Elucidation of development mechanism of hematological malignancies	IMSUT – Hospital, Department of Hematology and Oncology
Allergy and Rheumatology	Professor	Keishi Fujio	Clinical immunology, immunopathogenesis of autoimmune diseases	Internal Medicine
	Associate Professor	Motohisa Yamamoto	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 diseases, viral hepatitis	IMSUT – Infectious Diseases
	Associate Professor	Takeya Tsutsumi	Infectious diseases, viral hepatitis	IMSUT – Infectious Diseases
	Associate Professor	Shu Okugawa	Infectious diseases, bacterial infection	Internal Medicine
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	Makoto Kurano	Laboratory medicine, bioactive lipids, mass spectrometry	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	Hironori Hojo	Skeletal biology and regenerative medicine, biomaterials science	CDBIM – Clinical Biotechnology
Medical Education Studies	Professor	Masato Eto	Medical Education, Medical Simulation	IRCME
	Professor	Takashi Moritoyo	Regulatory Science, Clinical Pharmacology, Neurology	Clinical Research Support Promotion Center

#### Reproductive, Developmental and Aging Sciences

Major Field of Study	Faculty		Research Fields	Affiliation (Department)
Reproductive Endocrinology	Associate Professor	Takeshi Nagamatsu	Reproductive endocrinology, reproductive immunology, perinatal endocrinology, tumor immunology	Obstetrics and Gynecology
Gynecological Oncology	Associate Professor	Yasushi Hirota	Gynecologic oncology, reproductive medicine, gynecologic laparoscopic surgery, gynecologic endocrinology	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 Osuga	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
	Associate Professor	Miyuki Harada	Reproductive medicine, gynecologic laparoscopic surgery, gynecologic endocrinology	Obstetrics and Gynecology
Pediatrics	Professor	Motohiro Kato	Pediatrics, Pediatric Hematology/Oncology, Genomic medicine	Pediatric Sciences
	Associate Professor	Yutaka Harita	Pediatrics, Pediatric Nephrology	Pediatric Sciences
Developmental Pediatrics	Professor	Naoto Takahashi	Pediatrics, Neonatology	Pediatric Sciences
Pediatric Surgery	Professor	Jun Fujishiro	General pediatric surgery , neonatal surgery, pediatric endoscopic surgery	Pediatric Sciences
Pediatric Oncology	Professor	Motohiro Kato	Pediatrics, Pediatric Hematology/Oncology, Genomic medicine	Pediatric Sciences
Geriatric Medicine	Professor	Masahiro Akishita	Geriatric medicine, geriatric cardiology, arteriosclerosis, geriatric pharmacy	Aging Sciences
	Associate Professor	Sumito Ogawa	Geriatric medicine, endocrinology, bone metabolism, arteriosclerosis, dementia, sarcopenia	Aging Sciences
	Professor	Masato Eto	Geriatric medicine, geriatric cardiology, arteriosclerosis, thrombosis, vascular biology, sarcopenia	Aging Sciences
Aging Research	Professor	Masahiro Akishita	Geriatric medicine, geriatric cardiology, arteriosclerosis, geriatric pharmacy	Aging Sciences
Medical Science for Life and Aging	Coordinate Professor	Satoshi Inoue	Aging Science and Medicine, endocrinology, metabolism, molecular oncology	Tokyo Metropolitan Institute of Gerontology

### Surgical Sciences

Major Field of Study	Faculty		Research Fields	Affiliation (Department)
Thoracic Surgery	Professor	Jun Nakajima	Respiratory surgery, thoracoscopic surgery, Lung transplantation	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	Professor	Kiyoshi Hasegawa	Hepatobiliary-pancreatic surgery	Surgery
	Associate Professor	Junichi Arita	Hepatobiliary-pancreatic surgery	Surgery
Urology	Professor	Haruki Kume	Urologic surgery, endoscopic surgery, robotic surgery, renal failure	Surgery
Artificial Organ and Transplantation	Professor	Kiyoshi Hasegawa	Liver transplantation, tissue transplantation	Surgery
Surgical Oncology	Professor	Soichiro Ishihara	Gastrointestinal surgery (large intestine), Inflammatory bowel disease	Surgery
	Professor	Dai Shida	Gastrointestinal surgery (large intestine)	IMSUT – Surgery
	Associate Professor	Hiroaki Nozawa	Gastrointestinal surgery (large intestine), Inflammatory bowel disease	Surgery
Vascular Surgery	Associate Professor	Katsuyuki Hoshina	Vascular surgery	Surgery
Breast and Endocrine Surgery	Associate Professor	Masahiko Tanabe	Breast and endocrine surgery	Surgery

Dermatology	Professor	Shinichi Sato	Scleroderma, autoimmunity, B lymphocyte immunology, cell adhesion molecules	Sensory and Motor System Medicine
Plastic and Reconstructive Surgery	Professor	Mutsumi Okazaki	Facial Paralysis, Microsurgery, Wounds Healing	Sensory and Motor System Medicine
	Associate Professor	Takuya Iida	Supermicrosurgery, Head and Neck Reconstruction, Breast Reconstruction, Limb Reconstruction	Sensory and Motor System Medicine
Oral and Maxillofacial Surgery	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, Osteoporosis, Bone and cartilage biology, Stem cell biology, Regenerative medicine	Sensory and Motor System Medicine
	Associate Professor	Yasushi Oshima	Spinal disorders, Osteoporosis, Biomechanics, Pain	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
	Associate Professor	Megumi Honjo	Glaucoma, Neurobiochemistry, Ocular Pharmacology	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	Kenji Kondo	Olfaction, facial nerve, Otorhinolaryngology and Head & Neck Surgery	Sensory and Motor System Medicine
Rehabilitation Medicine	Associate Professor	Toru Ogata	Locomotive rehabilitation, Neurobiochemistry, Disability Science	Sensory and Motor System Medicine
Anesthesiology	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	Associate Professor	Kent Doi	Acute medicine (Emergency and Critical Care Medicine) Intensive Care Medicine, Sepsis, multiple organ failure	Vital Care Medicine
Surgical Center	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.

Notice Regarding Foreign Language (English) Examinations for Entrance  
to the Doctoral Program

Foreign language (English) written examination is not administered by the University of Tokyo to applicants for the Doctoral Program, Graduate School of Medicine, the University of Tokyo. In lieu of those examinations, applicants are required to submit an official report of their TOEFL scores as below. As written in the NOTES, TOEFL score submission may be exempted. Those who wish to be exempted from submitting scores should contact administrative staff via email as specified (in@m.u-tokyo.ac.jp).

1	Acceptable TOEFL Score	TOEFL-iBT、 TOEFL iBT® Home Edition、 TOEFL ITP® Plus for China solution、 TOEFL-PBT
2	Period of Validity	A score of the TOEFL test taken after October 1, 2019.
3	Submission Methods (1) “Test Taker Score Report(Examinee Score Report)”	Together with the other application documents, submit following documents: - A copy of the “Test Taker Score Report” that was sent to the examinee by ETS. - A screen copy of application result of “Institutional Score Report” that shows the application date for ETS
4	Submission Methods (2) “Institutional Score Report”	Please make a request to the ETS to forward an “Institutional Score Report” to “the University of Tokyo Faculty Medicine”: DI (Designated Institution) Code “8426”.  - When making the request, do not use “University of Tokyo” or another DI code for the other graduate schools of The University of Tokyo. - For details, please refer to the TOEFL website <a href="http://www.cieej.or.jp/toefl/">http://www.cieej.or.jp/toefl/</a> .
5	Cautions	Please note that in the situations described below, reports of TOEFL scores will NOT be accepted. In those situations, it will be assumed that the applicant has chosen not to take the foreign language (English) examination.  (1) The scores and the dates of the examination on the copy of the “Test Taker Score Report” are not identical with those on the “Institutional Score Report”. (2) The official score is not from a test administered during the time period prescribed in #2 above (Period of Validity). (3) Scores are submitted by methods other than those described in #1 and #2 above, or scores are submitted by illicit means.

NOTES

1. Those who have nationalities other than Japanese and meet the following conditions may be exempted from submitting English scores, so please consult with the administrative staff via email by the end of June 2021.
  - Completed or are expected to complete the 18 years of school education in English, in the countries listed below.

- Australia
- Canada
- Ireland
- New Zealand
- United Kingdom
- United States

If your country isn't included in the list above, please submit document(s) to prove that you had all your 18 years of school education in English.

- The curriculum of the each institute in your education history is positioned as a formal school education in the country.
- The final course of your education history is medicine, dentistry, pharmacy or veterinary medicine.

2.If you have a specific reason for not being able to submit the TOEFL score by any methods above, please contact the administrative staff via email by the end of June 2021.

Graduate Student Affairs Section  
Graduate School of Medicine, The University of Tokyo  
Email: [in@m.u-tokyo.ac.jp](mailto:in@m.u-tokyo.ac.jp)

## 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

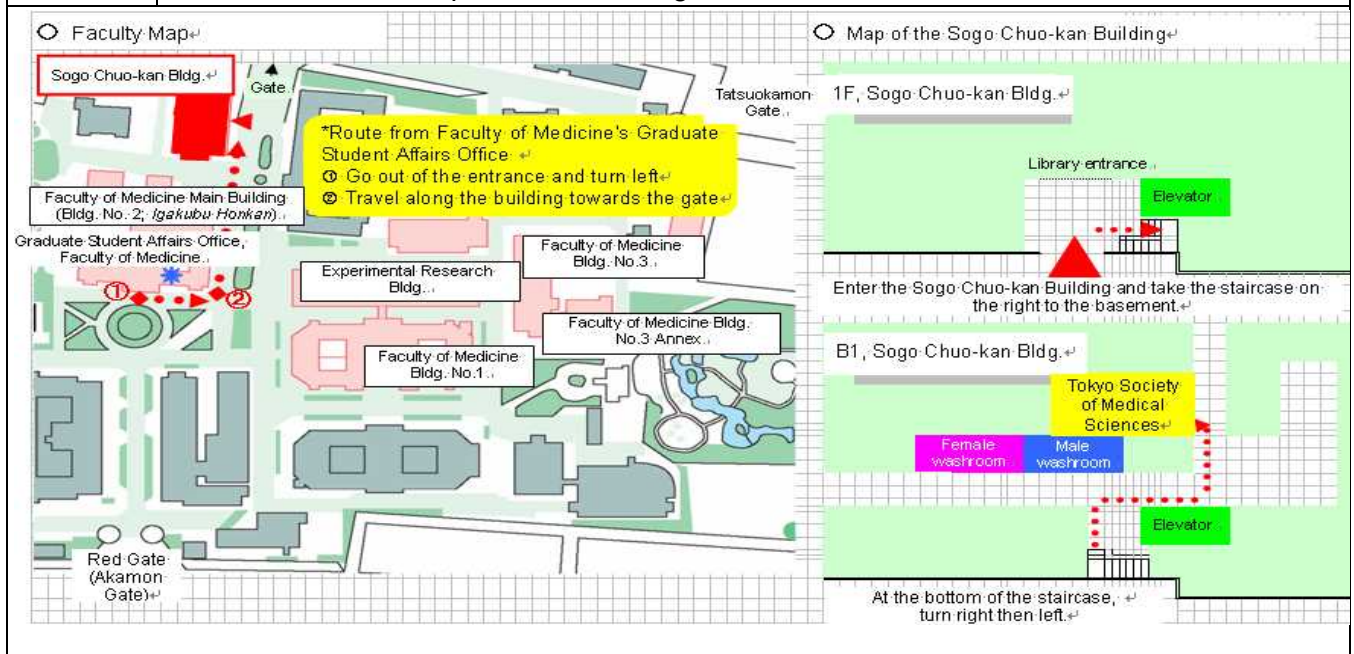
Graduate School of Medicine List of previous exam questions (no minimum purchase volume)

Program/ Course	Year of Admission	Price
Doctor of Medicine	2013 – 2020	¥1,100/ year
Doctor of Health Sciences & Nursing (Exam. in Feb.)	2013 – 2020	¥330/ year
Doctor of Health Sciences & Nursing (Exam. in Aug.)	2012 , 2014, 2017	¥330/ year
Master of Medical Science	2014 – 2021	¥330/ year
Master of Health Sciences & Nursing	2013 – 2020	¥1,100/ year
Master of International Health	2013 – 2020	¥440/ year
Master of Health Sciences & Nursing (Public Health Nursing Course & Nursing Course)	2013 – 2020	¥330/ year
School of Public Health (SPH; professional degree course)	2013 – 2020	¥1,100/ 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: <a href="mailto:igakukai@m.u-tokyo.ac.jp">igakukai@m.u-tokyo.ac.jp</a></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. – 4 : 45 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>





② For delivery by postal mail (payment by postal transfer):

1. Fill out and submit a Payment Transfer Form (払込取扱票; *haraikomi toriatsukaihyo*) at the post office (see below) to transfer the required payment.
2. The exam question booklets will be mailed to you upon receipt of the payment.

How to fill out the Payment Transfer Form	
Account Number	00150-2-639261
Subscriber	Transcription Department, Tokyo Society of Medical Science
Transfer Amount	<p>Enter the total of ① and ②.</p> <p>① Question booklet fee                      *See the 'Price' column in 'I. List of previous exam questions' on the previous page.</p> <p style="text-align: center;">+</p> <p>② Postage: ¥550 (includes handling fee)                      *For overseas orders, the postage fee is ¥3,000.</p>
Correspondence column	<p>Be sure to enter the 'Program/Course', 'Year of Admission' and e-mail address in the correspondence column.</p> <p>Example (1) of how to fill in the correspondence column:</p> <p style="padding-left: 40px;">Doctor of Medicine: 2013 -2020    ¥8,800 (¥1,100 x 8 years' worth of exam questions)</p> <p style="padding-left: 40px;">Postage (including handling)                      ¥550    Total ¥9,350</p> <p>Example (2) of how to fill in the correspondence column:</p> <p style="padding-left: 40px;">Master of Medical Science: 2014 -2018    ¥1,650 (¥330 x 5 years' worth)</p> <p style="padding-left: 40px;">Master of Health Sciences &amp; Nursing: 2016 -2018    ¥3,300 (¥1,100 x 3 years' worth)</p> <p style="padding-left: 40px;">Postage (including handling)                      ¥550    Total ¥5,500</p>
Points to note	<ul style="list-style-type: none"> <li>- Please retain your payment slip (i.e., certificate of receipt; 受領証; <i>uketorisho</i>) until the delivery arrives.</li> <li>- Please make a note in the correspondence column if the person making the transfer is not the intended recipient of the exam question booklets.</li> <li>- For overseas orders, the postage fee is ¥3,000 (includes handling).</li> </ul>
Others	<p>Pease address any queries to the following address:</p> <p style="padding-left: 40px;">Tokyo Society of Medical Sciences Faculty of Medicine, the University of Tokyo, 7-3-1 Hongo, Bunkyo-ku, Tokyo 113-0033</p> <p style="padding-left: 40px;">Tel: 03-5841-3681    Fax: 03-3816-3287    E-mail: <a href="mailto:igakukai@m.u-tokyo.ac.jp">igakukai@m.u-tokyo.ac.jp</a> Website: <a href="http://square.umin.ac.jp/igakukai/02toppage/toppage.html">http://square.umin.ac.jp/igakukai/02toppage/toppage.html</a></p>

For queries regarding the Graduate School of Medicine's entrance examination, contact:

Graduate Student Affairs, Faculty of Medicine, the University of Tokyo

Tel: 03-5841-3309 (9:00 a.m. - 5:00 p.m. weekdays)

Email: [in@m.u-tokyo.ac.jp](mailto:in@m.u-tokyo.ac.jp)

Website: <http://www.m.u-tokyo.ac.jp/daigakuin/apply/appguidemain.html>

(Graduate school entrance exam information)

# THE UNIVERSITY OF TOKYO (Graduate Schools) How to make a Payment of Examination Fee by Credit Card

24 hours a day, 365 days a year, you can pay anytime! Easy, Convenient and Simple!

You can make a payment with your Credit Card



Web Application -- Credit Card Transaction

Access

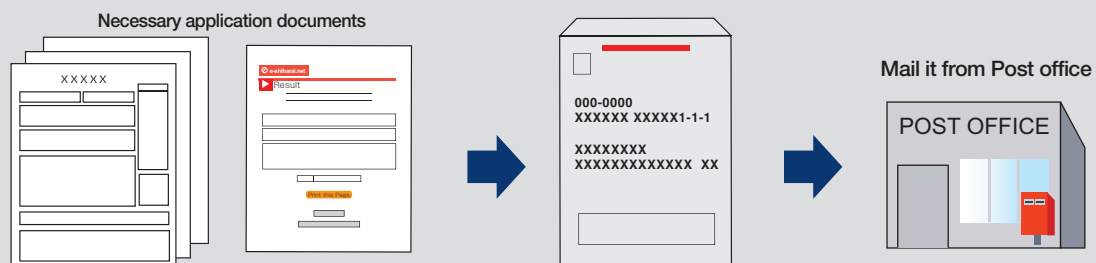
<https://e-shiharai.net/english/>



You can access from our website too!

- |  |  |
|--|--|
| <b>1. Top Page</b>   | Click "Examination Fee".   |
| <b>2. Terms of Use and Personal Information Management</b> | Please read the Terms of use and Personal Information Management.<br>Click "Agree" button located in the lower part of this page if you agree with these terms.<br>Click "Not agree" button located in lower part of this page if you do not agree with these terms. |
| <b>3. School Selection</b>                                 | Click "The University of Tokyo (Graduate Schools)".  |
| <b>4. School Information</b>                               | Read the information carefully and click "Next".   |
| <b>5. Category Selection</b>                               | Choose First to Fourth Selection and add to Basket.  |
| <b>6. Basket Contents</b>                                  | Check the contents and if it is OK, click "Next".  |
| <b>7. Basic Information</b>                                | Input the applicant's basic information.<br>Choose your credit card and click "Next".  |
| <b>8. Credit Card Information</b>                          | Input Credit Card Number (15 or 16-digits), Security Code and Expiration date.   |
| <b>9. Application Result</b>                               | All of your application information is displayed. Check and Click "Confirm".   |
| <b>10. Credit Card Payment Completed</b>                   | Click "Print this page" button and print out "Result" page.  |

Enclose the printed "Result" page in an application envelope with other necessary application documents.



Application

## [NOTICE/FAQ]

- During payment periods and application periods mentioned in the application documents, you can make a payment anytime. Please confirm from application documents and complete payment in time for the application period.
- On the last date of the payment period, please finish card settlement procedure by 11:00pm Japan time.
- A fee is added to Examination fee. For further info, please visit our website.
- Please note that refund is not possible once you have made a payment of Entrance examination fee.
- It is possible to use a card which carries a name different from that of the applicant. However, please make sure that the information on the basic information page is the applicant's information.
- If you did not print out "Result" page, you can check it later on Application Result page. Please enter "Receipt Number" and "Birth Date" to redisplay.
- Please directly contact the credit card company if your card is not accepted.

For questions or problems not mentioned here, please contact :

**E-Service Support Center Tel : +81-3-5952-9052 (24 hours everyday)**