

AY 2023
Entrance Examination Guideline for the
Application Guide
for Doctoral Program

令和 5（2023）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
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- 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.
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.

Other important information

- 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@gs.mail.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.

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, 2023 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@gs.mail.u-tokyo.ac.jp'.

AY 2023 List of Research Supervisors (as of May 1 , 2022)

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	Makoto Murakami	Biology of lipid metabolism in health science	CDBIM – Microenvironmental and Metabolic Health Sciences
	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
Genome Informatics	Professor	Yukinori Okada	large-scale genomics, statistical genetics, bioinformatics	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	RCAST – Genome Science and Medicine
Advanced Structural Studies	Professor	Danev Radostin Stoyanov	Structural studies of membrane proteins by electron cryo-microscopy	Cell Biology and Anatomy
Molecular Biomedicine for Pathogenesis	Associate Professor	Satoko Arai	Disease biology through the structural study of AIM	CDBIM – Molecular Biomedicine for Pathogenesis
Biomedical Chemistry	Professor	Tomoyoshi Nozaki	Membrane traffic, phagocytosis, trogocytosis, and pathogenesis of infectious diseases	International Biomedical Sciences
Clinical 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				
Brain Functional Dynamics	Coordinate Professor	Hiroyuki Kamiguchi	Principles of neuronal network formation, axon guidance, lipid neurobiology	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	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	Tatsuhiro 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
	Professor	Emi Nishimura	Stem cell aging study for tissue regeneration	IMSUT – Aging and Regeneration
	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
	Project Associate Professor	Hiroaki Uchida	Development of cancer therapy using immunological regulation and molecular engineering	IMSUT – Project Division of Cancer Biomolecular Therapy
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	Yasushi Kawaguchi	Research on mechanisms involved in the development of herpesviral pathogenicity	IMSUT – Molecular Virology
	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
Applied Pathology	Distinguished University Professor	Kohei Miyazono	Research on TGF-beta signaling	
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				
Molecular oncology	Coordinate Professor	Toru Hirota	Mechanisms of chromosome instability in cancer cells	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
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	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
	Associate Professor	Akinori Kashio	Otology, audiology, cochlear implant	Otorhinolaryngology and Head & Neck Surgery
Neuropsychiatry	Professor	Kiyoto Kasai	Clinical psychiatry, neuroimaging, clinical neurophysiology	Clinical Neuroscience
	Associate Professor	Seichiro 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	Biomedical Neural Dynamics

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 Katoh	Molecular preventive medicine, immunogenomics, molecular biology	
Public Health	Professor	Takahiro Higashi	Health services research, health policy and management, quality of care, survey research	Public Health - Health Policy, National Cancer Center

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, behavior change	
(Clinical Information Engineering)	Professor	Hiroshi Oyama	Medical data mining/simulation/virtual reality	Public Health – Clinical Information Engineering
(Social and Preventive Epidemiology)				
(Mental Health)	Professor	Daisuke Nishi	Public mental health, Mental Health Epidemiology, Perinatal Mental Health, Traumatic stress, Resilience	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				

Respiratory Medicine	Professor	Takahide Nagase	Pulmonary medicine, inflammatory respiratory disease, geriatric respiratory disease	Internal Medicine
Gastroenterology	Professor	Mitsuhiro Fujishiro	Gastroenterology, Gastrointestinal endoscopy	Internal Medicine
	Professor	Narikazu Boku	Gastroenterology, Gastrointestinal oncology	IMSUT – Oncology and General Medicine
	Associate Professor	Nobutake Yamamichi	Gastroenterology, Gastrointestinal endoscopy, Preventive medicine, Molecular oncology	Preventive Medicine Center
	Associate Professor	Yosuke Nakai	Gastroenterology, Gastrointestinal endoscopy, Pancreatitis/pancreatic cancer	Department of endoscopy and surgery
Nephrology	Professor	Masaomi Nangaku	Nephrology, renal replacement therapy, regulation of erythropoietin, oxygen biology	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
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	Susumu Goyama	Hematopoietic Malignancies, Molecular Oncology	Graduate School of Frontier Sciences
	Professor	Yasuhiro Nanya	Hematopoietic Malignancies, Genomic Oncology	IMSUT-Hematopoietic Disease Control
	Project Professor	Satoshi Takahashi	Hematopoietic stem cell transplantation, Transplant immunology, Virus-specific cellular therapy	IMSUT – Molecular Therapy
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	Hiroshi Yotsuyanagi	Infectious diseases, viral hepatitis, HIV infection	IMSUT – Infectious Diseases
	Associate Professor	Takeya Tsutsumi	Infectious diseases, viral hepatitis, HIV infection	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
Molecular Diabetology	Professor	Kohjiro Ueki	Homeostatic control by responses to feeding and fasting, Development of novel therapeutic strategies for diabetes	National Center for Global Health and Medicine

Reproductive, Developmental and Aging Science

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 Hiraie	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
	Associate Professor	Hikoro Matsui	Pediatrics, Pediatric intensive care, Fetal Cardiology	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 Science

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	Shimpei Miyamoto	Microsurgery, 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
	Associate Professor	Masashi Shiiba	Oral surgery, Oral tumor, Temporomandibular disease, Dental infection	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	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
	Associate Professor	Akinori Kashio	Othology, audiology, cochlear implant	Sensory and Motor System Medicine
	Associate Professor	Rumi Ueha	Logopedics, Swallowing and dysphagia, Tracheoesophagology, Olfactory Disorder	Sensory and Motor System Medicine
Rehabilitation Medicine	Professo	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

Emergency and Critical Care Medicine	Professor	Kent Doi	Emergency and Critical 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 in Medicine

※This is the entrance examination information for admission in April 2023.

The University of Tokyo does not administer a separate test of English proficiency to applicants for the Doctoral Program in Medicine, Graduate School of Medicine. However, because the Doctoral Program in Medicine seeks to train students who are willing and able to act as international leaders in all fields of medicine, proficiency in English is important and expected to exceed a TOEFL-iBT score of 60 upon admission to the program. Applicants with a TOEFL-iBT score lower than 60 at the time of application are eligible to apply to the program and take the examination.

All applicants must submit official TOEFL score reports, as described below, unless they are exempt, as detailed in the NOTES section, below. Those who believe they are exempt from submitting a TOEFL score report should contact us by email at in.m@gs.mail.u-tokyo.ac.jp.

1.	Valid TOEFL Scores	TOEFL-iBT, TOEFL iBT® Home Edition, TOEFL ITP® Plus for China solution, TOEFL-PBT
2.	Period of Validity	TOEFL scores for tests taken on or after October 1, 2020 are valid.
3.	Submission Process (Step 1): Test Taker Score Report (Examinee Score Report)	Together with the other application documents, please submit the following documents: <ul style="list-style-type: none"> ✓ A copy of the Test Taker Score Report sent to the examinee by Educational Testing Service (ETS) ✓ A screen copy of the application result for the Institutional Score Report that shows the date of the application to ETS
4.	Submission Process (Step 2): Institutional Score Report	Please request ETS to forward the Institutional Score Report to <u>The University of Tokyo Faculty of Medicine</u> (Designated Institution [DI] Code 8426). <ul style="list-style-type: none"> ✓ When making the request, do not use “The University of Tokyo” or the DI code for other graduate schools of the University of Tokyo. ✓ Because it may take a couple of months after the Institutional Score Report is requested from ETS for it to reach the Graduate School of Medicine from abroad, please make the request to ETS as early as possible. If multiple Institutional Score Reports arrive at the Graduate Students Affairs Section, the score that is identical to the Test Taker Score Report will be accepted. ✓ For details, please refer to the TOEFL website at https://www.ets.org/jp/toefl/.
5.	Cautions	Please note that TOEFL scores will NOT be accepted in the situations described below. In such situations, the applicant will be assumed not to have taken the foreign language (English) examination. <ul style="list-style-type: none"> (1) The Institutional Score Report from ETS is not received. (2) The examination dates and scores noted on the Test Taker Score Report are not identical to those on the Institutional Score Report.

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| | | (3) The official score is from a test administered before October 1, 2020. |
| | | (4) Scores are submitted by methods other than those described in #1 and #2 above or by unauthorized means. |

NOTES

- (1) You may be exempted from submitting an English score if you are a non-Japanese national and have completed or are expected to complete an 18-year school education (primary, secondary, and tertiary education) in which the final field of study is medicine, dentistry, pharmacy, or veterinary medicine in a country in which the primary language of instruction is English. All educational institutions attended must be accredited educational institutions in that country.
If you believe you qualify for this exemption, please notify us by email at in@m.u-tokyo.ac.jp by June 30, 2022.
- (2) If for some reason you cannot submit any of the score reports described above, email us by June 30, 2022 at in.m@gs.mail.u-tokyo.ac.jp to explain your situation.

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

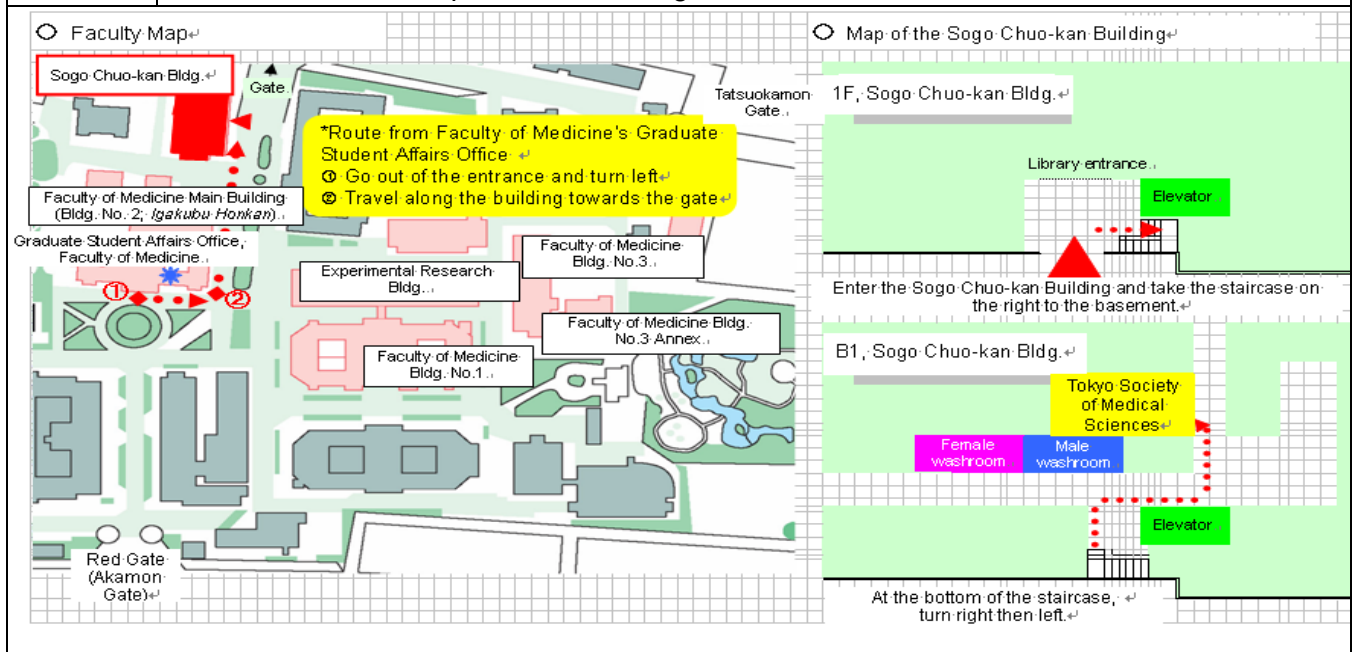
Graduate School of Medicine List of previous exam questions (no minimum purchase volume)

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.)	2010 – 2012 , 2014, 2017	¥330/ year
Master of Medical Science	2015 – 2022	¥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)	2014 – 2020, 2022	¥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: igakukai@m.u-tokyo.ac.jp</p> <p>Website: http://square.umin.ac.jp/igakukai/02toppage/toppage.html</p>
Business hours	<p>10:00 a.m. - 12:00 p.m. and 12:30 p.m. – 4 : 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>



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> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">① Question booklet fee</td> <td style="width: 50%; vertical-align: top;">*See the 'Price' column in 'I. List of previous exam questions' on the previous page.</td> </tr> <tr> <td style="text-align: center;">+</td> <td></td> </tr> <tr> <td>② Postage: ¥550 (includes handling fee)</td> <td style="vertical-align: top;">*For overseas orders, the postage fee is ¥3,000.</td> </tr> </table>	① Question booklet fee	*See the 'Price' column in 'I. List of previous exam questions' on the previous page.	+		② Postage: ¥550 (includes handling fee)	*For overseas orders, the postage fee is ¥3,000.									
① Question booklet fee	*See the 'Price' column in 'I. List of previous exam questions' on the previous page.															
+																
② Postage: ¥550 (includes handling fee)	*For overseas orders, the postage fee is ¥3,000.															
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> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">Doctor of Medicine: 2013 -2020</td> <td style="width: 30%;">¥8,800 (¥1,100 x 8 years' worth of exam questions)</td> <td style="width: 30%;"></td> </tr> <tr> <td>Postage (including handling)</td> <td>¥550</td> <td>Total ¥9,350</td> </tr> </table> <p>Example (2) of how to fill in the correspondence column:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">Master of Medical Science: 2014 -2018</td> <td style="width: 30%;">¥1,650 (¥330 x 5 years' worth)</td> <td style="width: 30%;"></td> </tr> <tr> <td>Master of Health Sciences & Nursing: 2016 -2018</td> <td>¥3,300 (¥1,100 x 3 years' worth)</td> <td></td> </tr> <tr> <td>Postage (including handling)</td> <td>¥550</td> <td>Total ¥5,500</td> </tr> </table>	Doctor of Medicine: 2013 -2020	¥8,800 (¥1,100 x 8 years' worth of exam questions)		Postage (including handling)	¥550	Total ¥9,350	Master of Medical Science: 2014 -2018	¥1,650 (¥330 x 5 years' worth)		Master of Health Sciences & Nursing: 2016 -2018	¥3,300 (¥1,100 x 3 years' worth)		Postage (including handling)	¥550	Total ¥5,500
Doctor of Medicine: 2013 -2020	¥8,800 (¥1,100 x 8 years' worth of exam questions)															
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Master of Medical Science: 2014 -2018	¥1,650 (¥330 x 5 years' worth)															
Master of Health Sciences & Nursing: 2016 -2018	¥3,300 (¥1,100 x 3 years' worth)															
Postage (including handling)	¥550	Total ¥5,500														
Points to note	<ul style="list-style-type: none"> - Please retain your payment slip (i.e., certificate of receipt; 受領証; <i>uketorisho</i>) until the delivery arrives. - Please make a note in the correspondence column if the person making the transfer is not the intended recipient of the exam question booklets. - For overseas orders, the postage fee is ¥3,000 (includes handling). 															
Others	<p>Pease address any queries to the following address:</p> <p style="padding-left: 20px;">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: 20px;">Tel: 03-5841-3681 Fax: 03-3816-3287 E-mail: igakukai@m.u-tokyo.ac.jp</p> <p style="padding-left: 20px;">Website: http://square.umin.ac.jp/igakukai/02toppage/toppage.html</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@gs.mail.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

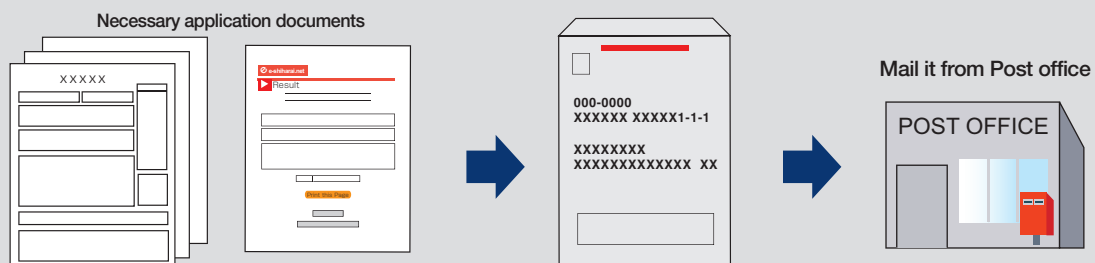
<https://e-shiharai.net/english/>



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