

AY2026 List of Academic Supervisors  
Graduate School of Medicine, The University of Tokyo

Doctoral Program (3 years)

P.2- Health Sciences and Nursing

P.4- School of International Health

P.6- Doctoral Program in Medicine (4 years)

## Doctoral Program in Health Sciences and Nursing

As of 2025 June

○ 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) 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.

Major Field of Study	Faculty		Research Fields	Affiliation (Department)
Nursing Administration	Professor	Mari Ikeda (concurrent)	Nursing administration, Nursing Quality Assessment and Policy Evaluation	Preventive and Administrative Nursing
Advanced Clinical Nursing	Professor	Mari Ikeda (concurrent)	Function and roles of nursing, expertise in nursing skills	Preventive and Administrative Nursing
Gerontological Home Care and Long-term care Nursing (GHLN)	Professor	Noriko Yamamoto-Mitani	Gerontological nursing (homecare, long-term care), quality assurance of long-term care/homecare, dementia-friendly community, community care system development	Clinical Nursing
	Associate Professor	Maiko Noguchi		
Palliative Care Nursing	Professor	Noriko Yamamoto-Mitani (concurrent)	End-of-life care of older persons, practice-based nursing knowledge development	Clinical Nursing
	Associate Professor	Maiko Noguchi		
Community Health Nursing/Public Health Nursing	Associate Professor	Kyoko Yoshioka-Maeda	Community health nursing/Public health nursing, community healthcare system development, policy/program development, tacit knowledge of public health nurses, Assessment and prevention measures of developmental dysplasia of the hip	Preventive and Administrative Nursing
Public Health Nursing	Associate Professor	Kyoko Yoshioka-Maeda		
Family Nursing	Professor	Mari Ikeda	Family nursing /child nursing in general, development of family assessment and family nursing-style approach, mental health during family formation, family QOL, transitional support for patients with childhood-onset chronic diseases, prevention of abuse, and gender and nursing	Preventive and Administrative Nursing
Psychiatric Nursing	Associate Professor	Yuki Miyamoto	Psychiatric nursing, social rehabilitation, recovery, and co-production ※Non-regular (research) students are not acceptable	Clinical Nursing
	Professor	Daisuke Nishi (concurrent)	Mental health epidemiology, perinatal mental health, traumatic stress, resilience ※Non-regular (research) students are not acceptable	School of Public Health
Gerontological Nursing	Professor	Gojiro Nakagami	Gerontological nursing; and nursing skills specific to the older population (pressure ulcers, lower extremity ulcers, malnutrition, and deglutition disorder incontinence)	Clinical Nursing
Wound Care Management	Professor	Gojiro Nakagami (concurrent)	Wound healing, wound prevention/management nursing techniques, bioengineering nursing for wound care management, and holistic wound care	Clinical Nursing
Midwifery and Women's Health	Professor	Megumi Haruna	Life and health during pregnancy and puerperium, improvement of care at delivery based on physiological rationale, and health issues concerning women's life cycles	Clinical Nursing
Nursing Data Science	Project Professor	Kenshi Hayashida	Data Science, Database Research,	

	Project Associate Professor	Ai Tomotaki	Real-world Data, Medical Informatics/Nursing Informatics, Healthcare Management/Health Economics, Evidence-based Policy Making/Evidence-Informed Policy Making, Evidence-based Healthcare	Social Cooperation Program
Next Generation Wound Care Development	Project Associate Professor	Yuko Mugita	Development of innovative next-generation wound care to promote healing of hard-to-heal wounds; integrated studies of bioengineering nursing, materials science, molecular biology, bioinformatics, and clinical engineering	Social Cooperation Program
Radiation Health Sciences			No applications accepted for this year	
Biomedical Ethics	Professor	Eisuke Nakazawa	Biomedical ethics, clinical ethics, clinical ethics consultation, and decision-making process	Health Sciences
Biostatistics	Professor	Yutaka Matsuyama	Biostatistics, Design and analysis of medical study, and Methodology of clinical trials	Health Sciences
Epidemiology and Preventive Health Science	Professor	Yutaka Matsuyama (concurrent)	Epidemiology, Design and analysis of epidemiologic study, and Theoretical epidemiology	Health Sciences
Health and Social Behavior	Professor	Hideki Hashimoto	Research related to the social model of health and social determinants of health, including health economics, health sociology, community psychology, and exercise epidemiology in the community field.	Health Sciences
Health Education and Health Sociology	Associate Professor	Masamitsu Kamada	Physical activity epidemiology, behavior change interventions and policies, and social marketing	Health Sciences
Mental Health	Professor	Daisuke Nishi	Mental Health Epidemiology, Perinatal Mental Health, Traumatic stress, Resilience ※Non-regular (research) students are not acceptable	Health Sciences
Public Mental Health Policy	Coordinate Associate Professor	Sousei Yamaguchi	Community mental health services research, Evaluation of social and employment services for people with disabilities, Complex intervention research	Health Science
Social and Preventive Epidemiology	Professor	Kentaro Murakami	Nutritional epidemiology, behavioral nutrition, public health nutrition	Health Sciences
Nutritional Epidemiology and Behavioural Nutrition	Project Professor	Hitomi Okubo	Life-course nutritional epidemiology, preconception nutrition, oral function and nutrition, and development of dietary assessment methods	Social Cooperation Program
Health Informatics	Professor	Kayo Waki	Medical knowledge base, hospital information systems, and electronic medical records	Clinical Information Engineering (Public Health)

The contents may be updated. Please refer to our website for the latest version.

<https://www.m.u-tokyo.ac.jp/english/daigakuin/apply/ryugaku.html>

## Doctoral Program in School of International Health

As of 2025 February

(1) Applicants will be instructed by a faculty member (a professor or an associate professor) of the major to which they applied.

(2) 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.

Major Field of Study	Faculty		Research Fields	Affiliation (Department)
Community and Global Health		Under the process of selection		International Social Medicine
Global Health Policy	Professor	Masahiro Hashizume	Climate change and health, environmental epidemiology, planetary health	International Social Medicine
	Associate Professor	Chris Fook Sheng Ng	Environmental health data science, statistical modeling of health risks associated with environmental exposures to climate and air quality factors	
Human Genetics	Professor	Akihiro Fujimoto	Human genetics, population genetics, cancer genomics, human evolution	International Biomedical Science
	Associate Professor	Motoko Unoki	Molecular Biology, Cell Biology, Biochemistry: Molecular pathogenesis of diseases with epigenetic changes, cross-disciplinary research to elucidate the mechanisms between epigenetics and DNA repair system	
Developmental Medical Sciences	Professor	Moi Meng Ling	Tropical and emerging virus, immunology, epidemiology, field research, vaccine and therapeutics	International Biomedical Science
	Associate Professor	Satoshi Taniguchi	Research into diagnosis, prevention, and treatment of emerging and reemerging infectious diseases. Development of animal models for infectious diseases	
Human Ecology	Professor	Masahiro Umezaki	The roles of gut microbiota in nutritional adaptation and the evolution of human populations, mitigation of the health impacts of aging and depopulation at community/national scales. behavioral and nutritional adaptation of human populations in Asia and Oceania, medical anthropology	International Biomedical Science
	Associate Professor	Shoko Konishi	Health impact assessment of exposure to heavy metals, air pollution, unhealthy urban structures, and ecosystem degradation; Biological and behavioral explanations of low fertility and fecundity during the post-demographic transition period	

Biomedical Chemistry	Professor	Tomoyoshi Nozaki	Biochemistry, molecular biology, molecular parasitology: metabolic control mechanisms, parasitic phenomena, analysis of infection and adaptation, design and development of antiinfective drugs	International Biomedical Sciences
	Associate Professor	Yoh-ichi Watanabe	Analysis and application of RNA and RNA-binding proteins, analysis and application of extremophiles	
International Epidemiology				
Global Environmental Health	Associate Professor	Yoonhee Kim	Environmental epidemiology, health risk assessment of climate change and variability and/or air pollution	International Social Medicine
International Cooperation for Medical Education	Professor	Masahiro Hashizume (Head of the Department)	Medical education, health professional education, learner assessment, programme evaluation, clinical education, clinical reasoning, international cooperation in health professional education	IRCME – International Cooperation for Medical Education
	Lecturer	Hiroataka Onishi		

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**Doctoral Program in Medicine**  
**AY 2026 List of Research Supervisors (as of June 2025)**

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) 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.
- (3) 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, Single-molecule measurement	Cell Biology and Anatomy
Structural Biology	Professor	Masahide Kikkawa	Cell biology of epithelium using cryo-electron tomography	Cell Biology and Anatomy
	Associate Professor	Naoki Horikoshi	Molecular mechanisms of chromatin organization	IQB- Laboratory of Chromatin Structure and Function
	Project Associate Professor	Chieko Saito	Intracellular structural analysis by three-dimensional correlative light and electron microscopy	Laboratory for Cryo Electron Microscopy
Cellular Neurobiology	Professor	Katsuhiko Shirohige	Genome Structure and Function	IQB—Laboratory of Genome Structure and Function
	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
	Associate Professor	Ryuichiro Nakato	Data-driven computational genomics, 3D genome structure, Single-cell analysis	IQB — Laboratory of Computational Genomics
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
	Associate Professor	Ikuko Honda	Autophagy, Intracellular organelle dynamics, fluorescence microscopy, CLEM	Biochemistry and Molecular Biology
	Project Associate Professor	Genta Nagae	Genome, epigenome, Molecular oncology, Nucleic acid modifications analysis	RCAST – Genome Science and Medicine
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	Makoto Murakami	Biology of lipid metabolism in health science	CDBIM – Microenvironmental and Metabolic Health Sciences
	Professor	Youichiro Wada	Chromatin dynamics, vascular biology, development of nuclear medicine	Isotope Science Center
Advanced Structural Studies	Professor	Danev Radostin Stoyanov	Structural biology of molecules and cells by cryo-electron microscopy	Cell Biology and Anatomy

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 multi-factorial disease	Department of Genome informatics
Cancer Cellular Signaling	Coordinate Professor	Akihide Yoshimi	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
	Professor	Takamitsu Watanabe	Cognitive neuroscience, psychiatry, MRI, TMS, TUS, EEG, human, data-driven approach	IRCN
Cellular and Molecular Physiology	Professor	Masanori Matsuzaki	Prefrontal cortex, decision making, motor learning, BMI	Physiology
Neurophysiology				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 Associate Professor	Aya Ito-Ishida	Functional dynamics of postnatal development and neurological disorders in childhood	RIKEN- Brain Functional Dynamics

## 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	Tappei Takada	Clinical Pharmacology, Clinical Pharmacokinetics, Lifestyle-related Diseases and Transporters	Pharmaceutical
Molecular Pathology	Professor	Yasuhiro Yamada	Dissecting epigenetic regulation in mammalian development and diseases	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	Emi Nishimura	Stem cell aging study for tissue regeneration	IMSUT – Aging and Regeneration
	Professor	Satoshi Yamazaki	Application of stem cell regulation research to cell therapy and gene therapy	IMSUT – Cell Regulation
	Professor	Hirohide Saito	Synthetic Biology, RNA Engineering, Cell-fate Control	IQB - RNP Synthetic Biology and Biotechnology
	Associate Professor	Yosuke Yamada	Thymic pathology, Experimental pathology	Pathology
	Associate Professor	Akane Yamauchi	Cellular signal transduction mechanism and its dysregulation in diseases	IMSUT – Genetics
	Associate Professor	Taeko Kobayashi	Adult neural stem cells and their quiescence regulation by proteostasis	IMSUT – Protein Metabolism
Surgical Pathology	Professor	Hideki Taniguchi	Regenerative medicine and transplantation surgery	IMSUT – Regenerative Medicine
Microbiology	Professor	Makoto Takeda	Pathogenicity of respiratory viruses	Microbiology
	Professor	Tetsuro Matano	Elucidation of AIDS pathogenesis and vaccine development	IMSUT – AIDS Vaccine Development
	Associate Professor	Hiroshi Kato	Host-virus interaction in paramyxovirus infection	Microbiology
	Associate Professor	Takeshi Ichinohe	Regulation of immune responses to influenza virus infection	IMSUT – International Research Center for Infectious Diseases
Infection Control and Prevention	Professor	Takeya Tsutsumi	Molecular mechanism of pathogenesis in hepatitis virus infection	Microbiology
	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	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	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
	Associate Professor	Daisuke Sugiura	Regulation of immune responses by immune co-receptors	IQB – Molecular Immunology
	Project Associate Professor	Michio Miyajima	Crosstalk between the immune and nervous systems	
	Project Associate Professor	Hideyuki Yanai	Molecular mechanism of inflammation, immunity, and oncogenesis	RCAST- Immunology and Inflammatory disease control
Applied Pathology	Visiting Professor	Kohei Miyazono	Research on TGF-beta signaling	
Animal Resources	Professor	Atsu Aiba	Mouse molecular genetics, molecular neurobiology	CDBIM – Animal Resources
Tumor Pathology	Coordinate Professor	Yasushi Yatabe	Molecular mechanisms of thoracic malignancies	National Cancer Center
Molecular Oncology	Coordinate Professor	Toru Hirota	Mechanisms of chromosome instability in cancer cells	The Cancer Institute of JFCR



Infection Pathology	Coordinate Professor	Yoshimasa Takahashi	Pathogen and host studies for regulating infectious diseases	National Institute of Infectious Diseases
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## Radiology and Biomedical Engineering

Major Field of Study	Faculty		Research Fields	Affiliation (Department)
Diagnostic Radiology	Professor	Osamu Abe	Diagnostic Radiology (CT, MRI, neuroradiology)	Radiology
	Associate Professor	Syohei Hanaoka	Diagnostic Radiology (CT, MRI, body trunk diagnostic radiology, medical image analysis)	Radiology
Radiotherapy	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
	Associated Professor	Ryosuke Kojima	Synthetic biology (engineering cells and extracellular vesicles), Chemical Biology (fluorescence probes), protein engineering, cancer imaging and therapy	Biomedical Engineering
Biosystem Construction and Control				
Biomaterials and Medical devices	Professor	Taichi Ito	Biomaterials, Hydrogels, Particles, Tissue engineering, Drug delivery	CDBIM – Biomaterials and Medical devices
	Professor	Kanako Harada	Biomedical devices, Surgical robots, Surgical skill assessment	CDBIM – Biomaterials and Medical devices
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	Kousuke Watanabe	Cancer Genomic Medicine, Pulmonary Medicine, Laboratory Medicine	Next-Generation Precision Medicine

## Neuroscience

Major Field of Study	Faculty		Research Fields	Affiliation (Department)
Neuropathology	Project Associate Professor	Kaoru Yamada	Neuropathology	Basic Neuroscience
Neurochemistry	Professor	Haruhiko Bito	Molecular mechanisms underlying long-term memory storage and plasticity, signal transduction of neurons	Basic Neuroscience
Neurobiology				Basic Neuroscience
Developmental Neuroscience				
Cognitive Neuroscience				
Systems Medical Neuroscience				
Sensory Motor Neuroscience	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
	Project Professor	Yukie Nagai	Cognitive developmental robotics, computational neuroscience, assistive technologies for neurodiversity	IRCN
	Associate Professor	Naohiro Okada	Clinical psychiatry, neuroimaging	Clinical Neuroscience

	Associate Professor	Yoshihiro Satomura	Psychiatry	Clinical Neuroscience
	Associate Professor	Zenas C. Chao	Cognitive neuroscience, computational neuroscience, brain-computer interface	IRCN
Neurology	Associate Professor	Wataru Satake	Neurology, Parkinson's disease, Neurodegenerative disease, Neurogenomics	Clinical Neuroscience
	Associate Professor	Tomotaka Yamamoto	Neurology	Clinical Neuroscience
	Project Associate Professor	Yoshiki Niimi	Neurology, Dementia, Medical policy	Dementia Inclusion and Therapeutics
	Project Associated Professor	Jun Mitsui	Neurology, Genetics, Clinical Trial	Precision Medicine Neurology
Neurosurgery	Professor	Nobuhito Saito	Neurosurgery, basic research on cerebrovascular disorders, research on brain tumors	Clinical Neuroscience
	Associate Professor	Miyawaki Satoru	Neurosurgery, genomics of cerebrovascular diseases and benign brain tumors	Clinical Neuroscience
	Project Professor	Taichi Kin	Medical image processing, surgical simulation, medical information processing	Medical Information Engineering
Child Neuropsychiatry				
Biomedical Neural Dynamics	Coordinate Professor	Masanori Murayama	Toward understanding circuit mechanisms of somatosensory perception and memory consolidation	RIKEN-Biomedical Neural Dynamics
Brain Medicine and Experimental Therapeutics	Coordinate Associate Professor	Tatsuo Mano	Data-driven approach to neurodegenerative diseases	NCNP- Neurological Sciences

#### 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
Public Health	Professor	Takahiro Higashi	Health services research, health policy and management, quality of care, survey research	Occupational, Environmental and Preventive Medicine
	Associate Professor	Haruhiko Inada	Epidemiology, injury prevention, health policy, program evaluation	Occupational, Environmental and Preventive Medicine
Forensic Medicine	Professor	Yohsuke Makino	Forensic radiology, Forensic pathology	Forensic Medicine
	Associate Professor	Suguru Torimitsu	Forensic radiology, Forensic anthropology	Forensic Medicine
Biomedical Informatics	Associate Professor	Takeshi Imai	Medical AI, Medical bigdata analysis, Standardization	CDBIM –Department of Biomedical Informatics
	Project Associate Professor	Yoshimasa Kawazoe	Medical Informatics, Medical AI, Natural Language Processing in Medicine	Department of Artificial Intelligence and Digital Twin in Healthcare
Microenvironmental and Metabolic Health Sciences	Professor	Makoto Murakami	Biology of lipid metabolism in health science	CDBIM – Microenvironmental and Metabolic Health Sciences
(Health Communication)	Professor	Takahiro Kiuchi	Health Communication, medical information network	Public Health – Health Communication
	Associate Professor	Tsuyoshi Okuhara	Health Communication, behavior change	Public Health – Health Communication
(Clinical Information Engineering)	Professor	Kayo Waki	m-Health, self management of disease using ICT, Health data management	Public Health – Clinical Information Engineering

(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
	Associate Professor	Hiroki Matsui	Clinical epidemiology, designing clinical research, large healthcare database, causal inference, health economics, machine learning	Public Health—Clinical Epidemiology and Health Economics
(Social and Preventive Epidemiology)	Professor	Kentaro Murakami	Nutritional epidemiology, behavioral nutrition, public health nutrition	Public Health—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
(Health Sociology and Health Education)	Associate Professor	Masamitsu Kamada	Physical activity epidemiology, behavior change interventions and policies, social marketing	Public Health - Health Sociology and Health Education
(Biomedical Ethics)	Professor	Eisuke Nakazawa	Public health ethics, Biomedical ethics, Research ethics, Neuroethics	Public Health—Biomedical Ethics
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

#### Internal Medicine

Major Field of Study	Faculty		Research Fields	Affiliation (Department)
Cardiovascular Medicine	Professor	Norihiko Takeda	Cardiology	Internal Medicine
	Project Professor	Katsuhito Fujii	Cardiology	Department of Advanced Cardiology
	Associate Professor	Masaru Hatano	Cardiology	Advanced Medical Center for Heart Failure
	Project Associate Professor	Hidehiro Kaneko	Cardiology	Department of Advanced Cardiology
	Project Associate Professor	Mutsuo Harada	Cardiology	Department of Advanced Clinical Science and Therapeutics
	Project Associate Professor	Seitaro Nomura	Cardiovascular Medicine, Precision Cardiology	Department of Frontier Cardiovascular Science
Vascular Biology				
Respiratory Medicine	Professor	Hidenori Kage	Respiratory Medicine	Internal Medicine
Gastroenterology	Professor	Mitsuhiro Fujishiro	Gastroenterology, Gastrointestinal endoscopy	Internal Medicine
	Professor	Narikazu Boku	Gastroenterology, Gastrointestinal oncology	IMSUT – Oncology and General Medicine
	Professor	Hiroaki Ikematsu	Gastroenterology, Gastrointestinal endoscopy	IMSUT – Division of Advanced Gastroenterology and Endoscopy
	Associate Professor	Nobutake Yamamichi	Gastroenterology, Gastrointestinal endoscopy, Preventive medicine, Molecular oncology	Preventive Medicine Center
	Associate Professor	Hideaki Ijichi	Gastroenterology, Clinical nutrition therapy	Department of Clinical Nutrition Therapy
	Associate Professor	Yoshihiro Hirata	Gastroenterology, Genome Medicine	IMSUT—Advanced Genome Medicine
	Associate	Ryosuke	Gastroenterology, Hepatology	Internal Medicine

	Professor	Tateishi		
	Project Associate Professor	Yosuke Tsuji	Gastroenterology, Gastrointestinal endoscopy	Next-generation Endoscopic Computer Vision
Nephrology	Professor	Masaomi Nangaku	Nephrology, renal replacement therapy, regulation of erythropoietin, oxygen biology	Internal Medicine
	Associate Professor	Hiroshi Nishi	Nephrology, Leukocyte biology, Clinical epidemiology	Internal Medicine
Endocrinology	Professor	Masaomi Nangaku	Endocrinology, hypertension, renin-angiotensin-aldosterone system	Internal Medicine
	Associate Professor	Noriko Makita	Endocrinology, hypertension	Internal Medicine
Nutrition and Metabolism	Professor	Toshimasa Yamauchi	Diabetes, metabolism and nutrition, genomics and epigenomics of diabetes, exercise • sportology	Internal Medicine
	Associate Professor	Nobuhiro Shojima	Diabetes, metabolism and nutrition, genomics of diabetes	Internal Medicine
	Project Associate Professor	Ken Suzuki	Diabetes, metabolism and nutrition, statistical genetics, computational biology	Laboratory for Advanced Research on Pathophysiology of Metabolic Diseases
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 Nannya	Hematopoietic Malignancies, Genomic Oncology	IMSUT-Hematopoietic Disease Control
	Project Professor	Satoshi Takahashi	Hematopoietic stem cell transplantation, Transplant immunology, Virus-specific cellular therapy	IMSUT – Clinical Precision Research Platform
	Associate Professor	Ayana Kon	Hematopoietic Malignancies, Molecular Oncology, Cancer genomics	IMSUT – Hematology and Tumor Biology
	Associate Professor	Kazuaki Yokoyama	Hematopoietic Malignancies, Clinical Hematology	IMSUT - Hematology & 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	Takeya Tsutsumi	Infectious diseases, viral hepatitis, HIV infection	Internal Medicine
	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	Makoto Kurano	Laboratory medicine, bioactive lipids, mass spectrometry	Clinical Laboratory Medicine and Pathology
Transfusion Medicine	Professor	Yosuke Masamoto	Hematopoietic malignancies, clinical hematology/oncology	Department of Cell Therapy and Transplantation Medicine
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
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
Medical Education Studies	Professor	Masato Eto	Medical Education, Medical Simulation	IRCME

## Reproductive, Developmental and Aging Science

Major Field of Study	Faculty		Research Fields	Affiliation (Department)
Reproductive Endocrinology	Professor	Yasushi Hirota	Reproductive endocrinology, reproductive medicine, women's health science, gynecological minimally invasive surgery	Obstetrics and Gynecology
	Associate Professor	Miyuki Harada	Reproductive endocrinology, reproductive medicine, gynecological minimally invasive surgery, fertility preservation	Obstetrics and Gynecology
Gynecological Oncology	Associate Professor	Kenbun Sone	Gynecological oncology, molecular genetics of cancer, gynecological minimally invasive surgery	Obstetrics and Gynecology
Perinatal Medicine	Professor	Yasushi Hirota	Maternal–fetal medicine, reproductive medicine, women's health science	Obstetrics and Gynecology
	Associate Professor	Keiichi Kumazawa	Maternal–fetal medicine, reproductive medicine	Obstetrics and Gynecology
	Associate Professor	Takayuki Iriyama	Maternal–fetal medicine, fetal genetics, fetal ultrasound diagnostics	Obstetrics and Gynecology
Molecular Cellular Reproductive Medicine	Associate Professor	Osamu Hiraike	Reproductive medicine, gynecological minimally invasive surgery, gynecological endocrinology, urogynecology	Obstetrics and Gynecology
Pediatrics	Professor	Motohiro Kato	Pediatrics, Pediatric Hematology/Oncology, Genomic medicine	Pediatric Sciences
	Associate Professor	Yutaka Harita	Pediatrics, Pediatric Nephrology	Pediatric Sciences
	Associate Professor	Akio Ishiguro	Pediatrics, Neonatology	Pediatric Sciences
	Associate Professor	Ryo Inuzuka	Pediatrics, Pediatric Cardiology	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
Geriatrics	Professor	Sumito Ogawa	Geriatric medicine, endocrinology, bone metabolism, arteriosclerosis, dementia, sarcopenia	Aging Sciences
	Project Associate Professor	Takashi Yamanaka	Home care medicine, Geriatric medicine	Aging Sciences
	Professor	Masato Eto	Geriatric medicine, geriatric cardiology, arteriosclerosis, thrombosis, vascular biology, sarcopenia	Aging Sciences
Aging Research				
Health Policy for Children and Families	Coordinate Associate Professor	Naho Morisaki	Perinatal/Pediatric Epidemiology and Health Policy Research	National Center for Child Health and Development
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	Masaaki Sato	Thoracic Surgery, Lung Transplantation	Surgery
Cardiovascular Surgery	Professor	Minoru Ono	Adult cardiac surgery, heart transplantation, ventricular assist device	Surgery
	Project Professor	Jun Yamashita	Cardiac regeneration, stem cells, extracellular vesicle	Surgery
	Associate Professor	Haruo Yamauchi	Cardiac surgery	Surgery
	Associate Professor	Masahiko Ando	Cardiac Surgery	Surgery
	Project Associate Professor	Taku Kumamaru	Cardiac Surgery	Surgery

	Project Associate Professor	Hiroyuki Yamamoto	Cardiac Surgery	Surgery
Gastrointestinal Surgery	Professor	Yoshifumi Baba	Gastrointestinal Surgery	Surgery
	Associate Professor	Koichi Yagi	Gastrointestinal Surgery	Surgery
Hepatobiliary Pancreatic Surgery	Professor	Kiyoshi Hasegawa	Hepatobiliary-pancreatic surgery	Surgery
	Associate Professor	Yoshikuni Kawaguchi	Hepatobiliary-pancreatic surgery	Surgery
Urology	Professor	Haruki Kume	Urologic surgery, endoscopic surgery, robotic surgery, renal failure, voiding dysfunction, urinary tract infection	Surgery
Artificial Organ and Transplantation	Professor	Kiyoshi Hasegawa	Liver transplantation, tissue transplantation	Surgery
	Associate Professor	Nobuhisa Akamatsu	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
	Associate Professor	Sayaka Shibata	Psoriasis, Atopic dermatitis, Skin immunity, Epigenetics	Sensory and Motor System Medicine
	Associate Professor	Hayakazu Sumida	Collagen diseases, Scleroderma, Skin immunity	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
	Project Professor	Atsuhiko Hikita	Bone and cartilage biology, Regenerative medicine, Tissue engineering	Clinical stem cell biology
	Project Associate Professor	Sachiko Ono	Clinical Epidemiology, Dental Epidemiology	Eat-loss 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	Associate Professor	Megumi Honjo	Glaucoma, Neurobiochemistry, Ocular Pharmacology	Sensory and Motor System Medicine
	Associate Professor	Takashi Miyai	Corneal transplantation, Corneal topography, Regenerative medicine, Genomic medicine	Sensory and Motor System Medicine
Otorhinolaryngology and Head & Neck Surgery	Professor	Kenji Kondo	Olfaction, facial nerve, Otorhinolaryngology and Head & Neck Surgery	Sensory and Motor System Medicine
	Associate Professor	Yuki Saito	Head and neck oncology	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	Professor	Toru Ogata	Locomotive rehabilitation, Neurobiochemistry, Disability Science	Sensory and Motor System Medicine
	Associate professor	Sayaka Fujiwara	Pediatric rehabilitation, Prosthetics and Orthotics, Sports medical science	Department of Rehabilitation 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 Affiliation	Vital Care Medicine
Emergency and Critical Care Medicine	Professor	Kento Doi	Emergency and Critical Care Medicine Sepsis, multiple organ failure	Vital Care Medicine
	Associate Professor	Takehiro Matsubara	Orthopaedic trauma	Vital Care Medicine
Operating room management and surgical metabolism	Professor	Kazuhiko Fukatsu	Surgical nutrition and metabolism, surgical infection, shock, gut immunity	Surgical Center
Palliative Medicine	Associate Professor	Masahiko Sumitani	Pain Medicine, Palliative Medicine, Anesthesiology Affiliation	Vital Care Medicine

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