

## The list of supervisors/laboratories in the Graduate School of Medicine

Last Revised May. 2024

- “Graduate students holding jobs” can only belong to the laboratory marked with ☆.
- Laboratories without supervisor’s names do not accept graduate students now.
- Applicants for the laboratory specified by a mark(※) have to have interviews with both of two supervisors.

\* This list is a translation from the original and shall not be regarded as official documentation. The English text has been provided merely as a reference. Please note that any official information are based solely on the Japanese text.

### Main, Collaborating Institutes

Department	Research field (Name of Laboratory)	Supervisor
Anatomy	◇ Neuroscience and Cell Biology	
	◇ Anatomy and Neuroscience	
	◇ ☆ ● Cell Biology	HARADA Akihiro Professor
	◇ ☆ ● Molecular Neuroscience	YAMASHITA Toshihide Professor
Physiology	◇ ● Brain Physiology	KITAZAWA Shigeru Professor
	◇ ☆ ● Integrative Physiology	OKAMURA Yasushi Professor
Biochemistry and Molecular Biology	◇ Molecular Biology and Biochemistry	
	◇ Medical Biochemistry	TAKASHIMA Seiji Professor
	◇ ☆ ● Tissue Biochemistry	TSUMAKI Noriyuki Professor
	◇ ● Genetics	
Pathology	◇ ☆ ● Histopathology	MORII Eiichi Professor
	◇ ☆ ● Cancer Pathology	INOUE Daichi Professor
Pharmacology	◇ Bio-system Pharmacology	
	◇ ☆ ● Division of Global Pharmacology	HIBINO Hiroshi Professor
Social Medicine	◇ ☆ ● Public Health	KAWASAKI Ryo Professor
	◇ Environmental Medicine and Population Sciences	
	◇ ☆ ● Legal Medicine	MATSUMOTO Hiroshi Professor
	◇ Biomedical Ethics and Public Policy	
Microbiology and Immunology	◇ ☆ ● Virology	
	◇ ☆ ● Immune Regulation	TAKEDA Kiyoshi Professor
	◇ ☆ ● Immunology and Cell Biology	ISHII Masaru Professor
	◇ Stem Cell Biology and Developmental Immunology	NAGASAWA Takashi Professor
Genome Biology	◇ ☆ ● Innate Immune System	MORO Kazuyo Professor
	◇ Gene Therapy Science	
	◇ ☆ ● RNA Biology and Neuroscience	KAWAHARA Yukio Professor
	◇ ☆ Statistical Genetics	OKADA Yukinori Professor
	◇ ☆ ● Cancer Genome Informatics	YACHIDA Shinichi Professor
	◇ ☆ ● Germline Genetics	HAYASHI Katsuhiko Professor
Health and Sport Sciences	◇ ☆ ● Stem Cell and Organoid medicine	TAKEBE Takanori Professor
	◇ Cognitive and Behavioral Neuroscience	
	◇ ※ ☆ Biomechanics and Motor Control	MATSUO Tomoyuki Associate Professor NAKATA Ken Professor
	◇ ☆ ● Medicine for Sports and Performing Arts	NAKATA Ken Professor
Internal Medicine	☆ Cardiovascular Medicine	SAKATA Yasushi Professor
	☆ Metabolic Medicine	SHIMOMURA Ichiro Professor
	Respiratory Medicine and Clinical Immunology	KUMANO GOH Atsushi Professor
	☆ Geriatric and General Medicine	YAMAMOTO Koichi Professor
	Hematology and Oncology	HOSEN Naoki Professor
	Gastroenterology and Hepatology	TAKEHARA Tetsuo Professor
	☆ Nephrology	ISAKA Yoshitaka Professor
☆ Laboratory Medicine	ISAKA Yoshitaka Professor	
Integrated Medicine	☆ Neurology	MOCHIZUKI Hideki Professor
	☆ Psychiatry	IKEDA Manabu Professor
	☆ Pediatrics	KITABATAKE Yasuji Professor
	☆ Dermatology	FUJIMOTO Manabu Professor
	☆ Biomedical Statistics	HATTORI Satoshi Professor
	☆ Medical Informatics	TAKEDA Toshihiro Professor
Radiology	☆ Diagnostic and Interventional Radiology	TOMIYAMA Noriyuki Professor
	☆ Radiation Oncology	OGAWA Kazuhiko Professor
Surgery	☆ Cardiovascular Surgery	MIYAGAWA Shigeru Professor
	☆ General Thoracic Surgery	SHINTANI Yasushi Professor
	☆ Gastroenterological Surgery I	EGUCHI Hidetoshi Professor
	☆ Gastroenterological Surgery II	DOKI Yuichiro Professor
	☆ Breast and Endocrine Surgery	SHIMAZU Kenzo Professor
	☆ Pediatric Surgery	OKUYAMA Hiroomi Professor

Department	Research field (Name of Laboratory)	Supervisor
Acute Critical Medicine	☆ Anesthesiology and Intensive Care Medicine	ODA Jun Professor
	☆ Traumatology and Acute Critical Medicine	ODA Jun Professor
Organ Regulation Medicine	☆ Orthopaedic Surgery	OKADA Seiji Professor
	☆ Obstetrics and Gynecology	KITABATAKE Yasuji Professor
	☆ Urology	NONOMURA Norio Professor
	☆ Plastic Surgery	KUBO Tateki Professor
Neural and Sensory Organ Surgery	☆ Ophthalmology	NISHIDA Koji Professor
	Otorhinolaryngology–Head and Neck Surgery	INOHARA Hidenori Professor
	☆ Neurosurgery	KISHIMA Haruhiko Professor
Pharmaceutical Information	☆ Hospital Pharmacy	OKUDA Masahiro Professor
Infection Control and Prevention	☆ Infection Control and Prevention	KUTSUNA Satoshi Professor
Integral Function	◇ ☆ ● Molecular and Developmental Biology	FURUKAWA Takahisa Professor
	◇ ☆ ● Advanced Brain Functions	HIKIDA Takatoshi Professor
	◇ Developmental Clinical Neuroscience	SHIMONO Kuriko Professor
	◇ Molecular Brain Science	KATAYAMA Taiichi Professor
	◇ Functional Genomics & Bioinformatics	KIMURA Ryo Professor
	◇ ☆ Laboratory Animal Science	NAKAO Kazuki Professor
Host Defense	◇ Immunochemistry	ARASE Hisashi Professor
	◇ Molecular Virology	WATANABE Tokiko Professor
	◇ Molecular Protozoology	IWANAGA Shiro Professor
	◇ Viral Infections	SHIODA Tatsuo Professor
	◇ ☆ ● Molecular Microbiology	HARA Eiji Professor
	◇ ☆ Experimental Genome Research	IKAWA Masahito Professor
	◇ Molecular Bacteriology	
	◇ ☆ Tissue Regeneration Science	TAKAKURA Nobuyuki Professor
	◇ Immunoparasitology	YAMAMOTO Masahiro Professor
	◇ ☆ Pathogenic Bacteriology	IIDA Tetsuya Professor
	◇ ☆ ● Systems Immunology	Daron M. Standley Professor
	◇ ☆ Molecular Immunology	YAMASAKI Shou Professor
	◇ ☆ Viral immunology	KOBAYASHI Takeshi Professor
	◇ ☆ Homeostatic regulation	ISHITANI Toru Professor
	◇ Research for Infectious tumors	KORANI Ai Professor
	◇ ☆ ● Infection Metagenomics	NAKAMURA Shota Associate Professor
	◇ ☆ ● Medical Virology	IWASAKI Masaharu Specially Appointed Associate Professor
	◇ Zoonotic bacteriology	TSUKAMOTO Kentaro Specially Appointed Associate Professor
	◇ Immune Response Dynamics	SUZUKI Kazuhiro Professor
	◇ ☆ Experimental Immunology	SAKAGUCHI Shimon Specially Appointed Professor
	◇ Biochemistry and Immunology	NAGATA Shigekazu Specially Appointed Professor
	◇ Microbiology and Immunology	Kamada Nobuhiko Specially Appointed Professor
	◇ Human Immunology(Single Cell Genomics)	OKUZAKI Daisuke Specially Appointed Associate Professor
	◇ Immune Homeostasis	OKABE Yasutaka Specially Appointed Associate Professor
	◇ Regulation of Host Defense	ISE Wataru Professor
	◇ Human Immunology (Single Cell Immunology)	WING James Badger Associate Professor
	◇ Virus Control	MATSUURA Yoshiharu Specially Appointed Professor
	◇ Innate Immunity	AKIRA Shizuo Specially Appointed Professor
	◇ Human Metaverse Medicine	
	Health Promotion Medicine	☆ Psychological Health Promotion
Preventive Medical Science		
☆ Behavioral Health Promotion		YAMAMOTO Ryohei Professor
	Mental Health Promotion	KANAYAMA Daisuke Professor
Bioregulation and Cellular Response	◇ Bioregulation and Cellular Response	NAKADA Shinichiro Professor

#### Affiliate Graduate Schools

Department	Research field (Name of Laboratory)	Supervisor
Clinical Gene Therapy	☆	MORISHITA Ryuichi Endowed Chair Professor
Neurotherapeutics	☆	NAGANO Seiichi Endowed Chair Professor

**Joint Research Chairs**

Department	Research field (Name of Laboratory)	Supervisor
Medical Data Science	☆	DOKI Yuichiro Professor
Advanced Hybrid Medicine	☆	KUMANOGO Atsushi Professor
Neuro-Medical Science		YAMASHITA Toshihide Professor
Sports Medical Science	☆	TANAKA Hiroyuki Specially Appointed Professor
Advanced Molecular Therapy	☆	TANIYAMA Yoshiaki Specially Appointed Professor
Biostatistics & Data Science	☆	HIDA Eisuke Specially Appointed Professor
Artificial Intelligence Diagnostic Radiology	☆	HORI Masatoshi Specially Appointed Professor

**Endowed Chairs**

Department	Research field (Name of Laboratory)	Supervisor
Pediatric and Neonatal-Perinatal Research	☆ Osaka Women's and Children's Hospital	MATSUO Isao Professor(Guest)
		YANAGIHARA Itaru Professor(Guest)
Oncology	☆ Osaka International Cancer Institute	OOUE Masayuki Professor(Guest)
		MIYASHIRO Isao Professor(Guest)
		YOKOTA Takafumi Associate Professor(Guest)
Molecular Oncology	☆ Osaka International Cancer Institute	HARADA Yoichiro Associate Professor(Guest)
		HIRATSUKA Toru Associate Professor(Guest)
Molecular Imaging in Cardiovascular Medicine	☆ National Cerebral and Cardiovascular Center	NAKAOKA Yoshikazu Professor(Guest)
		MOCHIZUKI Naoki Professor(Guest)
Cardiovascular Science	☆ National Cerebral and Cardiovascular Center	NISHINAKA Tomohiro Professor(Guest)
		WATANABE Yusuke Associate Professor(Guest)
Cardiovascular Pathophysiology and Therapeutics	☆ National Cerebral and Cardiovascular Center	OTSU Kinya Professor(Guest)
		FUKUSHIMA Satsuki Professor(Guest)
Development and Regeneration	☆ RIKEN Center for Biosystems Dynamics Research	TAKASATO Minoru Professor(Guest)
		FUJIWARA Hironobu Professor(Guest)
		KIMURA Wataru Associate Professor(Guest)
Department of Systems Biology	☆ RIKEN Center for Biosystems Dynamics Research	UEDA Hiroki Professor(Guest)
Allergy and Immunology	RIKEN Center for Integrative Medical Sciences	AKIYAMA Taishin Professor(Guest)
		MOMOZAWA Yukihide Professor(Guest)
Cancer, Infection and immunology	☆ Clinical Research Center, National Hospital Organization Kinki-Chuo Chest Medical Center	TSUYUGUCHI Kazunari Professor(Guest)
		ARAI Toru Professor(Guest)
		TAKIMOTO Takayuki Associate Professor(Guest)
Virology and Immunology	☆ National Institutes of Biomedical Innovation, Health and Nutrition	ADACHI Jun Professor(Guest)
		YAMAMOTO Takuya Professor(Guest)
Pathogenesis and Metabolic Control	☆ National Institutes of Biomedical Innovation, Health and Nutrition	KUNISAWA Jun Professor(Guest)
Integrated Molecular Imaging	National Institutes for Quantum and Radiological Science and Technology	
Advanced Medicine for HIV infection	☆ Osaka National Hospital	WATANABE Dai Professor(Guest)
		SAKAMORI Ryotaro Associate Professor(Guest)
Epidemiology for Infectious Diseases	National Institute of Infectious Diseases	
Regulatory Science	Pharmaceuticals and Medical Devices Agency	
Innovative Cancer Medicine and Regulatory Science	National Cancer Center	SHIBATA Taro Professor(Guest)
		YONEMORI Kan Professor(Guest)
Aging Neurobiology	☆ National Center for Geriatrics and Gerontology	SATO Naoyuki Professor(Guest)
		SHINOHARA Mitsuru Associate Professor(Guest)
Epidemiology and Health	Osaka Institute of Public Health	
Clinical Immunopathology	National Hospital Organization Osaka Minami Medical Center	OHSHIMA Shiro Professor(Guest)
		HIRAO Makoto Associate Professor(Guest)
		TAKAMATSU Hyota Associate Professor(Guest)