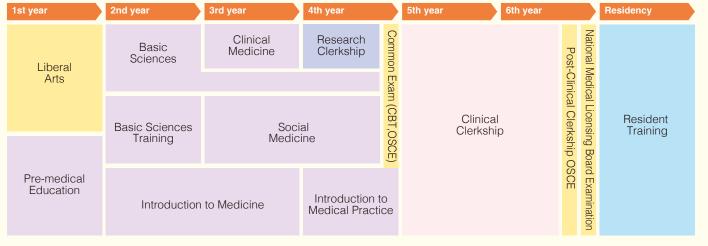


Medical Course Curriculum



Dean's Message

Yokohama City University (YCU) is located in the international port city of Yokohama, which is only a 30-minute train ride from Tokyo. Yokohama has more than 3.8 million inhabitants and is the second largest city in Japan. Due to its location, we have, and will continue to welcome international researchers and students.

YCU's School of Medicine was founded

quite recently in 1949. However, its origin came from the Yokohama Naka Hospital, which was founded in 1871. Throughout its long history, YCU's School of Medicine has grown into an attractive place for study and clinical training, and is equipped with the latest education, research, and medical facilities. It has also become a base for advanced medical care, which supports the healthcare of 3.8 million inhabitants. YCU's two university hospitals have a total of 1400 beds, which enables us to carry out extensive clinical training at these two hospitals.

The environment surrounding medical care is undergoing major changes as the birth-rate declines and the aging population increases. In addition, there is a strong need to respond quickly to global pandemics such as the COVID-19 pandemic

Our medical education has traditionally focused on cultivating human resources who have advanced knowledge and clinical practical ability and can demonstrate leadership with a high level of commitment. On top of that, we are now much more aware that during this time of significant change, it is important to foster human resources who can build a system that can flexibly respond to the rapidly changing environment surrounding medical care and education. As part of our efforts, YCU is making special efforts to develop students who can respond to internationalization, with a global perspective in particular.

Our door is always open to further collaboration and to the people who wish to join our program to study medicine and contribute to the progress in medicine for the people in the world.

Yasuo Terauchi

M.D., Ph.D. Dean, School of Medicine Yokohama City University

International Medical Education Workshop in Yokohama



As part of campus activities for international exchange, we hold a workshop every year on a different topic with excellent guest speakers from our partner schools, etc. in other countries. In addition to the workshop, activities include a welcome lunch and excursions to nearby sights, to give students plentiful opportunities to get to know each other

| | 5 | |
|--|----------------------------------|--|
| 2019 | 2018 | 2017 |
| Invited partner | Invited partner | Invited partner |
| University of Hawaii | National University of Singapore | University of California at San Diego and others |
| Торіс | Торіс | |
| Problem-based Learning | Simulation-based Learning | Торіс |
| Note | Ū. | Medical Education |
| This workshop has been postponed due to the COVID-19 outbreak | | |

Yokohama City University Medical Center

Affiliate Hospitals

Yokohama City University Hospital



With 35 departments and 674 beds, the YCU Hospital is actively involved in esearch in clinical medicine, including efforts o realize" Translational Research" to be applied to basic prevention, diagnosis, and treatment. This hospital is the only Specific Function Hospital Yokohama



INQUIRY

Medical Education Internationalization Section, School of Medicine, Yokohama City University E-mail ycumedgl@yokohama-cu.ac.jp



Director's Message

The aim of Yokohama City University (YCU) School of Medicine is to develop physician scientists who can contribute to local or global health care and medical science. Upon restructuring the education systems of our medical school, we are putting more strength than ever before into globalization in



order to foster human resources who can cope with new challenges in a complex and globalized society. All students are required to take practical English classes to promote their English communication skills during the early phase of the curriculum. We also have a number of collaborations with our partner institutions around the world. Research and clinical clerkship programs in partner institutions are offered for the fourth to the sixth year-medical students, in which they can be trained in various basic laboratories or hospitals in North America, Europe or Southeast Asia. Through active participation in these programs, students are expected to cultivate research mindsets and to get clinical experience in different cultural backgrounds.

In 2018, the YCU School of Medicine has been certified that our university satisfies the standards for Basic Medical Education by JACME (Japan Accreditation Council for Medical Education). We will continue to refine our educational systems to meet higher levels of global standard.

We believe that the learning experience in global programs of YCU will be of great value for medical students or young doctors in choosing their career paths and meeting social needs in the era of globalization.

Hideaki Nakajima

M.D., Ph.D. Director, Department of Global Advancement, School of Medicine Yokohama City University

「() ヨコハマから世界へ GLOBAL Start in YOKOHAMA.

Resilience in International Medical Education Amid the Global Pandemic

The COVID-19 pandemic indeed prevented us from visiting each other and having a good time together in person. However, we are flexible enough to create a new style of international collaboration. We would like to thank all of the partners who are willing to understand the purpose and meaning of continuing collaboration in having these events together.



International Online Exchange Program with Partners

| | | Торісѕ | Partners |
|------|------|--|--|
| 2021 | Dec. | Next-generation medicine | Thammasat University |
| | Nov. | The importance of effective team-based Interprofessional communication for safe & competent patient care | National University of Singapore |
| | Jul. | Clinical Case Discussion"Pediatric Abdominal Pain" | Shanghai Jiao Tong University/University of Strasbourg |
| 2020 | Mar. | Problem Based Learning - Hawaii Style | University of Hawaii John A. Burns School of Medicine |
| | Jan. | Medical Education Amidst the Covid-19 pandemic | National University of Singapore |
| | Nov. | Difference in student life before and after the outbreak of COVID-19 | Thammasat University |

Following comments are from the participants of the online exchange program with NUS.



I think it was a great opportunity and experience to talk and discuss with YCU students who experience a different healthcare system in Japan. Everyone was friendly and the time spent was fruitful! The lecture contents were useful and overall the time spent was very productive!

Lee Zhi Peng



They were so proactive and confident that I was inspired by them. The team members were polite and considerate so I enjoyed speaking with them. I was inspired by NSU students through this event. I could

realize what I lack, and also was satisfied with the lecture.

Hiroko Ishihara



It was really a nice opportunity for me, especially under the coronavirus situation. Exchanging information with other country's medical students is really precious for me. Thank you for holding a nice opportunity.

Yusuke Kenma



I learnt about the similarities and differences between education and learning experiences in the two schools. This event provided us with very informative lectures, and engaging discussions with the students and

Yuki Ong



With 11 disease-specific

centers, 20 departments

and 726 beds, the YCU

Medical Center provides

level of technique as a

core hospital with tertiary

emergency medical care

covering a wide range of

NARITA Airport 🔾

JAPAN

acute-stage medical care that requires a high

Students Voice



Strasbourg University Mr. Louis Boehn

I had an experience of giving a presentation in the conference and it was good. Doctors are always with me and let me choose what to see during my program in YCU. Moreover, I joined ward round and outpatient clinic and learned a lot of new things. In general, it was a very good clerkship program. I would recommend this experience to any student.



I was positively impacted by my stay with Gastroenterologist Team of the Medical Center.

I learned many different technics with a lots of share and concerted efforts from the all team to translate any contents about cares and diagnosis. I could also observe different kinds of surgeries and got training of Laparoscopic technics in YCU Simulation Center.



Thammasat University (From left to right) Ms. Ngoenta Nithisoontorn Ms. Peerada Kobkarnsakul Ms. Saruta Vatcharasinthu Ms. Chalisa Suwanprinya Ms. Sakonrat Visedsintop

We all thoroughly enjoyed the YCU Clinical Clerkship Program! The staff, doctors and students were very friendly and helpful. We saw many patient cases and learnt a lot. What we got from this course was beyond our expectations, we highly recommend it.

Former Exchange Students

| YEAR | 2018 | 2019 | |
|--|--|--|--|
| Paris Descartes University (France) | •Emergency medicine •Medical Science and Cardiorenal Medicine | Emergency medicine Medical Science and Cardiorenal Medicine Plastic and Reconstructive Surgery Obstetrics and Gynecology Urology | |
| Strasbourg University (France) | | Hematology and Clinical Immunology Gastroenterology Gastroenterological Surgery | |
| Thammasat University (Thailand) | •Gastroenterology •Oncology | •Pulmonology•Emergency medicine•Pediatrics•Gastroenterological Surgery•Rehabilitation Medicine•Surgery | |
| Munich University (Germany) | | Forensic Medicine | |



How to apply for our Clinical Clerkship Program



Exchange students from our partner universities Please contact coordinator in your home university *Paris Descartes University, Strasbourg University, Thammasat University, KU Leuven, Shanghai Jiao Tong University



Independent applicants (=non exchange students) Please visit following website for detail. YCU Clinical Clerkship Search https://www.yokohama-cu.ac.jp/ytog/global/med_ccnonex.html



Clinical departments

We offer opportunities for medical students from foreign universities to conduct observation-based clinical clerkship in our hospitals. This is a list of departments available for international students. * Department availability is subject to change.

| Hematology and Clinical Immunology | Pulmonology |
|---|---|
| Hideaki Nakajima M.D., Ph.D. Professor Research Interests | Takeshi Kaneko M.D., Ph.D. Professor |
| Hematopoietic stem cells | Bronchial asthma • COPD |
| Blood cell differentiation | Lung cancer |
| Myeloid malignancies | Interstitial lung disease |
| Endocrinology and Metabolism | Gastroenterology |
| Yasuo Terauchi M.D., Ph.D. Professor | Shin Maeda M.D., Ph.D. Professor |
| Research Interests Type 2 diabetes | Research Interests Cancer |
| Insulin resistance | Inflammation |
| Pancreatic β cell | Animal disease model |
| Gastroenterological Surgery | Pediatrics |
| Itaru Endo M.D., Ph.D. Professorr Research Interests | Shuichi Ito M.D., Ph.D.Professor |
| Pesearch Interests Pancreatic cancer | Research Interests Pediatric Nephrology |
| Cholangiocarcinoma | Pediatric Rheumatology |
| Septic DIC | Clinical Genetics |
| Obstetrics and Gynecology Extense | Ophthalmology |
| Etsuko Miyagi M.D., Ph.D. Professor Research Interests | Nobuhisa Mizuki M.D., Ph.D. Professor |
| Gynecologic oncology | Research Interests Ocular genetics |
| Ovarian cancer | Uveitis |
| Cervical cancer | Behcet's disease |
| Oral and Maxillofacial Surgery | Otorhinolaryngology-Head ar |
| Kenji Mitsudo D.D.S., Ph.D. Professor Research Interests | Nobuhiko Oridate M.D., Ph.D. Professor Research Interests |
| Oral cancer | Head and neck cancer |
| Chemoradiotherapy | head and neck squamous cell carcin |
| Hyperthermia | Multimodality cancer treatmen |
| Orthopaedic Surgery | Dermatology |
| Yutaka Inaba M.D., Ph.D. Professor Research Interests | Yukie Yamaguchi M.D., Ph.D.Professor Research Interests |
| Osteoarthritis | Connective tissue diseases |
| Rheumatoid Arthritis | Psoriasis |
| Pediatric Orthopaedics | Drug allergy |
| Anesthesiology | Oncology |
| Takahisa Goto | Yasushi Ichikawa |
| M.D., Ph.D. Professor Research Interests | M.D., Ph.D. Professor Research Interests |
| Anesthesiology | Cancer chemotherapy |
| Pain management | Palliative medicine |
| Critical Care | Basic research for cancer invasion and metas |
| Pathology | Laboratory Medicin |
| | Etsuko Yamazaki |
| | M.D., Ph.D. Associate Professo Research Interests |
| To be updated | Laboratory hematology |
| | Hematology |
| | |



Exchange

Basic research departments Exchange students from Independent applicants * Not open to the international students as of Feb 2021. our partner universities (=non exchange students) Histology and Cell Biology leuroanatomy Kazuyuki Ohbo Kengo Funakoshi M.D., Ph.D. Professor M.D., Ph.D. Professor Epigenetics Phylogenesis Stem cell Axonal regeneration Self-renew Autonomic nervous syste ardiovascular Research Institute hysiology Takuya Takahashi Yoshihiro Ishikawa M.D., Ph.D. Professor M.D., Ph.D. Professor Cardiovascular disease AMPA receptor Medical device Synaptic plasticity Artificial vessels Neur Nolecular Biology Biochemistry Kazuhiro Ogata Hidehisa Takahashi M.D., Ph.D. Professor M.D., Ph.D. Professor Structural biology Transcription Molecular modeling Transcription elongation Molecular targeted therapy Regulation of gene expre <u> //icrobiology</u> Pharmacology Yoshio Goshima Akihide Ryo M.D., Ph.D. Professor M.D., Ph.D. Professor TR Pharmacology Virology Cell biology Neurotransmitter Axon guidance Proteomics Molecular Pathology mmunology Tomohiko Tamura Satoshi Fujii M.D., Ph.D. Professor M.D., Ph.D. Professor

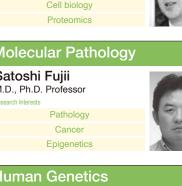


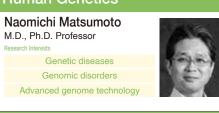
To be updated

Forensic Medicine

Yoko Ihama M.D., Ph.D. Professor Forensic pathology Marine forensics

Forensic toxicolog





To be updated

Medical Education

Biostatistics

Masahiko Inamori M.D., Ph.D. Professor Medical education Medical ethics Active learning meth



Infection control Hopital infection HIV infectior

Cell therapy

Transplantation