



# GO ヨコハマから世界へ GLOBAL. Start in YOKOHAMA.

## International Medical Education Workshop in Yokohama!

On November 29th 2017, YCU hosted the “International Workshop on Medical Education” here at Yokohama City University (YCU), inviting lecturers from YCU’ s partner institutions including the University of California, San Diego and the National University of Singapore – both of which are universities which provide an advanced and unique medical education.

Despite being the first workshop of its kind hosted by YCU, a total of 96 YCU faculty members, including department chairpersons, and students attended the workshop. It was an invaluable learning experience and excellent opportunity to exchange opinions among universities. The workshop also presented YCU faculty members with a chance to reflect on their teaching methods.

YCU will henceforth utilize the new knowledge gained from this workshop in reconsidering YCU’ s very own model program, in order to succeed in the age of innovation. We are united in our resolve to promote the internationalization of YCU’ s medical education, and to support our students in building and improving their clinical skills.



### Program

**Keynote Lecture 1** Making Good Doctors: Challenges in the 21st Century

Maria Savoia, M.D., FACP  
Dean for Medical Education  
Professor of Medicine, UC San Diego School of Medicine

**Keynote Lecture 2** Advances in Medical Student Clinical Education: Examples from the US and Singapore

Arpana R. Vidyarthi, M.D.  
Head and Senior Consultant, Division of Advanced Internal Medicine, National University Hospital, Singapore  
Associate Professor, Education and Health Systems and Services Research, Duke – NUS Medical School

**Keynote Lecture 3** Supporting the career development of globally-competitive physicians: the Singapore system

Makoto Yawata, M.D., Ph.D.,  
Principal Investigator, Immunology Programme, Life Sciences Institute, National University of Singapore  
Assistant Professor, Department of Pediatrics, Yong Loo Lin School of Medicine, National University of Singapore  
Principal Investigator, Singapore Institute for Clinical Sciences, Agency for Science, Technology and Research

**Panel Discussion**

Panel Facilitator: Kenneth Vitale, M.D.  
Associate Professor of Orthopaedic Surgery, University of California, San Diego  
Panelists: Maria Savoia, M.D., Arpana Vidyarthi, M.D., Makoto Yawata, M.D., Ph.D., Hirotooshi Akiyama, M.D., Ph.D., Kyota Nakamura, M.D., Ph.D., Mitomu Kioi, DDS., Ph.D.,

# Facts and Figures

As of May, 2017

School of Medicine



HISTORY

Established in  
**1949**



STUDENTS

Medical Course  
**553**



FACULTY

Full Time Equivalency  
OVER **500**



OVERSEAS PARTNER INSTITUTIONS

Departmental MOU

**12**

Affiliate Hospitals



**Yokohama City University Hospital**

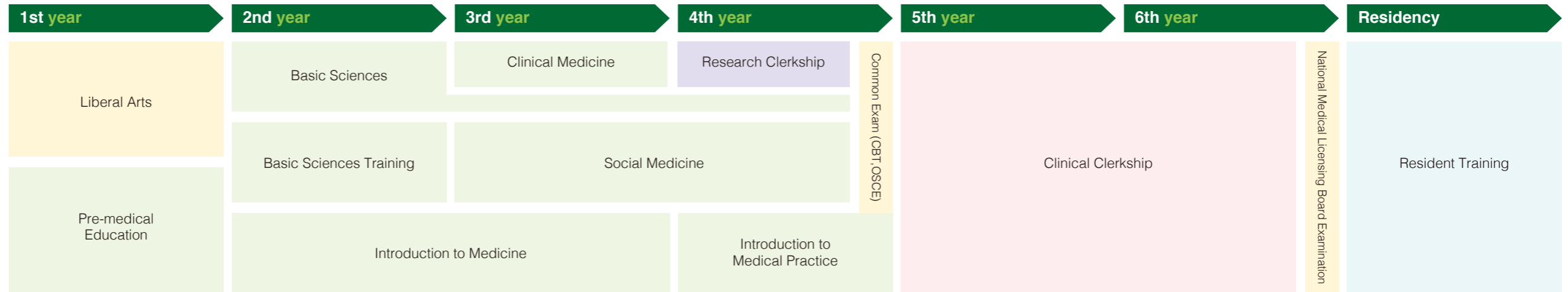
With 29 departments and 674 beds, the YCU Hospital is Actively involved in research in clinical medicine, including efforts to realize "Translational Research" to be applied to basic prevention, diagnosis, and treatment. This hospital is the only Specific Function Hospital in Yokohama.



**Yokohama City University Medical Center**

With 10 disease-specific centers, 20 departments, and 726 beds, The YCU Medical Center provides acute-stage medical care that requires a high level of technique as a core hospital with tertiary emergency medical care covering a wide range of necessities.

# Medical Course Curriculum



<b>Hematology and Clinical Immunology</b> <b>Hideaki Nakajima</b> MD, PhD Professor Research Interests Hematopoietic stem cells Blood cell differentiation Hematology	<b>Pulmonology</b> <b>Takeshi Kaneko</b> MD, PhD Professor Research Interests Bronchial asthma COPD Lung cancer	<b>Medical Science and Cardiorenal Medicine</b> <b>Kouichi Tamura</b> MD, PhD, FACP, FAHA Professor Research Interests Kidney disease Hypertension Cardiovascular disease	<b>Surgery</b> <b>Munetaka Masuda</b> MD, PhD Professor Research Interests Cancer biomarker Aortic aneurysm Structural heart disease	<b>Endocrinology and Metabolism</b> <b>Yasuo Terauchi</b> MD, PhD Professor Research Interests Type 2 diabetes Insulin resistance Pancreatic $\beta$ cell	<b>Gastroenterology</b> <b>Shin Maeda</b> MD, PhD Professor Research Interests Cancer Inflammation Animal disease model	<b>Gastroenterology and Hepatology</b> <b>Atsushi Nakajima</b> MD, PhD Professor Research Interests NASH Colorectal cancer CIIP	<b>Psychiatry</b> <b>Yoshio Hirayasu</b> MD, PhD Professor Research Interests
<b>Gastroenterological Surgery</b> <b>Itaru Endo</b> MD, PhD Professor Research Interests Organ dysfunction Septic DIC Immunotherapy	<b>Pediatrics</b> <b>Shuichi Ito</b> MD, PhD Professor Research Interests Kawasaki disease Arthritis Leukemia	<b>Emergency Medicine / ICU</b> <b>Ichiro Takeuchi</b> MD, PhD Professor Research Interests Cardiovascular emergency ICU Disaster medicine	<b>Neurology and Stroke Medicine</b> <b>Fumiaki Tanaka</b> MD, PhD Professor Research Interests Neurodegenerative disease Neuroimmunological disease Higher brain function	<b>Obstetrics and Gynecology</b> <b>Etsuko Miyagi</b> MD, PhD Professor Research Interests Gynecologic oncology Ovarian cancer Cervical cancer	<b>Ophthalmology</b> <b>Nobuhisa Mizuki</b> MD, PhD Professor Research Interests Molecular genetics Behcet's disease Sarcoidosis	<b>Plastic and Reconstructive Surgery</b> <b>Jiro Maegawa</b> MD, PhD Professor Research Interests Lymphedema Cartilage regeneration Reconstructive surgery	<b>Rehabilitation Medicine</b> <b>Takeshi Nakamura</b> MD, PhD Professor Research Interests Rehabilitation medicine Exercise physiology Para-sports
<b>Oral and Maxillofacial Surgery</b> <b>Iwai Tounai</b> DDS, PhD Professor Research Interests	<b>Otorhinolaryngology-Head and Neck Surgery</b> <b>Nobuhiko Oridate</b> MD, PhD Professor Research Interests Head and neck cancer head and neck squamous cell carcinoma Multimodality cancer treatment	<b>Neurosurgery</b> <b>Tetsuya Yamamoto</b> MD, PhD Professor Research Interests Brain tumor Skull base surgery Particle radiation biology	<b>Urology</b> <b>Masahiro Yao</b> MD, PhD Professor Research Interests Molecular genetics Molecular oncology Genetic diagnosis	<b>Orthopaedic Surgery</b> <b>Tomoyuki Saito</b> MD, PhD Professor Research Interests Osteoarthritis Cartilage metabolism Rheumatoid arthritis	<b>Dermatology</b> <b>Michiko Aihara</b> MD, PhD Professor Research Interests Drug allergy Drug eruption Allergic dermatitis	<b>Radiology</b> <b>Tomio Inoue</b> MD, PhD Professor Research Interests PET MRI Molecular imaging	<b>Anesthesiology</b> <b>Takahisa Goto</b> MD Professor Research Interests Anesthesiology Pain management Critical Care
<b>Oncology</b> <b>Yasushi Ichikawa</b> MD, PhD Professor Research Interests Cancer chemotherapy Palliative medicine Basic research for cancer invasion and metastasis	<b>Ophthalmology &amp; Micro-technology</b> <b>Kazuaki Kadonosono</b> MD, PhD Professor Research Interests Vitrectomy Retina Imaging	<b>General Medicine</b> <b>Mitsuyasu Ohta</b> MD, PhD Professor Research Interests General medicine Clinical reasoning Telediagnosis	<b>Pathology</b> <b>Kenichi Ohashi</b> MD, PhD Professor Research Interests Dialysis amyloidosis Esophageal cancer Lung cancer	<b>Laboratory Medicine</b> <b>Etsuko Yamazaki</b> MD, PhD Associate Professor Research Interests Laboratory hematology Hematology	<b>Infection Prevention and Control</b> <b>Hideaki Kato</b> MD, PhD Lecture Research Interests Infection control Hospital infection HIV infection	<b>Blood Transfusion &amp; Cell therapy</b> <b>Aki Kamijo</b> MD, PhD Associate Professor Research Interests Blood transfusion Biomaterial	
<b>Histology and Cell Biology</b> <b>Kazuyuki Ohbo</b> MD, PhD Professor Research Interests Epigenetics Stem cell Self-renew	<b>Neuroanatomy</b> <b>Kengo Funakoshi</b> MD, PhD Professor Research Interests Phylogenesis Autonomic nervous system Regeneration	<b>Cardiovascular Research Institute</b> <b>Yoshihiro Ishikawa</b> MD, PhD Professor Research Interests Cardiovascular disease Medical device Artificial vessels	<b>Physiology</b> <b>Takuya Takahashi</b> MD, PhD Professor Research Interests AMPA receptor Synaptic plasticity Neuroscience	<b>Biochemistry</b> <b>Kazuhiro Ogata</b> MD, PhD Professor Research Interests Structural biology Molecular modeling Molecular targeted therapy	<b>Molecular Biology</b> <b>Hidehisa Takahashi</b> MD, PhD Professor Research Interests Transcription Transcription elongation Regulation of gene expression	<b>Pharmacology</b> <b>Yoshio Goshima</b> MD, PhD Professor Research Interests Dopa Semaphorin Schizophrenia	<b>Microbiology</b> <b>Akihito Ryo</b> MD, PhD Professor Research Interests Virology Cell biology Proteomics
<b>Immunology</b> <b>Tomohiko Tamura</b> MD, PhD Professor Research Interests Transcription Epigenome Cell differentiation	<b>Molecular Pathology</b> <b>Mitsuko Furuya</b> MD, PhD Associate Professor Research Interests Birt-Hogg-Dubé (BHD) syndrome Gynecological tumors Familial cancer	<b>Regenerative Medicine</b> <b>Hideki Taniguchi</b> MD, PhD Professor Research Interests Regenerative medicine Stem cell iPS cell	<b>Human Genetics</b> <b>Naomichi Matsumoto</b> MD, PhD Professor Research Interests Genetic diseases Genomic disorders Advanced genome technology	<b>Unit of Public Health and Preventive Medicine</b> <b>Masahiko Inamori</b> MD, PhD Professor Research Interests Lifestyle disease Nutritional epidemiology Stress	<b>Biostatistics</b> <b>Takeharu Yamanaka</b> PhD Professor Research Interests Biostatistics Clinical epidemiology Clinical trial	<b>Forensic Medicine</b> <b>Yoko Ihama</b> MD, PhD Professor Research Interests Forensic pathology Marine forensics Negative pressure damage	<b>Medical Education</b> <b>Masahiko Inamori</b> MD, PhD Professor Research Interests Medical education Medical ethics Active learning method

**Dean's Message**

Yokohama City University is located at Yokohama City, which has more than 3.7 million inhabitants and is the second largest city in Japan. The Department of Medicine, Yokohama City University itself has been founded quite recently at 1949. However, its origin came from the Yokohama Naka Hospital which was founded at 1872.

At Yokohama City University, the students have to learn not only basic medicinal knowledge but also recent new researches, such as genetics and regeneration, including iPS cells. We also offer a practical English course for all medical students to meet the need for globalization. Two University Hospitals with about 1,400 beds in total and many branch hospitals located in Kanagawa prefecture, which has nearly 10 million inhabitants, collaborate on the clinical training of medical students including both standard and advanced clinical medicine.

We are proud of our graduates who successfully attained the Japan Board of Medicine certification with very high success rates. Finally, Yokohama City University was ranked as the 2nd university in Japan among 80 medical schools with the success rate of 97.7% in 2018.

We will always welcome all of you to join our program to study medicine and contribute to the progress in medicine for the people in the world.



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

**Director's Message**

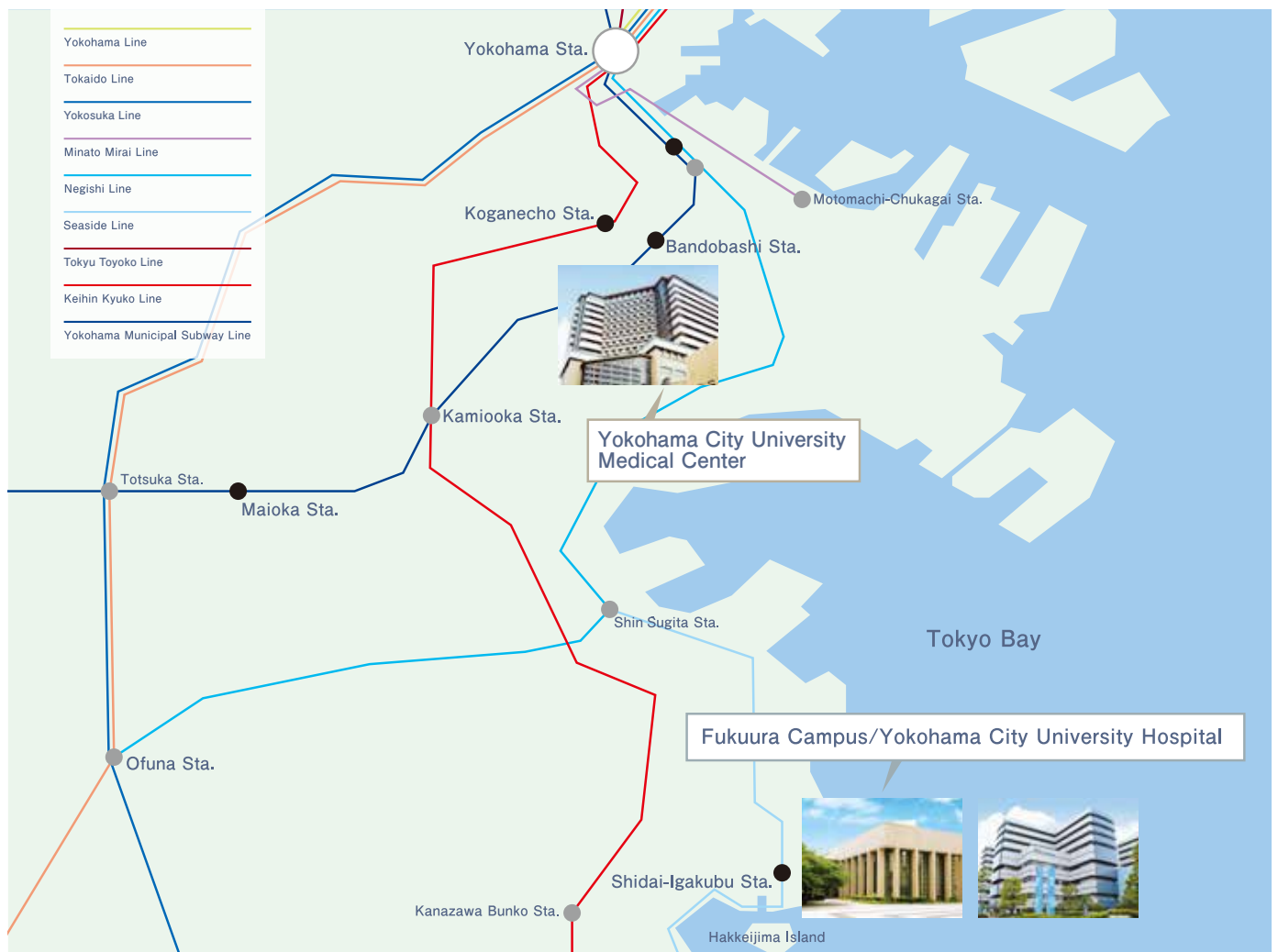
The aim of Yokohama City University (YCU) School of Medicine is to develop physician scientists who can contribute to local or global health care and the development of medical science. Upon restructuring the education systems of our medical school, we are putting more strength than ever before into globalization in order to foster human resources who can cope with new challenges in a complex and globalized society. Multiple approaches are being taken to achieve the goal. Advanced practical English classes for the first grade medical students is an intensive program to promote their English communication skills through interactive training with our excellent faculty members. 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 research 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 2016, the YCU School of Medicine received the inspection of JACME (Japan Accreditation Council for Medical Education) ahead of many other medical schools in Japan. 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



**INQUIRY**

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