REDEFINING MEDICINE, TRANSFORMING HEALTHCARE
The Lee Kong Chian School of Medicine, a partnership between Nanyang Technological University, Singapore (NTU Singapore) and Imperial College London (Imperial), is training a generation of doctors who will put patients at the centre of their exemplary medical care. The School’s primary clinical partner is the National Healthcare Group, a leader in public healthcare recognised for the quality of its medical expertise, facilities and teaching. The School, named after local philanthropist Tan Sri Dato Lee Kong Chian, was officially opened on 28 August 2017 by Deputy Prime Minister Mr Teo Chee Hean. LKCMedicine aims to be a model for innovative medical education and a centre for transformative research.

Graduates of the five-year undergraduate medical degree programme that started in 2013 will have a strong understanding of the scientific basis of medicine, along with interdisciplinary subjects, including engineering, technology and the humanities. Its first doctors will graduate in 2018 with a Bachelor of Medicine and Bachelor of Surgery (MBBS), awarded jointly by NTU and Imperial.
Established in 2010, the Lee Kong Chian School of Medicine (LKCMedicine) is a visionary partnership between Nanyang Technological University, Singapore (NTU Singapore) and Imperial College London (Imperial). Drawing on the strengths of its parent universities, the School has ambitious goals to redefine medicine and transform healthcare through excellence in both medical education and research. With its emphasis on interdisciplinary Team-Based Learning, the School is ideally placed to explore the interfaces of medicine, science and engineering.

As the demands on healthcare are changing with people living longer and the rise in chronic diseases, the way we train doctors has to evolve so they will be well prepared to respond to these changes. LKCMedicine trains doctors with a deep understanding of the scientific basis of medicine; an openness to embrace innovative approaches and technologies in the care they deliver; and an attitude of continual learning to improve their treatments. Most importantly, LKCMedicine seeks to produce doctors who will always put the patient’s needs at the centre of their care.

The School has grown at a remarkable rate, with exceptional student cohorts, a distinguished global faculty and world-class facilities designed to inspire a new generation of medical students and facilitate medical discoveries and innovations. As we move forward, my fellow governing board members and I will continue to work closely with the leadership and management of the School for its continued success. Building on the firm foundation laid down by our various stakeholders including benefactors like the Lee Foundation who have generously supported us from the beginning, I am confident that the School will deliver on its mission to produce doctors you and I would like caring for us.

Mr Lim Chuan Poh
Chairman, Lee Kong Chian School of Medicine Governing Board

LKCMedicine welcomed our inaugural cohort of medical students on 5 August 2013. On that historic day, we welcomed 54 outstanding young men and women. Since then, our cohort size has grown and soon we will welcome 150 or more aspiring young doctors each year, who will work with and learn from some of the best talents in medicine and healthcare.

Since the School’s establishment in 2010, we have developed with Imperial a modern curriculum that is characterised by its innovative approaches. Students are taught by world-class experts, working in teams in a high-tech environment and gaining experience from the start in hospitals, patients’ homes and in all settings where healthcare is delivered. They learn through simulations, refining their skills with the assistance of actors, and benefit from the extensive use of technology, accessing eLearning materials through their iPad anywhere and at any time.

We aim to produce graduates who will excel in their career path, whether they choose to become a surgeon, general practitioner, physician, clinician-scientist, or they take one of the many other diverse routes that will be open to them.

We at the School, with the support of the Ministries of Education and Health as well as our healthcare partners, are committed to giving an outstanding education to our students. Alongside this commitment, we strive to build on the research strengths of Imperial and NTU to make medical discoveries that will benefit society. There is an exciting journey ahead and we are seeking Singapore’s brightest and most talented students to join us.

Professor James Best
Dean, Lee Kong Chian School of Medicine
THE BEST OF BOTH WORLDS

The Lee Kong Chian School of Medicine (LKCMedicine) is a partnership between two world-class universities, Nanyang Technological University, Singapore (NTU Singapore) and Imperial College London (Imperial), to meet Singapore’s 21st century healthcare demands. Our mission is to equip doctors who advance the science and practice of medicine for the good of humanity, the doctors you and I would like to have caring for us. Our mission statement represents our resounding commitment to exploit the best research and medical knowledge to heal the ailing human being.

Bringing the best of Imperial College London to Singapore

Consistently rated among the world’s best universities, Imperial is a science-based institution with a reputation for excellence in teaching and research that attracts 14,000 students and 6,000 staff of the highest quality from around the world. Innovative research at the College explores the interface between science, medicine, engineering and business, delivering practical solutions that improve quality of life and environment – underpinned by a dynamic enterprise culture.

“Developing Singapore’s newest medical school with NTU is a great honour for Imperial, and extends the deep links we have held with the country since its founding. Imperial and NTU share the goal of applying science, engineering and medicine to help us innovate in healthcare and improve the quality of life for our patients. Educating generations of Singapore doctors within this approach, and focusing on their service to and compassion for their patients, will create a profound legacy in LKCMedicine that shall be measured across decades and centuries.”
"The future of healthcare will be shaped by new and exciting technologies at the intersections of engineering, the sciences, medicine and population health. Tapping into the strengths of two renowned universities – NTU and Imperial – LKCMedicine brings together the best of East and West to address the global challenges of health and ageing. We are also proud to pioneer new pedagogies in medical education that give graduates broad perspectives on contemporary practice. This is achieved by integrating the science of medicine with patient-centred care and deep understanding of engineering and humanities. Our future-ready doctors and leaders at the forefront of research excellence in medicine will enhance the quality of health and medical care for Singaporeans for years to come."

Leveraging the strengths of NTU, the world’s fastest rising young university

A research-intensive public university, NTU has 33,500 undergraduate and postgraduate students in the Colleges of Engineering, Business, Science, Humanities, and Arts & Social Sciences. NTU is also home to world-class autonomous institutes and various leading research centres. NTU’s many academic partners include the Massachusetts Institute of Technology, Stanford University, Cornell University, Carnegie Mellon University, Cambridge University, Technische Universität München, Peking University and Waseda University.

Professor Subra Suresh
President and Distinguished University Professor, Nanyang Technological University, Singapore
Redefining Medicine, Transforming Healthcare

OUR VISION

Equipping doctors who advance the science and practice of medicine for the good of humanity. The doctors you and I would like to have caring for us.

OUR MISSION

Humility
We serve with humility and appreciate our individual and collective roles towards advancing medicine and transforming healthcare.

Integrity
We adhere firmly to our principles of ethical conduct and will never compromise the trust others have placed in us.

Compassion
We serve with compassion and dedicate our actions to benefit our patients, society and positively impact lives today and tomorrow.

Continuous Learning
We commit ourselves to continuous learning, innovation and improvement for the advancement of healthcare in Singapore and beyond.

Professionalism
We perform to the highest standards and seek excellence in the science and practice of medicine.
OUR PIONEER BENEFACTORS

In January 2011, the Lee Foundation made a landmark gift of $150 million to the School. In recognition, the School was named Lee Kong Chian School of Medicine, after the founder of the Lee Foundation, renowned business tycoon and philanthropist Tan Sri Dato Lee Kong Chian (1893 – 1967) who set up the Foundation in 1952 to advance education and alleviate poverty amongst other causes. Today, the Lee Foundation is recognised as one of the path-breakers in philanthropy in Singapore.

Half of the Lee Foundation’s gift established an endowment for student financial aid in the form of bursaries, scholarships and other forms of financial aid, while the other $75 million established an endowment to advance medical education and research at LKCMedicine.

Other pioneer benefactors of the School include the Toh Kian Chui Foundation which made a gift of $20 million to establish a Distinguished Professorship, an undergraduate student scholarship and a top student gold medal as well as to further education and research at LKCMedicine; and the E I Parrish Trust which made a $1.96 million gift to establish a bursary to benefit medical students with financial needs.

BUILDING A LEGACY OF GIVING

Even before admitting our first cohort, LKCMedicine has been extremely privileged to be the beneficiary of great generosity. Resounding testimony of our donors’ belief in us, their giving allows us to ensure our students receive the best medical education and training and our faculty can engage in cutting-edge translational research with the potential to impact medicine and healthcare in Singapore and the rest of the world.

Every gift adds to the depth and breadth of education and research at LKCMedicine. Forms of support include:

- Distinguished Professorships
- Chair Professorships
- Postdoctoral Fellowships
- Undergraduate Student Scholarships
- Graduate Student Scholarships
- Medals and Prizes

Some gifts have the privilege of a naming opportunity. In making the gift, the donor can also honour the name or memory of a family member, friend, mentor or corporation in a meaningful way. For every $1 contributed, donors are entitled to $2.50 in tax exemption and every dollar given will be matched one-for-one by the Singapore Government.

Be a part of our legacy of giving. To explore giving to LKCMedicine, please contact Suzanne Lim at suzanne.lim@ntu.edu.sg or +65 6592 1784.
PIONEERING A NEW MEDICAL CURRICULUM

At LKCMedicine, students’ progress through the five years is clearly signposted, with learning outcomes to guide them each step of the way. Each stage of the curriculum has a different area of focus, with different approaches to teaching and learning.

- **YEAR 1**: Integrated science in a medical context 1
- **YEAR 2**: Integrated science in a medical context 2
- **YEAR 3**: Core clinical medicine in practice
- **YEAR 4**: Medicine for all stages of life & in diverse settings
- **YEAR 5**: Preparing for practice as a doctor

- Team-Based Learning
- Hands-on science practicals
- Regular communication skills training
- Early patient contact

- Hospitals across Singapore
- Core Tutors guide learning
- Campus teaching weeks
- Scholarly Projects and Electives
- Student Assistantship Programme

“We prepare our students for the challenges of modern medical practice across the spectrum of medical careers, with an emphasis on patient-centred care, teamwork, scientific rigour and technological innovation. I am delighted to see LKCMedicine giving our students the very best opportunities to develop their talents.”

**Professor Naomi Low-Beer**
Vice-Dean, Education
RAPIDLY AGING SOCIETIES, such as Singapore’s, face formidable challenges. The increasing prevalence of diseases affecting the elderly and escalating medical costs threaten to exceed the capacity of shrinking healthcare workforces and overwhelm healthcare systems. Finding solutions to these challenges is the overriding goal of LKCMedicine Research. Fundamental to our approach is an emphasis on Ageing and Population Health, underpinned by our growing expertise in the key areas: Metabolic Disorders, Neuroscience and Mental Health, Infection and Immunity, Dermatology and Skin Biology along with platforms in Developmental Biology and Regenerative Medicine, Health Services Outcome Research, Chromosome and Genome Biology, and Vascular Biology.

LKCMedicine researchers have access to state-of-the-art platforms and facilities, and work at the centre of international and national networks, delivering world-class science and medicine via collaborative initiatives and Research Centres. By investing in people, creating the best research environment, and tackling healthcare’s most complex translational challenges through interdisciplinary research between clinical and engineering sciences, we undertake transformative science, provide innovative education, and ultimately, change lives for the better.

RESEARCH THEMES

Primary Healthcare
- Singapore Phenome Centre
- Centre for Neuroimaging Research at NTU
- The Health for Life in Singapore Study
- Games for Health Innovations Centre

Population Health
- Metabolic Disorders
- Neuroscience & Mental Health
- Infection & Immunity
- Dermatology & Skin Biology

Global Health
- Centre of Primary Healthcare Research & Innovation
- Centre for Population Health Sciences

Development Biology & Regenerative Medicine
Health Services Outcome Research
Chromosome & Genome Biology
Vascular Biology

Infrastructural Research Support
- Optical Microscopy
- Clinical Research Centre
- Biological Resource Facility & Microbiota Platform
- Zebrafish Disease Modelling & Screening Platform
Ministry of Education (MOE), Singapore, commissions an international panel to conduct a review of medical education in Singapore.

NTU starts to build up its science and research capabilities with the launch of the Chemical & Biomolecular Engineering programme in 2004; School of Biological Sciences in 2005; and School of Physical & Mathematical Sciences in 2009.

Report on “Projected Medical Manpower Needs in the Healthcare Sector” by the Committee on the Expansion of the University Sector identifies the need for more doctors in Singapore.

NTU commissions feasibility study for the establishment of a medical school in Singapore.

In his National Day Rally Speech, Prime Minister Lee Hsien Loong announces that Singapore’s new medical school will be a tie-up between NTU and Imperial. National Healthcare Group (NHG) is identified as primary clinical partner with Tan Tock Seng Hospital providing the main clinical teaching venue.

NTU and Imperial sign the Collaboration Agreement to establish Singapore’s newest medical school.

Lee Foundation makes a landmark gift of $150 million to the new medical school. In recognition, the School is named Lee Kong Chian School of Medicine.

NTU submits proposal to MOE to set up a new medical school.

NTU commences discussion with Imperial College London on the possibility of establishing a joint medical school in Singapore.

LKCMedicine Protem Governing Board holds first advance.

MBBS programme’s External Review* Report and Response successfully completed.
**2012**

**APRIL**
LKCMedicine moves into its restored conservation Headquarters Building at 11 Mandalay Road

**OCTOBER**
LKCMedicine admits its inaugural intake

**2013**

**DECEMBER**
Toh Kian Chui Foundation donates $20 million to LKCMedicine. In recognition, the Annex at LKCMedicine’s Headquarters Building in Novena is named Toh Kian Chui Annex

**2014**

**JANUARY**
Foundation Stone Laying Ceremony of LKCMedicine’s Experimental Medicine Building and Clinical Sciences Building is held. President of the Republic of Singapore Dr Tony Tan Keng Yam graces the event as Guest-of-Honour

**FEBRUARY**
LKCMedicine’s integrated research strategy to address Singapore’s key health challenges is unveiled

**JULY**
Former Head of University of Melbourne’s Medical School, Professor James Best is appointed 1st Resident Dean of LKCMedicine

**AUGUST**
Apollo’s Dream artwork by LKCMedicine’s inaugural cohort is unveiled

**NOVEMBER**
LKCMedicine celebrates the move to the brand new Clinical Sciences Building at the Novena Campus

**2015**

**MAY**
Groundbreaking Ceremony of LKCMedicine’s Novena Campus at 11 Mandalay Road, officiated by Ministers for Health and Education

**DECEMBER**
LKCMedicine celebrates its fifth anniversary

**2016**

**APRIL**
LKCMedicine moves into its restored conservation Headquarters Building at 11 Mandalay Road

**OCTOBER**
LKCMedicine admits its inaugural intake

**AUGUST**
Official Opening of LKCMedicine by Deputy Prime Minister Mr Teo Chee Hean

**NOVEMBER**
Launch of LKCMedicine’s inaugural signature conference – FutureHealth 2017 – by Health Minister Mr Gan Kim Yong

**2017**

**MAY**
MBBS Programme’s Second Stage Review* Report and Response successfully completed

**AUGUST**

**JULY**
Former Head of University of Melbourne’s Medical School, Professor James Best is appointed 1st Resident Dean of LKCMedicine

**NOVEMBER**
Launch of LKCMedicine’s inaugural signature conference – FutureHealth 2017 – by Health Minister Mr Gan Kim Yong

---

*The Second Stage Review is part of Imperial’s quality assurance process. The first stage (referred to here as the External Review) considers the academic programme in detail and determines whether the proposal should be approved. The purpose of the Second Stage Review is to confirm whether the original objectives of the programme have been, and continue to be, met; while providing an opportunity to review the ongoing management of the collaboration; and assuring both awarding institutions that the programme is functioning well. This also ensures that the academic standards achieved by students and the quality of education provided continue to meet the expectations of both institutions.
OUR CORE LEADERSHIP

Professor James Best
Dean

Prof Best is a distinguished medical leader who has dedicated his career to improving treatments for diabetes and kidney disease. Formerly the Head of Melbourne Medical School, he has 30 years’ experience in research, teaching and medical leadership.

As Executive Vice-Dean, Prof Lee plays a key role in establishing LKCMedicine as a world-class medical school and developing LKCMedicine’s strategic partnerships with medical schools, healthcare organisations and research institutions in Singapore and abroad. Previously, he was the Singapore Armed Forces Chief of Medical Corps and Director of Defence Medical & Environmental Research Institute of DSO National Laboratories, Singapore.

Professor Lionel Lee
Executive Vice-Dean

A consultant gynaecologist, Prof Low-Beer oversees the development, delivery and evaluation of LKCMedicine’s innovative curriculum as well as the School’s Medical Education Research and Scholarship Unit. She is also Director of Academic Development at Imperial, where she is responsible for the sharing of good educational practices between both schools.

Professor Naomi Low-Beer
Vice-Dean, Education

Prof Pang is the Deputy Group Chief Executive Officer for Population Health at the National Healthcare Group (NHG) and a Senior Consultant Geriatrician at Khoo Teck Puat Hospital. As Vice-Dean for Clinical Affairs, he oversees the establishment of links with healthcare institutions across Singapore for students’ clinical placements.

Professor Pang Weng Sun
Vice-Dean, Clinical Affairs

An internationally recognised expert in cardiac and skeletal muscle physiology, Prof Ferenczi provides strategic leadership and advice to the Dean and faculty on academic issues. He concurrently serves as NTU Senate Chair and Assistant Dean, Years 1 & 2 of the LKCMedicine MBBS programme. Previously, Prof Ferenczi was Head of Molecular Medicine at Imperial’s National Heart & Lung Institute in London.

Professor Michael A. Ferenczi
Vice-Dean, Faculty Affairs
Nobel Laureate Prof Marshall focuses on treating patients with antibiotic resistant *Helicobacter pylori* infections and leads a team undertaking varied research into the bacterium, from clinical microbiology through to genomics and systems biology. He is Director of the Helicobacter Research Laboratory at the Marshall Centre for Infectious Diseases Research & Training at the University of Western Australia.

A recipient of the NMRC 2017 Singapore Translational Research (STaR) Investigator Award, Prof Chambers’ research focuses on the investigation of genetic and environmental mechanisms underlying obesity, diabetes, cardiovascular disease and related phenotypic disturbances in South Asians. His recent studies have led to the discovery of genetic and epigenetic variation associated with coronary heart disease, type-2 diabetes, obesity, and related metabolic disturbances, implicating new molecular pathways in these complex diseases.

Prof Gulyás is a clinician-scientist whose research focuses on translational neuroscience, with special focus on translational molecular neuroimaging.

A Fellow of the Royal Society and the UK Academy of Medical Sciences, Prof Ingham is internationally recognised for his contributions to the genetic analysis of embryonic development, in particular the mechanisms and functions of the Hedgehog signalling pathway. He has published more than 180 papers in top-ranking journals, including five “Citation Classics” and is a recipient of the Genetics Society Medal and the Waddington Medal. He is also Director of the Living Systems Institute at the University of Exeter, UK.

Prof Chandy is an internationally renowned clinician-scientist who works on potassium channels. Besides being an elected member in the Henry Kunkel Society since 2004, he was also listed in Thomson Reuter’s The World’s Most Influential Scientific Minds 2014 as one of the highly cited researchers in pharmacology and toxicology. He aims to develop targeted potassium channel-based therapeutics for auto-immune, fibro-vascular and metabolic diseases.

Assoc Prof Car is an executive physician-scientist and has an outstanding record of blending academic, policy, management and clinical work. He is an expert in eHealth and mHealth and has a long track record in health systems and population health sciences. He is also the Director of the Centre for Population Health Sciences at LKCMedicine.

As LKCMedicine’s first Professor of Family Medicine & Primary Care, Prof Smith co-leads the new Centre for Primary Health Care Research & Innovation which aims to promote family medicine and primary care as an academic specialty, to deliver the best evidence-based medical care using the latest innovations. Her research focuses on asthma and atopic disorders and evaluation of innovative approaches to patient care, including psychological interventions.

Prof Gruen is a leading clinician-scientist in the fields of surgery and severe injury. He is the Executive Director of NTU Institute for Health Technologies and a Consultant General Surgeon at Tan Tock Seng Hospital.

Assoc Prof Lim is a Defence Science Scholar and is known internationally for introducing the Dual Pathway Model of Heat Stroke. He played a key role in developing the translational research capabilities for soldier health and performance at DSO National Laboratories and in setting up the Singapore Sports Institute, which he helmed as Executive Director. His research focuses on the interaction between physical activity, health and ageing, and the physiological mechanisms that promote and limit work tolerance.
OUR DISTINGUISHED FACULTY

**Professor Walter Wahli**
Professor of Metabolic Disease
A pioneer who achieved worldwide recognition for discovering the medically-relevant Peroxisome Proliferator-Activated Receptors, his research focuses on the genetic control of energy metabolism.

**Professor George J. Augustine**
Professor of Neuroscience & Mental Health
Prof Augustine is internationally renowned for his studies on brain synaptic mechanisms and has developed a series of novel optogenetic technologies with which his team is studying brain circuit function.

**Professor Annelies Wilder-Smith**
Professor of Infectious Diseases
Prof Wilder-Smith is a clinician-scientist who has interests in vaccine preventable diseases and emerging infectious diseases, in particular dengue and Zika, meningococcal disease and influenza.

**Associate Professor Nigel Tan**
Assistant Dean, Year 3
A Senior Consultant Neurologist and Education Director at the National Neuroscience Institute (NNI), he is also Vice-Chair (Education) of NNI’s Neuroscience Academic Clinical Programme. His interests are in assessment and feedback, as well as mentoring in education. He believes in the importance of transformative learning. Besides clinical research, his education research interests lie in clinical reasoning and test-enhanced learning.

**Associate Professor Wong Teck Yee**
Assistant Dean, Year 4 & Family Medicine and Lead for Integrated Clinical Practice
A Senior Consultant Family Physician at Tan Tock Seng Hospital, his previous appointments include Head and Senior Family Physician at Choa Chu Kang Polyclinic, NHG Polyclinics and Assistant Professor at Yong Loo Lin School of Medicine, National University of Singapore.

**Associate Professor Tham Kum Ying**
Assistant Dean, Year 5 and Lead for Emergency Medicine
A Senior Consultant and Education Director at Tan Tock Seng Hospital, she is a much sought-after educator locally and regionally in resuscitation, trauma and emergency medicine, and winner of several teaching awards.

**Associate Professor Chin Jing Jih**
Assistant Dean, Integrated Care and Lead for Professionalism
A Senior Consultant Geriatrician at Tan Tock Seng Hospital (ITSH), Assoc Prof Chin holds several senior leadership positions at TTSH and National Healthcare Group (NHG) including Deputy Chairman, Medical Board at TTSH and NHG Research Ethics Committee Chair. He is also a board member of the Agency for Integrated Care and the Medical Advisory board member of the Ang Mo Kio – Thye Hua Kwan Hospital.

**Associate Professor Kwek Tong Kiat**
Assistant Dean, Admissions and Lead for Critical Care & Applied Physiology
A Senior Consultant Anaesthesiologist at Tan Tock Seng Hospital (ITSH), Assoc Prof Kwek is also the Assistant Chairman, Medical Board for Clinical Development at TTSH and a Senior Consultant to the Ministry of Health for the National Deceased Donor Programme. A passionate educator, he has won numerous teaching accolades and is an Examiner for the local Master of Medicine (Anaesthesiology) Part 1 and 2 examinations.

**Dr Tanya Tierney**
Assistant Dean, Clinical Communication Training & Student Welfare
Dr Tierney is a medical educator with a specific interest in patient-centred communication and simulation-based teaching. She is experienced in curriculum development, assessment methodology and student support processes, and continues to pursue qualitative research in medical education and practice. She retains an honorary lecturer post in clinical communication at Imperial.

**Professor David Becker**
Professor of Tissue Repair & Regeneration
Prof Becker focuses on improving wound healing and reducing the negative effects of infection and inflammation.

**Professor Walter Wahli**
Professor of Metabolic Disease
A pioneer who achieved worldwide recognition for discovering the medically-relevant Peroxisome Proliferator-Activated Receptors, his research focuses on the genetic control of energy metabolism.
OUR DISTINGUISHED FACULTY

Professor Dean Nizetic
Professor of Molecular Medicine

Prof Nizetic is a leading researcher and opinion-maker in stem cell modelling of human diseases, in particular Alzheimer’s dementia, ageing and cancer through his studies on Down syndrome.

Professor Sven Pettersson
Professor of Metabolic Disorders

A leading clinician-scientist, Prof Pettersson is internationally recognised for his research into the gut microbiota and their impact on developmental biology, organ maturation in early life as well as their role in chronic inflammation and cancer.

Associate Professor Eric Yap Peng Huat
Associate Professor of Human & Microbial Genetics

Assoc Prof Yap, a medical geneticist and former Rhodes Scholar, is a pioneering medical defence scientist whose work focuses on developing molecular and genomic technologies for rapid detection of infectious and genetic diseases. The goal is to improve disease diagnosis at the point-of-care, particularly in low-resource settings.

Associate Professor Kevin Pethe
Associate Professor of Infectious Diseases

Assoc Prof Pethe is recognised for his contribution to chemical genomics and drug discovery for tuberculosis, providing fundamental insights into the pathogenesis of Mycobacterium tuberculosis and strategies to discover novel antibacterial agents.

Associate Professor Suresh Jesuthasan
Associate Professor of Behavioural Neurosciences

Assoc Prof Jesuthasan is internationally recognised for his contributions to our understanding of early embryonic development and the regulation of brain states, including work on fear. His current work focuses on the control of neuromodulators that are relevant to mood and neurological disorders.

Associate Professor Karen Carmelina Crasta
Nanyang Associate Professor, National Research Foundation
Genomic Instability & Cancer Laboratory Principal Investigator

Assistant Professor Ch’ng Toh Hean
Nanyang Assistant Professor
Neurobiology of Long-Term Memory Laboratory Principal Investigator

Assistant Professor Anna Barron
Nanyang Assistant Professor
Neurobiology of Ageing and Disease Laboratory Principal Investigator

Assistant Professor Yusuf Ali
Molecular & Cellular Dysfunction in Diabetes Laboratory Principal Investigator

Assistant Professor Wang Xiaomeng
Vascular Biology Laboratory Principal Investigator

Assistant Professor Foo Jia Nee
Nanyang Assistant Professor and National Research Foundation Fellow
Genetics and Genomics of Neurological Diseases Laboratory Principal Investigator

Assistant Professor Yasunori Saheki
Nanyang Assistant Professor
Cell Biology & Molecular Neuroscience Laboratory Principal Investigator

Assistant Professor Wu Wei Meng
Cell Signalling and Tissue Regeneration Laboratory Principal Investigator

Assistant Professor Xia Yun
Nanyang Assistant Professor
Stem Cell Lineage Specification & Organ Regeneration Laboratory Principal Investigator

Assistant Professor Luo Dahai
Nanyang Assistant Professor
Molecular Mechanisms of Viral Infection & Host Defence Laboratory Principal Investigator

Assistant Professor Sanjay Chotirmall
Translational Respiratory Research Laboratory Principal Investigator

Assistant Professor Hiroshi Makino
Nanyang Assistant Professor
Systems Neuroscience Laboratory Principal Investigator

Assistant Professor Guan Xue Li
Nanyang Assistant Professor
Systems Biology of Lipid Metabolism in Human Health and Diseases Laboratory Principal Investigator

Assistant Professor Guan Xue Li
Nanyang Assistant Professor
Systems Biology of Lipid Metabolism in Human Health and Diseases Laboratory Principal Investigator

Associate Professor Suresh Jesuthasan
Associate Professor of Behavioural Neurosciences

Associate Professor Karen Carmelina Crasta
Nanyang Associate Professor, National Research Foundation
Genomic Instability & Cancer Laboratory Principal Investigator

Associate Professor Ch’ng Toh Hean
Nanyang Assistant Professor
Neurobiology of Long-Term Memory Laboratory Principal Investigator
No two days are alike for students at Singapore’s newest medical school, where the pioneering cohorts have plenty of opportunity to create the best student experience. Outside the classroom, our students are busy with a diverse range of activities, from sports to dance, music and games. They also play a key role on governance and administrative committees of the School. Complementing the vast array of activities available at NTU, the School’s Medical Society and House System allow our students to shape an experience unique to the medical school. The House System ensures students feel welcome and valued, not just by their fellow House members but by personal House Tutors allocated to each student for guidance and mentorship. The School’s dedicated Student Voice ensures student feedback and suggestions are attended to and any action taken is communicated back to them.

Our students are also given the chance to link up with Imperial College London through a series of pioneering exchange programmes, which expose them to student life, the learning environment and medical practice at Imperial. Besides these exchanges, our students embark on regular community projects, serving with compassion and dedication to benefit not just patients but the wider society in Singapore and beyond. Under the guidance of our committed faculty, our students have already made an impact in many communities here and in the region.
HEALTHCARE PARTNERS IN SINGAPORE AND BEYOND

As our student numbers grow, we are engaging all three regional healthcare clusters – our primary clinical partner the National Healthcare Group (NHG), Singapore Health Services (SingHealth) and National University Health System (NUHS) – to provide a wide range of training sites for our students’ Clinical Postings in various disciplines, Selectives and Electives, Scholarly Projects and the Student Assistantship Programme. Farrer Park Hospital and Raffles Medical Group are also teaching sites for our students, making them the first private hospitals in Singapore to be officially involved in undergraduate medical education.

Hospital Partners

- Tan Tock Seng Hospital
- KK Women’s and Children’s Hospital
- Khoo Teck Puat Hospital
- National University Hospital
- Ng Teng Fong General Hospital
- Singapore General Hospital
- Changi General Hospital
- Farrer Park Hospital
- Raffles Hospital

"A diverse range of clinical sites is crucial for the training of medical students. Apart from adding diversity in teaching and training, exposure to other training sites will allow our graduating students to have more options for future careers including Residency training."

Professor Pang Weng Sun
Vice-Dean, Clinical Affairs

ENGAGING OUR PARTNERS

Clinical postings in Year 3 and 4: Paediatrics, O&G, Critical Care, Emergency Medicine, Geriatrics, Palliative Medicine, Psychiatry Medicine, Surgery and Orthopaedics. Students will learn from tutors in these departments.

Scholarly Projects in Year 4: Students may spend six weeks working on projects at selected healthcare institutions.

Electives/Selectives in Year 5: Students embark on an overseas Elective where they experience a different healthcare environment, and a home-based Selective where they can further their experience in a specialty of their choice.

Student Assistantship Programme (SAP) in Year 5: Students understudy House Officers on wards while continuing under the supervision of senior LKCMedicine faculty in preparation for their Post-Graduate Year 1.
New Dual Campus with Learner-Centred Facilities

LKCMedicine’s dual campus is a 21st century purpose-built and sustainable medical campus with learner-centred facilities that support a vibrant student life as well as advanced facilities for world-class research. They have been designed specially to promote collaborative learning and interaction among staff, students and researchers, while advancing research collaborations across groups. The campus’ key facilities include learning studios, seminar rooms and alcove clusters, facilitating Team-Based Learning. Teaching and research laboratories as well as a host of recreational facilities complement the teaching and learning that takes place at the School’s partner healthcare sites. Together they support the School’s integrated curriculum and its pedagogy, using small and large group interactive seminars, Team-Based Learning, extensive use of eLearning and clinical simulation.

1. Experimental Medicine Building at NTU’s Main Campus in Jurong West
2. Clinical Sciences Building located at the heart of HealthCity Novena
3. LKCMedicine Headquarters
4. Learning Studio
5. Anatomy Learning Centre with alcoves
6. Medical Library
Partnerships that move the future is the concept behind the shape of the logo which is inspired by the DNA helix. The logo depicts two polygons clasped together, akin to a handshake, an interlocking structure that supports and creates a new whole. Our logo celebrates vibrant confluence at several levels: the meaningful partnership between our two parent universities – NTU and Imperial, the synergy between teacher and student as well as doctor and patient, and the deeper affinity with humanity. The logo is swathed in ‘Synergy Purple’ and ‘Noble Grey’, exuberating LKCMedicine’s passion to transform the landscape of healthcare. Born from the union of the NTU red and Imperial blue, Synergy Purple celebrates LKCMedicine’s parentage while exuding a fresh dynamism of its own. Noble Grey is stately, practical and timeless. It represents the noble traditions and values of the medical profession, the solid foundation upon which LKCMedicine builds, in its quest to change the future of healthcare. With its energetic colour combination and fluid angular shape, as a whole the logo strides forward with momentum, connoting transformation and progress.