



NANYANG
TECHNOLOGICAL
UNIVERSITY
SINGAPORE

LEE KONG CHIAN SCHOOL OF
MEDICINE

PHD BY RESEARCH PROGRAMME





A Diverse and Vibrant PhD Community

Our PhD student community is vibrant and diverse, bringing together students from every continent and a broad range of backgrounds, including natural sciences, medicine, engineering, computing and social sciences.

Graduates will gain expertise in scientific fundamentals and translational medical research methods.





Application Opening and Deadlines

Intake	Application Window	Outcome Release
August 2027	1 October 2026 – 31 December 2026	By June 2027
January 2028	1 June 2027 – 30 June 2027	By November 2027

Mode of Study and Candidature

The programme is open to both local and international applicants. Candidates may pursue PhD studies on a full-time or part-time basis and are expected to complete the programme within four years.

Admission Criteria and Eligibility

- A Bachelor's degree with at least a Distinction or Second Upper Class Honours (or equivalent), or a Bachelor of Medicine and Bachelor of Surgery (MBBS)
- Confirmation from a proposed supervisor to supervise your PhD studies
- Proof of English proficiency:
 - TOEFL iBT ≥ 100 or IELTS ≥ 6.5 (test results must be within two years), **or**
 - A letter from the university confirming that the medium of instruction for your Bachelor's or Master's degree was fully in English
- GRE General Test scores are optional (test results must be within five years)
- Applicants are strongly encouraged to include the following in their CV
 - A list of publications (e.g. first author, co-first author)
 - Conference presentations (if you were the presenter)
 - Relevant research experience obtained after completing a Bachelor's degree



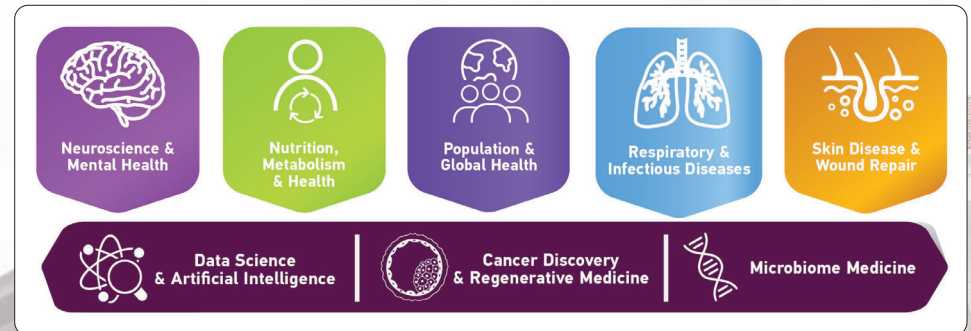
Scan here for
Application Checklist &
Available Scholarships



Research Area and List of Available Research Projects

With over 60 accomplished faculty members across five research programmes and three cross-cutting research themes, the LKCMedicine PhD by Research Programme offers students the opportunity to be mentored by leading experts in their respective fields.

This programme is designed to equip students with the essential skills and knowledge required to conduct research in one of the following domains:



Candidates are required to contact proposed supervisors to discuss potential research opportunities and secure at least one supervisor who will supervise your PhD studies.



Scan here to view Available
Research Projects



Journey to Achievement: Testimonials from Our PhD Graduates

Dr Vanessa Kristina Wazny

Doctor of Philosophy (PhD), Class of 2025



The PhD community was a mix of clinicians and scientists, and this diversity shaped the way I approached research. We learned from each other's perspectives. During my first year, I did a clinical attachment where I met patients living with conditions my research aimed to impact. That experience gave me a profound sense of purpose and motivated me to push through challenges knowing that the work could one day improve lives. My supervisor gave me freedom to explore my interests while keeping me grounded with guidance. I was given the space to fail and learn from it which helped me develop resilience and confidence as an independent researcher. We worked closely with NTUitive to secure a patent, and I had the chance to collaborate with a group at Stanford, resulting in co-authorships. I'm grateful to have been part of a programme that combined rigorous science with real-world impact. It made the PhD journey not only rewarding but also deeply meaningful.

Journey to Achievement: Testimonials from Our PhD Graduates

Dr Lai Kei Onn

Doctor of Philosophy (PhD) in Medicine, Class of 2024



Graduating with my PhD feels like the completion of a marathon—a journey that challenged me and fostered immense growth, both as a scientist and as a person. It's a true honour to have completed this PhD at LKCMedicine, under the mentorship of Dr Anna M. Barron. The experiences and knowledge gained throughout this journey have profoundly shaped my approach to research and reinforced my commitment to advancing scientific discovery.

Dr Mark Chan Boon Pho

Doctor of Philosophy (PhD) in Medicine, Class of 2024



My PhD journey was fueled by challenges, particularly the challenge of overcoming my own limitations. I am deeply grateful to my family and friends, both old and new, for their unwavering love and support throughout this journey. Most importantly, I owe immense gratitude to my mentor, Prof Eric Yap, for his unconditional guidance, motivation, and for never giving up on me. Because of you all, I have achieved one of my greatest goals in life. Persevering through a pandemic by transitioning from lab bench work to bioinformatics added another layer of complexity to my research, making this achievement even more meaningful and exciting.

Dr Lo Zhiwen

Doctor of Philosophy (PhD) in Medicine, Class of 2024



Reflecting on my journey at LKCMedicine, I faced significant challenges in merging clinical practice with research, and the invaluable mentorship of Professor Josip Car and Professor Keith Harding was crucial in overcoming them. The insights I gained from my patients, along with the unwavering support of my family—especially my wife Jia Hui and our daughters, Joy and Grace—fueled my determination. This achievement is a testament to my commitment to advancing medicine and translating research into meaningful improvements in patient care.



<https://www.ntu.edu.sg/medicine/education/graduate-programmes/phd-by-research-programme>

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