

ACADEMIC PROFILE

Name	KYI KYI THA
Present Position	Senior lecturer & Academic Coordinator, BMedSc (Hons) program, Jeffrey Cheah School of Medicine & Health Sciences, Monash University Malaysia
E-mail	tha.kyi.kyi@monash.edu
Tel	603 55145623

Academic Qualification

2011- 2013 GCHE (Graduate Certificate in Higher Education, Monash University)
1997- 2001 Ph.D. (Pharmacology) (Hokkaido University, Japan)
1984- 1990 M. B., B. S. (University of Medicine (2) Yangon, Myanmar)

Memberships/Professional affiliations

Myanmar Medical Council, Myanmar (since 1991)
Malaysian Medical Council, Malaysia (since 2011)
Monash University Institute of Graduate Research (MIGR) Level 2 (since 2012)
National Health Education and Training in Simulation (NHET-SIM) alumni (since 2014)
International Society for Neurochemistry (ISN) (2015-2017)

Monash teaching commitment

Undergraduate Medicine Teaching: Early clinical years (Year 1 & 2) Pharmacology, Clinical Skills, Problem Based Learning, Inter-professional Learning, Concept, Consolidations and Active Learning sessions

Academic Coordinator, BMedSc (Hons) program

Postgraduate supervision

Current Postgraduate Research Supervision

1. Ms. Jamuna Rani Appalasaamy, PhD program, Monash University Malaysia (2016-2019) A study of personalized intervention related to medication taking behaviour to reduce medication non-adherence among stroke survivors [main supervisor]
2. Ms. Maeirah Ashaie, PhD program, Monash University Malaysia (2015-2018)
Perturbation of cell-cell and cell-macromolecule interactions and their associated signaling cascades by biodegradable nanoparticle-assisted delivery of siRNA and study of consequential chemosensitization of breast cancer [Co-supervisor]
3. Mr. Emranul Karim, Master program, Monash University Malaysia (2016-2018) Fabrication and evaluation of biodegradable Inorganic-organic hybrid nanoparticles as potential tools for targeted delivery of genes and SiRNAs into breast cancer cells [Co-supervisor]

Young scholars program: Supervision of the students of Young Scholar Program, Jeffrey Cheah School of Medicine & Health Sciences, Monash University Malaysia: Pharmacology made EASIER (2016-2017) Development of an e-learning primer module in Moodle (A Virtual Bridge) on Cardiovascular system (2013-2014).

Research/education interests or clinical focus

Neuropharmacology, Clinical Pharmacology, Breast Cancer, Clinical skills, Medical education

Research/education impact

Research grants

- (1) **“Treating Breast Cancer through Delivery of Tumor Suppressor Genes and Small Interfering Rnas Targeting Growth Factor Receptor and Anti-Apoptotic Gene”** funded by Global Asia in the 21st Century (GA21) platform, Health and Wellbeing Cluster, Monash University Malaysia (2018-2019) RM 10,000 [Principal Investigator]
- (2) **“Perturbation of cell-cell and cell-extracellular matrix (ECM) interactions and associated signaling cascades with exploration of their chemosensitization roles in breast cancer”** funded by Fundamental Research Grant Scheme, Ministry of Higher Education, Malaysia (2016-2019) RM 116,200 [Principal Investigator]
- (3) **“Sustainable Integrated Traffic Ecosystem (SITE)”** funded by Monash University Sustainable Community Grant Scheme (2018-2020) [Co-Investigator]
- (4) **“Development of New Tools for the diagnosis and Management of Dengue in Local Community”** funded by Community longitudinal research for Medicine & Health, Ministry of Science, Technology and Innovation (MOSTI) Malaysia (2015- 2018) RM 500,000 [Co-Investigator]
- (5) **“Development and evaluation of an Interactive e-learning module for active learning of gastrointestinal diseases pharmacotherapy”** funded by Better Teaching Better Learning (BTBL) Education Grant, Monash University Malaysia (2016-2017) RM 40,000 [Co-Investigator]
- (6) **“Beating Brucellosis through Continuous Professional Education (CPE) – Update and Needs Analysis for Veterinary and Healthcare Stakeholders”** Funded by Multidisciplinary research platform (Education), Monash University Malaysia (2016) RM1,000 [Co-Investigator]
- (7) **“Perception and understanding of use of complementary and alternative medicine for treatment of chronic hepatitis B: Malaysian Perspective”** funded by Infection & Immunity Research Cluster, Monash University Malaysia (2012-2014) RM 30,000 [Principal Investigator]
- (8) **“Development and evaluation of pilot e-learning module for developing competencies in histopathology diagnosis”** funded by Faculty of Sciences, Monash University Malaysia (2013-2014) RM 7,000 [Co-Investigator]

Publications (Past 5 years)

Journal articles

Karim, M. E., Tha, K. K., Othman, I., Uddin, M. B., Chowdhury, E. H. (2018) Therapeutic Potency of Nanoformulations of siRNAs and shRNAs in Animal Models of Cancers, *Pharmaceutics*, 10(2), 65; <https://doi.org/10.3390/pharmaceutics10020065>

Uddin, M. B., Pillai, B. B., Tha, K. K., Ashaie, M., Karim, M. E., Chowdhury, E. H. (2018) Carbonate Apatite Nanoparticles-Facilitated Intracellular Delivery of siRNA(s) Targeting Calcium Ion Channels Efficiently Kills Breast Cancer Cells, *Toxics*, 6, 34; doi:10.3390/toxics6030034

Appalasamy, J., Tha, K. K., Quek, K. F., Seeta Ramaiah, S., Joseph, J. P., Md Zain, A. Z. (2018) The effectiveness of culturally tailored video narratives on medication understanding and use self-efficacy among stroke patients, *Medicine*, 97(22):e10876. doi: 10.1097/MD.00000000000010876.

Ashaie, M. A., Othman, I., Tha, K. K., Chowdhury, E. H. (2018) Delivery of E-cadherin (CDH1) gene and epidermal growth factor receptor (EGFR) siRNA, using carbonate apatite as a promising vehicle in treatment of breast cancer, *Annals of Oncology*, 29 (suppl_3): iii10-iii34. 10.1093/annonc/mdy047 (Abstract only).

Tha, K. K., Ng, C. J., Tong, W. T., Kadar, S. A., Low, W. Y., Mohamed. R. (2014) Why do patients with hepatitis B use complementary and alternative medicine? *Hepatology International*, Volume 8, Issue 1 Supplement, 2014, Asia Pacific Association for the Study of Liver (APASL 2014), Brisbane, Australia, ISSN: 1936-0533 (Print) 1936-0541 (Online).

Tha, K. K., Ng, C. J., Tong, W. T., Kadar, S. A., Low, W. Y., Mohamed, R. (2013) A qualitative study of medical doctors' views and experiences on complementary and alternative medicine in chronic hepatitis B, *Journal of Gastroenterology and Hepatology*, vol 28 (Suppl 3) ISSN 0815-9319 (Print) and ISSN 1440-1746 (Online) WILEY Blackwell (abstract only).

Conference Proceedings & presentations

Tha, K. K. (2018) Enhancing undergraduate medical student experience through active learning: opportunities and challenges, *Proceedings of the 8th International Conference on Education and New Learning Technologies EDULEARN 18*, 2-4 July 2018, Palma, Spain, IATED publication (ISBN 978-84-09-02709-5).

Appalasamy, J., Tha, K. K., Quek, K. F., Seeta Ramaiah, S., Joseph, J. P., Md Zain, A. Z. (2018) Video narratives: its influence on self-efficacy of medication understanding and usage among patients with stroke, poster competition, *HKL Research day*, 30 August 2018

Appalasamy, J., Seeta Ramaiah, S., Joseph, J. P., Tha, K. K., Quek, K. F., Md Zain, A. Z. (2018) Narratives as a technique to improve medication understanding and use self-efficacy in stroke: content development using modified Delphi method, *ESOC 2018*, 16-18 May 2018, Gothenburg, Sweden.

Ashaie, M. A., Othman, I., Tha, K. K., Chowdhury, E. H. (2018) Delivery of E-cadherin (CDH1) gene and epidermal growth factor receptor (EGFR) siRNA, using carbonate apatite as a promising vehicle in treatment of breast cancer, *TAT 2018 International conference on targeted anticancer therapy*, 5-7 March Paris, Poster (abstract) [**European Society for Oncology Travel Grant award**]

Chowdhury, E. H., Tha, K. K. (2018) Impact of nanotherapeutics in transforming the medicine, *10th Annual union and scientific symposium*, Keynote speech, 30 June 2018, New York, USA.

Chia, Y. L., Sen, A., Tha, K. K., Lee, C. Y. (2017) An effective e-learning module for gastrointestinal disease pharmacology, *Proceedings of the 11th International technology, education and development conference (INTED2017)*, Sharing the passion for learning, 6-8 March 2017, Valencia, Spain.

Lau, W. M., Tha. K. K., Pusparajah, P. (2017) Students inspired Feedback OSCE- A Pilot Study, 7th International Clinical Skills Conference, 23 May 2017, Prato, Italy.

Lau, W. M., Tha. K. K., Pusparajah, P. (2017) Students inspired Feedback OSCE: Flexibility and Innovation, Monash Medicine Curriculum Conference 2017, 21 July 2017, Clayton, Australia.

Tha, K.K. (2016) Enhancing learning and the undergraduate experience through community based practice, *Proceedings of the 8th International Conference on Education and New Learning Technologies EDULEARN 16*, 4-6 July 2016, Barcelona, Spain, IATED publication (ISBN 978-84-608-8860-4/ ISSN 2340-1117)

Tha, K. K., Selvaratnam, L., Cho, C.W., Sen, A., Ton, S. H. (2016) Critical determinants in online module design for undergraduate health science students and laboratory-based medical scientists, 4th South East Asian Regional Association of Medical Education (SEARAME), 16-18 November 2016, Yangon, Myanmar.

Tha, K. K. (2015) Enhancing quality assurance and best practice contribution in teaching through peer review: Self-reflective experience, *Proceedings of the 9th International Technology, Education and Development Conference (ITED 2015)*, 2 – 4 March 2015, Madrid, Spain (ISBN 978-84-606-5763-7) pp1177-1203. Abstract CD (ISBN 978-84-606-5761-3)

Tha, K.K., Ng, C.J., Tong, W. T., Kadar, S. A., Low, W. Y., Mohamed, R. (2014) Why do patients with hepatitis B use complementary and alternative medicine? *Asia Pacific Association for the Study of Liver (APASL 2014)*, Brisbane, Australia [**poster of distinction award**]

Cho, C.W., Sen, A., Tha, K. K., Selvaratnam, L., Ton, S. H. (2014) Design guidelines for developing competency based e-learning module in professional education for Biomedical sciences, 8th *International Technology, Education and Development Conference (ITED 2014)* Valencia, Spain, 10-12th March, 2014.

Sandhu, S., Teng, T. M., Tha, K. K., Sen, A., Yasin, S. (2014) Virtual bridge: A novel interactive web based e-primer course (IWEPC) for ubiquitous learning for pre-university students preparing for medical or allied health care courses, *International Medical Education Conference 2014*, Kuala Lumpur, Malaysia.

Tha, K. K., Tong, W. T., Kadar, S. A., Ng, C. J., Lee, V. K. M., Liow, S. M., Low, W. Y., Mohamed, R. (2014) Attitude towards complementary and alternative medicine (CAM) use for treatment of infections among undergraduate students in Malaysia, *International Medical Education Conference 2014*, Kuala Lumpur, Malaysia.

Dhillon, H. K. S., Sadasivan, S., Tha, K. K., Chong, D., Selvaratnam, L., Navaratnam, P. (2014) Towards enhancing a rural health placement experience: Student centred focus group discussion, *Proceedings of the Second Dubai International Conference in Higher Education, Succeeding Success Through Innovation*, ISBN-10:1627345191, ISBN-13:9781627345194, Brown Walker Press, Boca Raton, Florida, USA.

Dhillon, H. K. S., Sadasivan, S., Tha, K. K., Chong, D., Selvaratnam, L., Navaratnam, P. (2014) Innovative enhancement to year 2 MBBS rural health programme experience at Segamat, Malaysia, *Proceedings of the Second Dubai International Conference in Higher Education, Succeeding Success Through Innovation*, ISBN-10:1627345191, ISBN-13:9781627345194, Brown Walker Press, Boca Raton, Florida, USA.

Tha, K. K., Ng, C. J., Tong, W. T., Kadar, S. A., Low, W. Y., Mohamed, R. (2013) A qualitative study of medical doctors' views and experiences on complementary and alternative medicine in chronic hepatitis B, *Gastro 2013, World Congress of Gastroenterology*, Shanghai Expo Center, Shanghai, China.

Tha, K. K. (2013) Innovation and Transformation of Practical teaching in Private University Malaysia, *TIC 2013 (Innovation and Transformation in Learning & Teaching), TARC International Conference*, 21-22 October 2013, Kuala Lumpur, Malaysia.

Tha, K. K., Selvaratnam, L., Dhillon, H. K. S., Sadasivan, S., Chong, D., Navaratnam, P. (2013) Enhancing the role of culture in Medical Education for Rural Postings in Malaysia, *Proceedings of the First Dubai International Conference in Higher Education, Succeeding in the Pursuit of Quality*, ISBN-10: 1612337031, ISBN-13: 9781612337036, Brown Walker Press, Boca Raton, Florida, USA.

Tha, K. K., Selvaratnam, L., Dhillon, H. K. S., Sadasivan, S., Chong, D., Navaratnam, P. (2013) Enhancing the role of culture in Medical Education for Rural Postings in Malaysia, *The Dubai International Conference in Higher Education, Succeeding in the Pursuit of Quality*, 28th -29th January 2013, Michigan State University Dubai, UAE.

Research and Teaching Experience

2011- present	Senior lecturer Academic coordinator , BMedSc (Hons) program Jeffrey Cheah School of Medicine & Health Sciences, Monash University Malaysia
2006- 2011	Assistant Professor , Department of Basic Medical Science, Faculty of Pharmacy, International Islamic University Malaysia, Kuantan, Pahang Darul Makmur, Malaysia.
2003- 2005	Consultant Pharmacologist & General Practice , Private Clinic, Yangon, Myanmar.
2001- 2003	Senior Lecturer , Department of Pharmacology, University of Medicine (1) Yangon, Myanmar.
1997-2001	Researcher & Ph. D. student , Department of Pharmacology, Graduate School of Pharmaceutical Sciences, Hokkaido University, Japan.

- 1992-1997 **Lecturer**, Department of Pharmacology, University of Medicine (2) Yangon, Myanmar.
- 1991-1992 **Research Officer** in Clinical Research Unit, Defence Services General Hospital, Yangon, Myanmar.
- 1990-1991 **House Officer** in Medicine, Surgery, Obstetric & Gynaecology and Paediatrics at the North Okkalapa General Hospital, Ministry of Health, Yangon, Myanmar.

Other information related to academic & research activities

1. Contribution in the full accreditation of BMedSc (Hons) program (2013 and 2018)
2. Facilitator of the Continuing Education Excellence Development (CEED) Foundations for Effective Teaching (FET) (2017 & 2018)
3. Reviewer of the Asia Pacific Journal of Public Health (APJPH) <http://journals.sagepub.com/home/aph>
4. Community research projects:

Sunway Sustainable Smart City Project (2018-2020):

Currently contributing as a co-investigator of the multidisciplinary Sustainable Integrated Traffic Ecosystem (SITE) project in collaboration with School of Business, School of Engineering, School of Information & Technology, Monash University Malaysia, Sunway group and Smart Selangor.

Community Based Dengue Study (2015-2018): Dengue Community based dengue project at Segamat and Shah Alam, Selangor State in collaboration with Monash University Malaysia and Ministry of Health, Malaysia.

Professional Networks

ORCID: <https://orcid.org/0000-0002-7018-4867>

Research Gate: https://www.researchgate.net/profile/Kyi_Tha2

LinkedIn: <https://www.linkedin.com/in/tha-kyi-410585106/>

Google scholar:

<https://scholar.google.com/citations?user=LKbHjWAAAAAJ&hl=en&oi=sra>