

Our Team

Histopathology Facility / Advanced Molecular Pathology Lab (AMPL)

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Soo Yong TAN

Head, Histopathology & AMPL

Senior Principal Investigator

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Soo Yong TAN – Head, Histopathology & AMPL

Dr Tan Soo Yong obtained his medical qualifications from the National University of Singapore and thereafter underwent postgraduate training in Forensic Pathology under the late Prof Chao Tzee Cheng in Singapore and Prof Michael Green in the University of Sheffield, United Kingdom. Qualifying in both forensic and histopathology, he is a Fellow of the Royal College of Pathologists (UK) and a Diplomat of the Society of Apothecaries of London. Dr Tan obtained his PhD from Oxford University, working in the field of haematopathology.

He is currently Associate Professor in Duke-NUS Graduate Medical School, a Senior Consultant and Clinician Investigator in the Department of Pathology, Singapore General Hospital and Senior Consultant to the Ministry of Health, Singapore. Apart from heading the Advanced Molecular Pathology Laboratory (AMPL), he also holds concurrent appointments as Director of the Singhealth Tissue Repository, Senior Principal Investigator at the Institute of Cell and Molecular Biology (IMCB), Chief Examiner in Pathology, Chairman of the Residency Advisory Committee for Pathology and Visiting Professor to University Malaya. He also sits on the Editorial Board of two pathology journals.

Dr Tan has multiple administrative and advisory roles including Consultant to Johnson & Johnson, Inc., member of the Diagnostic Hotspot Advisory Panel, Exploit Technologies, Singapore's representative to the Advisory Board of the IAEA, Chairman of the Biobanking

Subcommittee, Asian Network of Research Resource Centres (ANRRC) and International Advisor (West Pacific) of the Royal College of Pathologists (UK).



Ravisankar Rajarethinam - Project Leader

After graduation in Veterinary Medicine, Dr. Ravi specialized in Veterinary Pathology from Tamil Nadu Veterinary University, India and received his doctorate in Veterinary Pathology at Indian Veterinary Research Institute, India. With active practice in toxicology, he became board certified toxicologist and certified by American Board of Toxicology, Inc.

Dr. Ravi has multiple roles of research experience in non-clinical drug discovery and development for over fifteen years. He mainly involved in safety and efficacy assessment of novel compounds of small and large molecules in leading pharmaceutical companies such as Glenmark Pharmaceuticals, Ranbaxy Research Laboratories and Syngene International Ltd. (Biocon Company) in India. He provided expert scientific guidance, including study design, conduct of the study, interpretation of study data and preparation of study report.

At present, Dr. Ravi oversees the laboratory management & activities and performs as research veterinary pathologist for basic as well as translational research. He is also involved as a study director in *in vitro* toxicology (alternate to animal testing)/ *in vivo* toxicology studies under GLP environment. His research interest is mainly focused on non-clinical toxicity studies, toxicologic pathology, biomarker discovery and animal models of human diseases.



Susan Hue Swee Shan - Medical pathologist (joint appointment)

Dr Susan Hue Swee Shan was awarded with MBBS-PhD Scholarship by Agency for Science, Technology and Research (A*STAR) in 2000. She obtained her medical qualifications from National University of Singapore and her PhD from Imperial College London, under the Department of Immunology. She underwent further postgraduate specialty training and qualified as a histopathologist in 2015. She is a Fellow of The Royal College of Pathologists of Australasia (FRCPA).

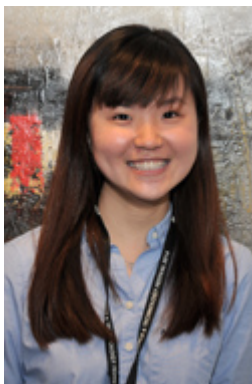
She currently holds dual appointments, serving her clinical role as Associate Consultant in the Department of Pathology, National University Hospital (NUH) and as a Research Clinician in Advanced Molecular Pathology Laboratory (AMPL)/Institute of Molecular and Cell Biology (IMCB). Her research interests are lymphoma pathology and tumour immunology. At AMPL, IMCB, she over sees the pathology evaluation of human samples.



Chee Bing Ong – Veterinary Pathologist

Dr Chee Bing Ong was awarded the National Science Scholarship by Agency for Science, Technology and Research (A*STAR) in 2002 and obtained his Bachelor of Veterinary Science (with first-class honours) from The University of Melbourne, Australia. He worked as a laboratory animal veterinarian in Biological Resource Centre (A*STAR) after graduation.

Thereafter, he pursued a residency in Veterinary Anatomic Pathology in the Diagnostic Center for Population and Animal Health, Michigan State University, United States. During his residency, he gained extensive experience in veterinary pathology, necropsies, surgical histopathology of various animal species and also completed a Master of Science in Pathobiology involving the study of respiratory toxicology in laboratory mice. Dr Ong is board certified in Anatomic Pathology by the American College of Veterinary Pathologists (ACVP), and is currently Deputy Director of Biological Resource Centre, with joint appointment as Veterinary Pathologist in The Institute of Molecular and Cell Biology (IMCB), A*STAR, Singapore.



Poh Suat Fang, BSc – Assistant QA Manager

Miss Poh Suat Fang, BSc, received her diploma in Biomedical Science (2008) and graduate degree in Business (2012). She has been working at Institute of Molecular and Cell Biology, Advance Molecular Pathology Laboratory since 2008. She worked as a senior laboratory officer for the first 4 years in the laboratory before taking up the role in the Quality Assurance (QA) Unit. She was involved in routine histology work from rodent necropsy to tissue processing, sectioning and staining to quality control. As an Assistant QA Manager, she is responsible in assuring the GLP compliance of laboratory activities, reviewing the document for GLP compliance and involved in verification of documents. She also conducts audits that include process-based, study-based and facility-based audits and hosts the client and regulatory inspection and prepares responses to the inspection reports.