

List of Clinician Scientists and their Research Expertise

Cardiovascular Disease Translational Research Programme

Principal Investigator

Research Expertise

Dr Chester Lee Drum
chester_lee_drum@nuhs.edu.sg

High resolution deep phenotyping, mass spectrometry and predictive informatics

Department of Medicine

Prof Lee Chi-Hang Ronald
mdclchr@nus.edu.sg

Cardio-sleep research

Department of Medicine

A/Prof Mark Chan Yan Yee
mark_chan@nuhs.edu.sg

Translational studies and early phase clinical trials in acute and chronic coronary syndrome

Department of Medicine

Prof Roger Foo
mdcrfsy@nus.edu.sg

Cardiovascular gene expression regulation, epigenetics and epigenomics

Department of Medicine

A/Prof Theodoros Kofidis
surtk@nus.edu.sg

Cardiac-medtech

Department of Surgery

Healthy Longevity Translational Research Programme

Principal Investigator

Research Expertise

A/Prof Christopher Chen Li Hsian
phccclh@nus.edu.sg

Memory Aging & Cognition

Department of Pharmacology

Prof Koh Woon Puay
kohwp@nus.edu.sg

Etiological studies of the common chronic diseases in Singapore

**A/Prof Seet Chee Seong,
Raymond**
mcdcrscs@nus.edu.sg

Department of Medicine

1. Multi-omics and digital medicine to personalize stroke treatment and prevention
2. Development of a biological clock of ageing for Asians

A/Prof Vijay Kumar Sharma
vijay_kumar_sharma@nuhs.edu.sg

Department of Medicine

(Co-thesis advisor)

Understanding hemodynamics in cerebrovascular disease

Human Potential Translational Research Programme

Principal Investigator

A/Prof Chan Shiao-Yng
obgchan@nus.edu.sg

Department of Obstetrics &
Gynaecology

Research Expertise

Human placental and fetal development,
endocrine/metabolic disorders and nutrition in pregnancy,
and randomized clinical trials during preconception and
pregnancy

Prof Chee Wei Liang, Michael
michael.chee@nus.edu.sg

Personalizing sleep recommendations, wearables, multi-
sensor monitoring of behaviour and behavioural testing

**A/Prof Citra Nurfarah binte Zaini
Mattar**
obgcnzm@nus.edu.sg

Department of Obstetrics &
Gynaecology

Base editing, in vivo gene therapy and mouse models for
inherited diseases

Prof Lee Yung Seng
paeleey@nus.edu.sg

Department of Paediatrics

1. Genetics of human obesity
2. In-utero and early life factors leading to obesity and
cardio metabolic risk (DoHAD)

Prof Shek Pei Chi Lynette
paeshekl@nus.edu.sg

Department of Paediatrics

The developmental origins of allergic diseases in children,
specifically food allergy, eczema, asthma and allergic
rhinitis

Infectious Diseases Translational Research Programme

Principal Investigator

Dr Catherine W M Ong
catherine_wm_ong@nuhs.edu.sg

Department of Medicine

Research Expertise

Host-pathogen interactions, biomarker discovery and host-directed therapies.

A/Prof Chai Yi Ann, Louis
louis_chai@nuhs.edu.sg

Department of Medicine

Immuno-genetics

Prof Nicholas I. Paton
mdcnijp@nus.edu.sg

Department of Medicine

Clinical trials of treatments for TB and HIV

Prof Paul Anantharajah Tambyah **Infectious diseases research**
mdcpat@nus.edu.sg

Department of Medicine

N2CR (Cancer) Translational Research Programme

Principal Investigator

Dr Anand Devaprasath Jeyasekharan
csiadj@nus.edu.sg

Department of Medicine / CSI

Research Expertise

Personalized combination therapy in cancer, with a specific focus on immunomodulators and chemotherapy

A/Prof Bo Anders Mikael Hartman
ephbamh@nus.edu.sg

Department of Surgery

Breast Cancer Research

Prof Chng Wee Joo
mdccwj@nus.edu.sg

Cancer molecular research. Multiple Myeloma

Department of Medicine

Prof Goh Boon Cher
boon_cher_goh@nuhs.edu.sg

Head and neck and lung cancer therapeutics

Department of Pharmacology /CSI

Prof Jimmy So
sursbyj@nus.edu.sg

Gastroesophageal cancers, metabolic diseases, biomarker research and novel therapeutics

Department of Surgery

Prof Khong Pek Lan
dnrkpl@nus.edu.sg

Molecular imaging for cancer diagnosis, response assessment and targeted therapy

Department of Diagnostic Radiology

A/Prof Ng Siok Ban
patnsb@nus.edu.sg

Lymphoma research with focus on identifying novel biomarkers of diagnostic, prognostic and therapeutic relevance

Department of Pathology / CSI
(Co-thesis advisor)

A/Prof Tan Ker Kan
ker_kan_tan@nuhs.edu.sg

Research in patient-reported outcomes, the patient experience, and evaluation of health services research

Department of Surgery

A/Prof Tan Soo Yong
pattsy@nus.edu.sg

Novel diagnostic and therapeutic approaches in lymphoid neoplasms, in particular the use of methylation/miRNA profiling and AI-enhanced diagnostic platforms

Department of Pathology

A/Prof Yip Wai Cheong, George
antyipg@nus.edu.sg

1. Roles of glycosaminoglycans and proteoglycans in breast, prostate, gastric and other cancers

Department of Anatomy

2. Wound healing

Precision Medicine Translational Research Programme

Principal Investigator

Dr Khoo Chin Meng

mdckcm@nus.edu.sg

Department of Medicine

Research Expertise

Metabolic diseases and diabetes

A/Prof Mahesh Choolani

obgmac@nus.edu.sg

Department of Obstetrics &
Gynaecology

Non-invasive prenatal diagnosis of genetic disorders using circulating nucleated fetal cell and cell-free fetal DNA

PIs with no affiliation to Translational Research Programmes

Principal Investigator

A/Prof Ho Chun Man Roger

pcmrhcm@nus.edu.sg

Department of Psychological
Medicine

Research Expertise

- 1. Global Mental Health**
- 2. The Interface between Psychiatry and Medicine**
- 3. Functional Near-Infrared Spectroscopy (fNIRS)**

Prof Lim Seng Gee

mdclimsg@nus.edu.sg

Department of Medicine

Chronic Hepatitis B research

Dr Matthew Cove

mdcmec@nus.edu.sg

Department of Medicine
(Co-thesis advisor)

Extracorporeal organ support devices

Dr Ng Kar Hui

paenkh@nus.edu.sg

Department of Paediatrics
(Co-thesis advisor)

Renal disease and genetics

Prof Yong Eu Leong

obgyel@nus.edu.sg

1. The Integrated Women's Health Programme (IWHP): Cohort study on mid-life Singaporean women.

2. Randomised control trials of Epimedium for menopausal osteoporosis.

Yong Research websites:

- <https://medicine.nus.edu.sg/researchers/yong-eu-leong/>
- <https://medicine.nus.edu.sg/obgyn/research/reproductive-development-biology-research-program/iwhp.html>
- <https://medicine.nus.edu.sg/obgyn/research/reproductive-development-biology-research-program/nuclear-receptor-biology-and-drug-discovery.html>