

**NUS/ NUH General Clinical Research Centre
AVAILABLE RESOURCES AND CAPABILITIES**

Cardiovascular Imaging Lab

INVESTIGATOR	DEPARTMENT	CONTACT		RESOURCE & CAPABILITIES
		Tel	Email	
A/Prof Ling Lieng His	Cardiac	ext 5283 / 96637381	mdcllh@nus.edu.sg	Echocardiography - Standard M-mode, 2D and doppler - Myocardial velocity, strain and strain rate imaging (Doppler and 2D strain) - Myocardial contrast echo - 3D imaging and volumetrics - integrated backscatter analysis - dynamic stress imaging Vascular - Standard 2D and doppler - Ankle-brachial index - Intima media thickness - Brachial reactivity / flow-mediated dilation (endothelial function) - Pulse wave analysis via radial tonometry (SphygmoCor device) - Pulse wave velocity (1- point, 2- point) - Direct measurement of Beta-stiffness index, elastic modulus (e-Tracking) - Wave intensity ECG monitoring - standard rate indices - heart rate variability - heart rate turbulence (KIV) Cardioplummonary exercise testing (metabolic gas exchange) Quantitative coronary angiographic analyses

PK/PD Analytical Core Lab

INVESTIGATOR	DEPARTMENT	CONTACT		RESOURCE & CAPABILITIES
		Tel	Email	
Prof Yong Eu Leong	Obstetrics / Gynaecology	ext 4278 / 98212156	obgyel@nus.edu.sg	Discovery and evaluation of botanical drug compounds Gas and liquid tandem mass spectrometers Analysis of single-entity drugs in body fluids and tissue samples Development of novel ultra-sensitive detection technologies
Dr Goh Boon Cher	Haematology-Oncology	ext 4617 / 96210059	Boon_Cher_GOH@nus.edu.sg	
A/Prof Prof Lee How Sung	Pharmacology, NUS	65163212	phcleehs@nus.edu.sg	

INVESTIGATOR	DEPARTMENT	CONTACT		RESOURCE & CAPABILITIES
		Tel	Email	
A/Prof Evelyn Koay	Molecular Diagnostic Center	ext 4564 / 96308610	patkoaye@nus.edu.sg	Affymetrix Genechip 3000 instrument system (Affymetrix Genechip Scanner 3000 7G system, Fluidics Station 450DX, Computer Work Station) - gene expression microarray-based studies

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A/Prof Tai Bee Choo	COFM, NUS	65164973	cmctbc@nus.edu.sg	Biostatisticians available to provide advice on clinical trial design, analysis of trial data as well as entry and validation of trial data