

S/N	Main Supervisor	Student	Degree	Department	Thesis Title	First author publication details
1	Bin Tean Teh (Prof)	Chan Yong Sheng Jason	Doctor of Philosophy	Cancer Science Institute (CSI)	MULTI-OMIC CHARACTERISATION OF HUMAN ANGIOSARCOMA	1. Journal of Clinical Investigation, 130, NA, Multiomic analysis and immunoprofiling reveal distinct subtypes of human angiosarcoma, 10/2020, DOI: 10.1172/JCI139080
2	Bruno Reversade (Prof)	Celia Laureline Agnes Bosso-Lefevre	Doctor of Philosophy	Paediatrics	LOSS-OF-FUNCTION MUTATIONS IN UDP-GLUCOSE 6-DEHYDROGENASE CAUSE RECESSIVE DEVELOPMENTAL EPILEPTIC ENCEPHALOPATHY	1. Nature Communications, 595, 1, Loss-of-function mutations in UDP-Glucose 6-Dehydrogenase cause recessive developmental epileptic encephalopathy, 01/2020, DOI: 10.1038/s41467-020-14360-7
3	Chun Man Roger Ho (AP)	Syeda Fabeha Husain	Doctor of Philosophy	Psychological Medicine	CLASSIFYING PSYCHIATRIC DISORDERS USING CORTICAL HAEMODYNAMIC RESPONSES	1. Australian & New Zealand Journal of Psychiatry, NA, NA, Functional near-infrared spectroscopy during a decision-making task in patients with major depressive disorder., 12/2020, DOI: 10.1177/0004867420976856 2. Ebiomedicine, 51, 102586, Cortical haemodynamic response measured by functional near infrared spectroscopy during a verbal fluency task in patients with major depression and borderline personality disorder., 01/2020, DOI: 10.1016/j.ebiom.2019.11.047 3. Pain Research and Management, Volume 2019, NA, Locating the site of neuropathic pain in vivo using MMP-12-targeted magnetic nanoparticles., 03/2019, DOI: 10.1155/2019/9394715 4. Scientific Reports, 10(1), 1-9, Validating a functional near-infrared spectroscopy diagnostic paradigm for Major Depressive Disorder., 06/2020, DOI: 10.1038/s41598-020-66784-2
4	Daniel G. Tenen (Prof)	Tham Cheng Yong	Doctor of Philosophy	Cancer Science Institute (CSI)	DECODING UNCHARTED GENOMIC VARIATIONS IN ACUTE MYELOID LEUKEMIA USING LONG-READ SEQUENCING TECHNOLOGIES	1. Genome Biology, 21, 56, NanoVar: accurate characterization of patients' genomic structural variants using low-depth nanopore sequencing., 03/2020, DOI: 10.1186/s13059-020-01968-7

5	E Shyong Tai (Prof)	Low Su Jun	Doctor of Philosophy	Medicine	INVESTIGATING THE EFFECTS OF A NOVEL HNF1A MUTATION IN MATURITY ONSET DIABETES OF THE YOUNG 3 (MODY3)	<p>1. Nature Communications, xx, xx, Decreased GLUT2 and glucose uptake contribute to insulin secretion defects in MODY3/HNF1A hiPSC-derived mutant β cells, 05/2021, DOI: 10.1038/s41467-021-22843-4</p> <p>2. Seminars in Cell & Developmental Biology, 103, 31-40, New insights into human beta cell biology using human pluripotent stem cells, 11/2019, DOI: 10.1016/j.semcd.2019.11.004</p>
6	Eng Hin Lee (Prof)	Tee Ching Ann	Doctor of Philosophy	Orthopaedic Surgery	APPLICATION OF SIZE-BASED SORTED ZONAL CHONDROCYTES FOR ARTICULAR CARTILAGE REPAIR	1. Biomaterials, 220, 119409, Improved zonal chondrocyte production protocol integrating size-based inertial spiral microchannel separation and dynamic microcarrier culture for clinical application., 08/2019, DOI: 10.1016/j.biomaterials.2019.119409
7	Gavin Stewart Dawe (AP)	Cao Lei	Doctor of Philosophy	Pharmacology	THERAPEUTIC POTENTIAL OF ANTI-NA+/K+-ATPASE ANTIBODIES FOR PARKINSON'S DISEASE	<p>1. Brain, Behavior, and Immunity, Volume 73, October 2018, Pages 603-614, Hydrogen sulfide inhibits ATP-induced neuroinflammation and $A\beta$ 1-42 synthesis by suppressing the activation of STAT3 and cathepsin S, 10/2018, DOI: 10.1016/j.bbi.2018.07.005</p> <p>2. cell death & disease, 10(1):6, NA, DR-region of Na +/K + ATPase is a target to treat excitotoxicity and stroke, 12/2018, DOI: 10.1038/s41419-018-1230-5</p> <p>3. Pharmacology & Therapeutics, Volume 216, December 2020, 107687, NA, Therapeutic potential of sulfur-containing natural products in inflammatory diseases, 12/2020, DOI: 10.1016/j.pharmthera.2020.107687</p> <p>4. Science Advances, Vol. 7, no. 5, eabc5062, NA, Anti-Na +/K +-ATPase immunotherapy ameliorates α-synuclein pathology through activation of Na +/K +-ATPase α1-dependent autophagy, 01/2021, DOI: 10.1126/sciadv.abc5062.</p>
8	Gavin Stewart Dawe (AP)	Zhu Mengyuan	Doctor of Philosophy	Pharmacology	NA+/K+-ATPASE: A POTENTIAL THERAPEUTIC TARGET FOR STROKE	1. Signal Transduction and Targeted Therapy, 5, 55, Na+/K+-ATPase-dependent autophagy protects brain against ischemic injury, 05/2020, DOI: 10.1038/s41392-020-0153-7

9	Harry Yu (Prof)	Huang, Xiaozhong	Doctor of Philosophy	Physiology	HUMAN IPSC-DERIVED KUPFFER CELL-BASED MODEL FOR IMMUNE MEDIATED TOXICITY AND NONALCOHOLIC STEATOHEPATITIS	1. Advanced Drug Delivery Review, 149-150, 72-94, Sequential drug delivery for liver diseases, 11/2019, DOI: 10.1016/j.addr.2019.11.001
10	He Yang (AP)	Ren Xi	Doctor of Philosophy	Biochemistry	COMPREHENSIVE CHARACTERIZATION OF ALTERNATIVE POLYADENYLATION IN HUMAN CANCERS AND APPLICATIONS IN NEOANTIGEN PREDICTION	1. Langmuir, 35, 9, Lipopolysaccharides Inhibit REG3A Self-Aggregation on Gold Nanoparticles: A Combined Study of Multivariate Analysis on Time-Resolved Localized Surface Plasmon Resonance Spectra and Molecular Modeling, 02/2019, DOI: 10.1021/acs.langmuir.9b00087
11	Hoi Po Hui (Prof)	Cenk Celik	Doctor of Philosophy	Orthopaedic Surgery	ENHANCEMENT OF SCAFFOLD-MEDIATED MSC CHONDROGENESIS BY PULSED ELECTROMAGNETIC FIELDS	1. Springer, na, 315-337, Injectable Hydrogels for Cartilage Regeneration, 08/2018, DOI: 10.1007/978-981-10-6077-9_12
12	Jang Hann Chu (AP)	Lew Tian Sheng	Doctor of Philosophy	Microbiology and Immunology	ELUCIDATING THE ROLE OF HOST FACTORS IN EV-A71 VIRAL REPLICATION	1. Asia-Pacific Biotech News, 21, 9, Antivirals Targeting Host Proteins: A Feasible or Suicidal Approach in the Treatment Against HFMD?, 09/2017, DOI: 10.1142/S0219030317001082
13	Jang Hann Chu (AP)	Wong Kai Zhi	Doctor of Philosophy	Microbiology and Immunology	INTERPLAY OF HOST FACTORS WITH VIRAL PROTEINS DURING CHIKUNGUNYA INFECTION	1. Viruses, 10, 294, The Interplay of Viral and Host Factors in Chikungunya Virus Infection: Targets for Antiviral Strategies., 06/2018, DOI: 10.3390/v10060294
14	John Edward Connolly (AP)	Patricia Jennifer Ahl	Doctor of Philosophy	Microbiology and Immunology	UNRAVELING IMMUNE CELL METABOLIC HETEROGENEITY BY A NOVEL SINGLE-CELL METABOLISM PROFILING TECHNOLOGY	1. Nature Communications Biology, 3, 1-15, Met-Flow, a strategy for single-cell metabolic analysis highlights dynamic changes in immune subpopulations, 06/2020, DOI: 10.1038/s42003-020-1027-9
15	Kok Onn Lee (Prof)	Nur Shabrina Binte Amirruddin	Doctor of Philosophy	Medicine	THE IMPACT OF INS AND STARD10 GENE MUTATIONS ON INSULIN PROCESSING, SECRETION AND PANCREATIC BETA-CELL FUNCTION IN DIABETES	1. In Role of Nutraceuticals in Cancer Chemosensitization (Elsevier), 2, 141-150, Role of Celastrol in Chemosensitization of Cancer, 10/2017, DOI: 10.1016/B978-0-12-812373-7.00007-3 2. Seminars in Cell and Developmental Biology, 103, 31-40, New Insights into Human Beta Cell Biology using

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16	Kong Peng Lam (Prof)	Wang Zixi	Doctor of Philosophy	Microbiology and Immunology	THE ROLE OF NK CELL METABOLISM IN NK CELL ACTIVATION AND FUNCTION	1. Frontiers in Immunology, 11, 202, Glycolysis and Oxidative Phosphorylation Play Critical Roles in Natural Killer Cell Receptor-Mediated Natural Killer Cell Functions., 02/2020, DOI: 10.3389/fimmu.2020.00202
17	Li Hsian Christopher Chen (AP)	Bibek Gyanwali	Doctor of Philosophy	Pharmacology	INFLUENCE OF CEREBRAL SMALL VESSEL DISEASE ON COGNITIVE DECLINE AND DEMENTIA IN AN ASIAN POPULATION	<p>1. Aging (Albany NY), 22, 10581, Mixed-location cerebral microbleeds as a biomarker of neurodegeneration in a memory clinic population, 11/2019, DOI: 10.18632/aging.102478</p> <p>2. American Journal of Otolaryngology, 41, 102377, Hearing handicap in Asian demented patients, 03/2020, DOI: 10.1016/j.amjoto.2019.102377</p> <p>3. Frontiers in Neurology, 10, 669, Cerebral small vessel disease and enlarged perivascular spaces-data from memory clinic and population-based settings, 04/2019, DOI: 10.3389/fneur.2019.00669</p> <p>4. International Journal of Std & Aids, 29, 1368-1374, Prevalence and association of syphilis reactivity in an Asian memory clinic population, 12/2018, DOI: 10.1177/0956462418787627</p> <p>5. Journal of Alzheimer's Disease, 67, 1209-1219, Risk factors for and clinical relevance of incident and progression of cerebral small vessel disease markers in an Asian memory clinic population, 01/2019, DOI: 10.3233/JAD-180911</p> <p>6. Journal of Alzheimer's Disease, na, 1-10, Neuropsychiatric Correlates of Small Vessel Disease Progression in Incident Cognitive Decline: Independent and Interactive Effects, 02/2020, DOI: 10.3233/JAD-190999</p> <p>7. Journal of Alzheimer's Disease, 71, 1309-1320, Mixed-Location Cerebral Microbleeds: An Imaging Biomarker for Cerebrovascular Pathology in Cognitive Impairment and</p>

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18	Manoor Prakash Hande (AP)	Ng Yong Quan Gavin	Doctor of Philosophy	Physiology	EPIGENETIC, TRANSCRIPTOMIC AND CYTOGENETIC MECHANISM OF INTERMITTENT FASTING	<p>1. Conditioning Medicine, 2, 284-299, Dietary restriction and epigenetics: part i., 01/2019, DOI: PMC7007115</p> <p>2. Conditioning Medicine, 2, 300-310, Epigenetic regulation by dietary restriction: part ii., 01/2019, DOI: PMC7007178</p> <p>3. Dose Response, 17, 1-10, Genome-wide transcriptome analysis reveals intermittent fasting-induced metabolic rewiring in the liver., 01/2019, DOI: 10.1177/1559325819876780</p> <p>4. Therapeutic Advances in Neurological Disorders, 11, 1-30, Epigenetic regulation of inflammation in stroke., 01/2018, DOI:10.1177/1756286418771815</p>
19	Mei Wang (AP)	Chai Tin Fan	Doctor of Philosophy	Biochemistry	MECHANISTIC STUDIES OF ISOPRENYLCYSTEINE CARBOXYL METHYLTRANSFERASE (ICMT) INHIBITION-INDUCED TUMOR SUPPRESSIVE EFFECT	<p>1. Molecular Cancer Therapeutics, 16(5), 914-923, Inhibition of Isoprenylcysteine Carboxylmethyltransferase Induces Cell-Cycle Arrest and Apoptosis through p21 and p21-Regulated BNIP3 Induction in Pancreatic Cancer, 05/2017, DOI: 10.1158/1535-7163.MCT-16-0703</p> <p>2. Oncogene, 39(31), 5373–5389, Isoprenylcysteine carboxylmethyltransferase is required for the impact of mutant KRAS on TAZ protein level and cancer cell self-renewal, 07/2020, DOI: 10.1038/s41388-020-1364-7</p>
20	Melissa Jane Fullwood (Dr)	Zhang Ying	Doctor of Philosophy	Cancer Science Institute (CSI)	3D GENOME ORGANIZATION UNDERLIES SYNERGISM BETWEEN SILENCERS	<p>1. Gastroenterology, 159, 1311-1327, TP63, SOX2, and KLF5 establish a core regulatory circuitry that controls epigenetic and transcription patterns in esophageal squamous cell carcinoma cell lines, 06/2020, DOI: 10.1053/j.gastro.2020.06.050</p> <p>2. Nature Communications, 12, 719, H3K27me3-rich genomic regions can function as silencers to repress gene expression via chromatin interactions, 01/2021, DOI: 10.1038/s41467-021-20940-y</p>

21	Nicholas Iain James Paton (Prof)	Jickky Palmae Sarathy	Doctor of Philosophy	Medicine	MECHANISM OF ACTION OF THE ANTI-TUBERCULOSIS DRUG CANDIDATE TBAJ-876	<p>1. Antibiotics, 8, 261, Re-understanding the mechanisms of action of the anti-mycobacterial drug bedaquiline, 12/2019, DOI: 10.3390/antibiotics8040261</p> <p>2. Antimicrobial agents and chemotherapy, 64, e02404-19, TBAJ-876, a 3, 5-dialkoxypyridine analogue of Bedaquiline, is active against Mycobacterium abscessus, 03/2020, DOI: 10.1128/AAC.02404-19</p> <p>3. Antimicrobial agents and chemotherapy, 63, e01191-19, TBAJ-876 retains bedaquiline's activity against subunits c and e of Mycobacterium tuberculosis F-ATP synthase, 10/2019, DOI: 10.1128/AAC.01191-19</p> <p>4. Antimicrobial agents and chemotherapy, 64, e01540-19, TBAJ-876 displays Bedaquiline-like mycobactericidal potency without retaining the parental drug's uncoupler activity, 01/2020, DOI: 10.1128/AAC.01540-19.</p>
22	Nicholas Iain James Paton (Prof)	Li Ming	Doctor of Philosophy	Medicine	MECHANISM OF ACTION OF MEMBRANE TARGETING CATIONIC AMPHIPHILIC INDOLE ANTIMYCOBACTERIALS	<p>1. ACS Infectious Diseases, 6, 1882-1893, Potency increase of spiroketal analogs of membrane inserting indolyl Mannich base antimycobacterials is due to acquisition of MmpL3 inhibition, 07/2020, DOI: 10.1021/acsinfecdis.0c00121</p> <p>2. ACS Medicinal Chemistry letters, 8, 1165-1170, Indolylalkyltriphenylphosphonium Analogues Are Membrane-Depolarizing Mycobactericidal Agents, 10/2017, DOI: 10.1021/acsmchemlett.7b00287.</p> <p>3. Journal of Medicinal Chemistry, 61, 5733-5750, Indolyl Azaspiroketal Mannich Bases Are Potent Antimycobacterial Agents with Selective Membrane Permeabilizing Effects and in Vivo Activity, 06/2018, DOI: 10.1021/acs.jmedchem.8b00777</p>
23	Nicholas Iain James Paton (Prof)	Philip Kwan Kam Weng	Doctor of Philosophy	Medicine	TRANSCRIPTOMICS AS A TOOL FOR HOST-PATHOGEN INTERACTIONS IN TUBERCULOSIS CLINICAL TRIALS	<p>1. BMC Infectious diseases, 20, 403, A blood RNA transcript signature for TB exposure in household contacts, 06/2020, DOI: 10.1186/s12879-020-05116-1</p> <p>2. BMC Microbiology, 20, 81, Gene expression responses to anti-tuberculous drugs in a whole blood model, 04/2020, DOI: 10.1186/s12866-020-01766-y</p>

24	Ophry Pines (Prof)	Silas Yardena	Doctor of Philosophy	Microbiology and Immunology	THE EVOLUTION OF CLASS-I AND CLASS-II FUMARASE FUNCTIONS (IN THE KREBS CYCLE AND DNA DAMAGE RESPONSE)	1. PNAS, NA, NA, A novel combination of Class-I fumarases and metabolites (1±-ketoglutarate and fumarate) signal the DNA damage response in E. coli, 05/2021, DOI: 10.1073/pnas.2026595118
25	Paul A MacAry (AP)	Tay Sen Hee	Doctor of Philosophy	Microbiology and Immunology	THE INTERPLAY OF PLATELETS AND TOLL-LIKE RECEPTOR 7 IN PLATELET-NEUTROPHIL COMPLEX FORMATION AND ITS ROLE IN DISEASE MANIFESTATIONS OF SYSTEMIC LUPUS ERYTHEMATOSUS	1. Arthritis & rheumatology, Online ahead of print, Online ahead of prin, Low-Density Neutrophils in Systemic Lupus Erythematosus, 06/2020, DOI: 10.1002/art.41395 2. Cytometry Part A : the journal of the International Society for Analytical Cytology, 95, 268-78, A Flow Cytometry-Based Assay for High-Throughput Detection and Quantification of Neutrophil Extracellular Traps in Mixed Cell Populations, 03/2019, DOI: 10.1002/cyto.a.23672
26	Rathi Mahendran (AP)	Liu Jianlin	Doctor of Philosophy	Psychological Medicine	EMOTION DYSREGULATION IN SCHIZOPHRENIA SPECTRUM DISORDERS AND COMORBID PTSD	1. Clinical Psychology & Psychotherapy, In press, 11, Maladaptive cognitive emotion regulation strategies and positive symptoms in schizophrenia spectrum disorders: The mediating role of global emotion dysregulation, 05/2020, DOI: 10.1002/cpp.2466 2. Early Intervention in Psychiatry, In press, 7, Impact of emotion dysregulation and cognitive insight on psychotic and depressive symptoms during the early course of schizophrenia spectrum disorders, 11/2019, DOI: 10.1111/eip.12895 3. Journal of Clinical Psychology, 76, 12, The impact of emotion dysregulation on positive and negative symptoms in schizophrenia spectrum disorders: A systematic review, 04/2020, DOI: 10.1002/jclp.22915 4. Psychological Trauma: Theory, Research, Practice, and Policy, In press, 8, A systematic examination of cognitive emotion regulation strategies, global emotion dysregulation, and cognitive insight in relation to posttraumatic stress disorder symptoms among trauma exposed patients with early nonaffective psychosis, 11/2019, DOI: 10.1037/tra0000531 5. Schizophrenia Research, In press, 7, Global emotion dysregulation and maladaptive cognitive emotion regulation strategies mediate the effects of severe trauma on depressive and positive symptoms in early non-

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27	Shyong Wei, Kevin Tan (AP)	Tong Jie Xin	Doctor of Philosophy	Microbiology and Immunology	THE INTRACELLULAR CALCIUM DYNAMICS AND CELLULAR CONSEQUENCES OF CHLOROQUINE ON THE MALARIA PARASITE PLASMODIUM FALCIPARUM	<p>1. Antimicrobial agents and chemotherapy, 63, e02389-18, Viability Screen of LOPAC1280 Reveals Tyrosine Kinase Inhibitor Tyrphostin A9 as a Novel Partner Drug for Artesunate Combinations To Target the Plasmodium falciparum Ring Stage., 01/2019, DOI: 10.1128/AAC.02389-18</p> <p>2. Antimicrobial agents and chemotherapy, 62, e02031-17, High-Content Screening of the Medicines for Malaria Venture Pathogen Box for Plasmodium falciparum Digestive Vacuole-Disrupting Molecules Reveals Valuable Starting Points for Drug Discovery., 12/2018, DOI: 10.1128/AAC.02031-17</p>
28	Sik Yin Roger Foo (Prof)	Annadoray Lavenniah	Doctor of Philosophy	Medicine	SYNTHETIC CIRCULAR MIRNA SPONGES AS A NOVEL MIRNA INTERFERENCE TECHNOLOGY	1. Molecular Therapy, 28, 1506-1517, Engineered Circular RNA Sponges Act as miRNA Inhibitors to Attenuate Pressure Overload-Induced Cardiac Hypertrophy, 03/2020, DOI: 10.1016/j.ymthe.2020.04.006
29	Sik Yin Roger Foo (Prof)	Tan Lek Wen	Doctor of Philosophy	Medicine	CARDIAC EPIGENETICS: THE BIOLOGY OF NON-CODING ENHANCERS IN HUMAN HEARTS	<p>1. Cardiovascular Research, 113, 298-309, A landscape of circular RNA expression in the human heart., 12/2016, DOI: 10.1093/cvr/cvw250</p> <p>2. Circulation, 142, 910-912, Assigning Distal Genomic Enhancers to Cardiac Disease–Causing Genes, 08/2020, DOI: 10.1161/CIRCULATIONAHA.120.046040</p> <p>3. Circulation, 139, 1937-1956, Robust CTCF-Based Chromatin Architecture Underpins Epigenetic Changes in the Heart Failure Stress–Gene Response, 04/2019, DOI: 10.1161/CIRCULATIONAHA.118.036726</p> <p>4. Circulation Research, 127, 761-777, Epigenomes of Human Hearts Reveal New Genetic Variants Relevant for Cardiac Disease and Phenotype, 06/2020, DOI: 10.1161/CIRCRESAHA.120.317254</p> <p>5. Nature Metabolism, 1, 688-703, Adipose circular RNAs</p>

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30	Sudhakar Jha (Dr)	Roberto Tirado Magallanes	Doctor of Philosophy	Cancer Science Institute (CSI)	GENOMIC STUDIES OF EPIGENETIC DEREGLATION IN CANCER	1. Oncotarget, 8, 5629, Whole genome DNA methylation: beyond genes silencing, 01/2017, DOI: 10.18632/oncotarget.13562
31	Sylvie Alonso (AP)	Lim Ze Qin	Doctor of Philosophy	Microbiology and Immunology	DECIPHERING THE HOST-PATHOGEN INTERACTIONS DURING ENTEROVIRUS-A71 INFECTION IN MOTOR NEURON CELLS: ROLE OF PERIPHERIN AND ITS INTERACTING PARTNERS	1. Embo Reports, e51777, 16, ArticleEnterovirus-A71 exploits peripherin and Rac1 to invade the central nervous system, 03/2021, DOI: 10.15252/embr.202051777 2. Expert Opinion in Drug Discovery, 15, 14, Recent progress and challenges in drug development to fight hand, foot and mouth disease, 08/2019, DOI: 10.1080/17460441.2019.1659241
32	Tan Boon Ooi, Patrick (Prof)	Raghav Sundar	Doctor of Philosophy	Physiology	GENOMIC AND EPIGENETIC MECHANISMS OF RESISTANCE TO SYSTEMIC THERAPY IN GASTROESOPHAGEAL CANCER	1. Gut, 71, 676-685, Machine-learning model derived gene signature predictive of paclitaxel survival benefit in gastric cancer: results from the randomised phase III SAMIT trial, 05/2021, DOI: 10.1136/gutjnl-2021-324060 2. Gut, 70, 1823-1832, 2. Spatial profiling of gastric cancer patient-matched primary and locoregional metastases reveals principles of tumour dissemination., 11/2020, DOI: 10.1136/gutjnl-2020-320805
33	Tang Bor Luen (AP)	Chia Ren Hui Derrick	Doctor of Philosophy	Biochemistry	UNDERSTANDING THE ROLE OF C-JUN IN ADIPOGENESIS AND INSULIN RESISTANCE	1. LSA, nil, nil, Functional interaction between macrophages and hepatocytes dictate the outcome of liver fibrosis, 01/2021, DOI: 10.26508/lsa.202000803
34	Tay Sam Wah, Samuel (AP)	Goh Suh Yee	Doctor of Philosophy	Anatomy	MIRNA-MEDIATED NEURODEGENERATION IN PARKINSON'S DISEASE	1. International journal of molecular sciences, 20, 5649, Role of MicroRNAs in Parkinson's Disease, 11/2019, DOI: 10.3390/ijms20225649

35	Thai Tran (AP)	Cheong Hui Juan Dorothy	Doctor of Philosophy	Physiology	ANTI-REMODELLING AND ANTI-HYPERRESPONSIVENESS PROPERTIES OF ARTESUNATE FOR THE TREATMENT OF ASTHMA	<p>1. Cancer Letters, 422, 1-8, Molecular targets and anti-cancer potential of escin., 05/2018, DOI: 10.1016/j.canlet.2018.02.027</p> <p>2. Pharmacological Research, 158, 104901, Anti-malarial drug, artemisinin and its derivatives for the treatment of respiratory diseases., 05/2020, DOI: 10.1016/j.phrs.2020.104901</p>
36	Vinay Tergaonkar (Prof)	Lam Hiu Yan	Doctor of Philosophy	Biochemistry	UNDERSTANDING THE ROLES OF ELKS IN MAST CELL FUNCTIONS	<p>1. Bioscience Report, 40, NA, Mechanisms of allergen-specific immunotherapy for allergic rhinitis and food allergies, 03/2020, DOI: 10.1042/BSR20200256</p> <p>2. Science Advances, 6, NA, ELKS1 controls mast cell degranulation by regulating the transcription of Stxbp2 and Syntaxin 4 via Kdm2b stabilization, 07/2020, DOI: 10.1126/sciadv.abb2497</p>
37	Wai Leong Tam (Dr)	Wu Zhengwei	Doctor of Philosophy	Cancer Science Institute (CSI)	INVESTIGATING THE ROLE OF METABOLIC REPROGRAMMING AND ASSOCIATED THERAPEUTIC VULNERABILITIES IN TUMOR-INITIATING CELLS	<p>1. Cancers, 13, -, Shifting the gears of metabolic plasticity to drive cell state transitions in cancer, 03/2021, DOI: 10.3390/cancers13061316</p>
38	Wai San Wilson Tam (Dr)	Woo Fong Yeong Brigitte	Doctor of Philosophy	Alice Lee Ctr for Nursing Stud	AN EXPLORATION OF THE ADVANCED PRACTICE NURSING ROLE AND ITS APPLICATION IN THE CARE OF ATRIAL FIBRILLATION PATIENTS IN THE COMMUNITY	<p>1. Heart, Lung and Circulation, 28, 605-614, The Translation of Knowledge Into Practice in the Management of Atrial Fibrillation in Singapore, 04/2019, DOI: 10.1016/j.hlc.2018.02.024</p> <p>2. Human Resources for Health, 15, 63, The impact of the advanced practice nursing role on quality of care, clinical outcomes, patient satisfaction, and cost in the emergency and critical care settings: A systematic review, 09/2017, DOI: 10.1186/s12960-017-0237-9</p> <p>3. Journal of Clinical Nursing, 29, 1623– 1634, Understanding the role of an advanced practice nurse through the perspectives of patients with cardiovascular disease: A qualitative study, 02/2020, DOI: 10.1111/jocn.15224</p> <p>4. Journal of Nursing Management, 27, 992– 1004, Practice patterns and role perception of advanced practice nurses: A nationwide cross-sectional study, 02/2019, DOI: 10.1111/jonm.12759</p> <p>5. Journal of Nursing Management, 28, 82-93, Registered</p>

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39	Yap Seng Chong (Prof)	Ajith Isaac Amrithraj P	Doctor of Philosophy	Obstetrics & Gynaecology	THE DISCOVERY AND FUNCTIONAL VALIDATION OF METABOLIC DISEASE RISK FACTORS AT BIRTH UMBILICAL CORD DERIVED CELL LINES	1. Endocrinology, 158, 2102-2112, Gestational Diabetes Alters Functions in Offspring's Umbilical Cord Cells With Implications for Cardiovascular Health, 07/2017, DOI: 10.1210/en.2016-1889
40	Yap Suen Mei, Celestial Therese (AP)	Ong Mei Shan	Doctor of Philosophy	Physiology	A NOVEL ROLE OF GELSOLIN IN THE REGULATION OF WNT SIGNALING IN COLORECTAL CANCER CELLS	1. British Journal of Pharmacology, 174, 4684-4700, Lnc'-ing Wnt in female reproductive cancers: therapeutic potential of long non-coding RNAs in Wnt signalling, 12/2017, DOI: 10.1111/bph.13958 2. Cancers, 12, 238, Cytoskeletal Proteins in Cancer and Intracellular Stress: A Therapeutic Perspective, 01/2020, DOI: 10.3390/cancers12010238 3. RNA & Disease, 4, 10, Gelsolin: A new insight of its role on gastric cancer dissemination, 12/2017, DOI: 10.14800/rd.1439 4. RNA & Disease, 6, 9, Long non-coding RNA landscape in colorectal cancer, 03/2019, DOI: 10.14800/rd.1628
41	Ying Lau (AP)	Loh Huey Peng	Doctor of Philosophy	Alice Lee Ctr for Nursing Stud	DEVELOPMENT AND EVALUATION OF GAME-BASED INTERVENTION IN IMPROVING SITUATION AWARENESS AMONG OPERATING THEATRE NURSES - TWO PHASE MIXED METHODS RESEARCH DESIGN	1. AORN, 109(4), 465-476, Assessment of Scrub Practitioner's List of Intraoperative Non Technical Skills (SPLINTS) in an Asian Ambulatory Surgical Setting, 04/2019, DOI: 10.1002/aorn.12640
42	Yongliang Zhang (AP)	Cho Su Lei Sharol	Doctor of Philosophy	Microbiology and Immunology	REGULATORY FUNCTIONS OF IRF3 IN PULMONARY BURKHOLDERIA THAILANDENSIS INFECTION	1. Frontiers in Immunology, 8, 1259, Dual-specificity Phosphatase 12 Targets p38 MaP Kinase to regulate Macrophage response to intracellular Bacterial infection, 10/2017, DOI: 10.3389/fimmu.2017.01259

43	Yongliang Zhang (AP)	Lu Yi	Doctor of Philosophy	Microbiology and Immunology	DUSP4 REGULATES INTESTINAL INFLAMMATION AND TUMORIGENESIS	1. Journal of Visualized Experiments, 139, NA, In Vitro Differentiation of Mouse Granulocyte-macrophage-colony-stimulating Factor (GM-CSF)-producing T Helper (THGM) Cells, 09/2018, DOI: 10.3791/58087
44	Yu, Hanry (Prof)	Yu Yang	Doctor of Philosophy	Physiology	A MACHINE LEARNING BASED DIAGNOSTIC STUDY OF CHRONIC LIVER DISEASE USING STAINING TECHNIQUES	1. Journal of Biophotonics, 10, 1703-1713, Development of a classification model for non-alcoholic steatohepatitis (NASH) using confocal Raman micro-spectroscopy, 04/2017, DOI: 10.1002/jbio.201600303 2. Reference Module in Biomedical Sciences, NA, NA, Implementation of Machine Learning-Aided Imaging Analytics for Histopathological Image Diagnosis, 01/2020, DOI: 10.1016/B978-0-12-801238-3.11388-1 3. Scientific Reports, 8, NA, Deep learning enables automated scoring of liver fibrosis stages, 10/2018, DOI: 10.1038/s41598-018-34300-2
45	Yung Seng Lee (Prof)	Shen Haosheng	Doctor of Philosophy	Paediatrics	ENGINEERED LACTOBACILLUS PLANTARUM STRAIN FOR TARGETED TREATMENT THROUGH NASAL MICROBIOME MODULATION	1. Gene, 9, 351, Targeted approaches for in situ gut microbiome manipulation, 07/2018, DOI: 10.3390/genes9070351