

S/N	Main Supervisor	Student	Degree	Department	Thesis Title	First author publication details
1	Alan Prem Kumar (Dr)	Poh Han Ming	Doctor of Philosophy	Pharmacology	PHARMACOLOGICAL INHIBITION OF TFF3 ENHANCES SENSITIVITY-AND OVERCOMES ACQUIRED RESISTANCE-TO DOXORUBICIN IN ESTROGEN RECEPTOR-POSITIVE BREAST CANCER	1. Cancers, 11, 1528, Inhibition of TFF3 Enhances Sensitivity—and Overcomes Acquired Resistance—to Doxorubicin in Estrogen Receptor-Positive Mammary Carcinoma, 10/2019, DOI: 10.3390/cancers11101528
2	Anand Devaprasath Jeyasekharan (Dr)	Michal Marek Hoppe	Doctor of Philosophy	Cancer Science Institute (CSI)	REGULATION AND CLINICAL RELEVANCE OF RAD51 EXPRESSION IN CANCER	1. J Natl Cancer Inst, 110(7), 704-13, Biomarkers for Homologous Recombination Deficiency in Cancer, 07/2018, DOI: 10.1093/jnci/djy085 2. Leuk Lymphoma, 60(13), 3214-24, The contribution of MYC and PLK1 expression to proliferative capacity in diffuse large B-cell lymphoma, 12/2019, DOI: 10.1080/10428194.2019.1633629 3. Oncotarget, 7(34), 55290-301, CEACAM6 is upregulated by Helicobacter pylori CagA and is a biomarker for early gastric cancer, 08/2016, DOI: 10.18632/oncotarget.10528
3	Chang, Matthew Wook (AP)	Nikhil Aggarwal	Doctor of Philosophy	Biochemistry	ENGINEERING LACTOBACILLUS SPP. FOR THE TREATMENT OF HUMAN DISEASES	1. Nature Biomedical Engineering, 3, 680-681, Phage-boosted chemotherapy, 09/2019, DOI: 10.1038/s41551-019-0450-z
4	Chen Qing Feng (Dr)	Ceccarello Erica	Doctor of Philosophy	Microbiology and Immunology	FUNCTIONAL MODIFICATION USING ANTISENSE OLIGONUCLEOTIDES OF TCR-REDIRECTED T CELLS FOR IMMUNOTHERAPY OF HBV-RELATED HEPATOCELLULAR CARCINOMA	1. Frontiers in Immunology, 9, 1-12, Characterizing the Role of Monocytes in T Cell Cancer Immunotherapy Using a 3D Microfluidic Model., 03/2018, DOI: 10.3389/fimmu.2018.00416
5	Chester Lee Drum (Dr)	Yee Wei Loong Sherman	Doctor of Philosophy	Medicine	POPULATION SOURCED DISCOVERY OF GENETIC VARIANTS IN STATIN METABOLISM	1. Advanced Therapeutics, 3, 11, Increasing Complexity to Simplify Clinical Care: High Resolution Mass Spectrometry as an Enabler of AI Guided Clinical and Therapeutic Monitoring, 04/2020, DOI: 10.1002/adtp.201900163

6	Chow Tak Kwong, Vincent (AP)	Ong Wee Jian Joe	Doctor of Philosophy	Microbiology and Immunology	DIFFERENTIAL EFFECTS OF MICRORNA-21, 99 AND 145 ON LUNG REGENERATION BY PUTATIVE STEM CELLS DURING RECOVERY FROM INFLUENZA PNEUMONIA	1. MDPI Cells, 8, 9, Insights into Early Recovery from Influenza Pneumonia by Spatial and Temporal Quantification of Putative Lung Regenerating Cells and by Lung Proteomics, 08/2019, DOI: 10.3390/cells8090975
7	Christiani Jeyakumar Henry (Prof)	Ong Chengsi	Doctor of Philosophy	Biochemistry	BODY MASS, COMPOSITION AND FUNCTIONAL OUTCOMES IN CRITICALLY ILL CHILDREN	1. Critical Care Medicine, 47, e445-453, Body composition and acquired functional impairment in survivors of pediatric critical illness, 06/2019, DOI: 10.1097/CCM.0000000000003720 2. Journal of Parenteral and Enteral Nutrition, 41, 1091-99, Skeletal Muscle Ultrasonography in Nutrition and Functional Outcome Assessment of Critically Ill Children: Experience and Insights From Pediatric Disease and Adult Critical Care Studies., 09/2017, DOI: 10.1177/0148607116683143 3. Pediatric Critical Care Medicine, 17, e247-e259, Functional Outcomes and Physical Impairments in Pediatric Critical Care Survivors: A Scoping Review., 05/2016, DOI: 10.1097/PCC.0000000000000706
8	Dario Campana (Prof)	Morteza Hafezi	Master of Science	Paediatrics	DIFFERENTIAL EFFECTS OF IMMUNOSUPPRESSANTS ON THE FUNCTION OF ENGINEERED TCR-T CELLS	1. hepatoma research, ---, 8, T cell immunotherapy in hepatitis B virus related hepatocellular carcinoma, 05/2018, DOI: 10.20517/2394-5079.2018.55
9	Dario Campana (Prof)	Natasha Vinanica	Doctor of Philosophy	Paediatrics	IMPROVING THE EFFICACY OF CHIMERIC ANTIGEN RECEPTOR T-CELLS FOR CANCER THERAPY	1. Blood, 135, 668–679, Specific stimulation of T lymphocytes with erythropoietin for adoptive immunotherapy, 02/2020, DOI: 10.1182/blood.2019001645
10	Dheen, Shaikali Thameem (AP)	Deepika Kandilya	Doctor of Philosophy	Anatomy	EFFECTS OF MATERNAL FACTORS ON DNA METHYLATION PATTERN IN HUMAN NEURAL PROGENITOR CELLS	1. Epigenomics, 10, 1143–1161, Zika virus alters DNA methylation status of genes involved in Hippo signaling pathway in human neural progenitor cells, 08/2019, DOI: 10.2217/epi-2018-0180

11	Dheen, Shaikali Thameem (AP)	Genevieve Saw Tse Jing	Doctor of Philosophy	Anatomy	EPIGENETIC REGULATION OF MICROGLIAL PHOSPHATIDYLINOSITOL 3-KINASE PATHWAY INVOLVED IN SYNAPTIC PLASTICITY IN RODENTS	1. <i>Glia</i> , 68, 3, Epigenetic regulation of microglial phosphatidylinositol 3-kinase pathway involved in long-term potentiation and synaptic plasticity in rats, 11/2019, DOI: 10.1002/glia.23748
12	Edward Kai-Hua Chow (AP)	Gu Mengjie	Doctor of Philosophy	Pharmacology	MULTI-MODAL NANODIAMOND DRUG DELIVERY PLATFORM FOR SUBTYPE-SPECIFIC HEPATOCELLULAR CARCINOMA TREATMENT	1. <i>ACS Applied Materials & Interfaces</i> , 11, 45427-45441, Nanodiamond-Mediated Delivery of a G9a Inhibitor for Hepatocellular Carcinoma Therapy, 11/2019, DOI: 10.1021/acsami.9b16323 2. <i>Advanced Therapeutics</i> , 1, 1800110, Nanodiamond-Based Platform for Intracellular-Specific Delivery of Therapeutic Peptides against Hepatocellular Carcinoma, 10/2018, DOI: 10.1002/adtp.201800110 3. <i>Drug Discovery Today</i> , 23, 1043-1052, Applications of stimuli-responsive nanoscale drug delivery systems in translational research, 11/2017, DOI: 10.1016/j.drudis.2017.11.009 4. <i>SLAS Technology</i> , 23, 44-56, Stimuli-responsive nanodiamond-based biosensor for enhanced metastatic tumor site detection, 10/2017, DOI: 10.1177/2472630317735497
13	Gautam Sethi (AP)	Loukik Arora	Doctor of Philosophy	Pharmacology	IDENTIFICATION OF MOLECULAR TARGETS OF TRIS DBA [TRIS(DIBENZYLIDENEACETONE) DIPALLADIUM(0)]	1. <i>Cancers</i> , 10, NA, The Role of Signal Transducer and Activator of Transcription 3 (STAT3) and Its Targeted Inhibition in Hematological Malignancies, 09/2018, DOI: 10.3390/cancers10090327 2. <i>Signal Transduction Research for Cancer Therapy</i> , NA, NA, Role of NF- κ B activation in multiple myeloma and other hematological malignancies, 03/2020, DOI: 10.2174/9789811458118120010008
14	Halliwell, Barry (Prof)	Robert Alan Jappy Tucker	Master of Science	Biochemistry	ON THE SELECTIVITY OF THE ORGANIC CATION TRANSPORTER NOVEL TYPE 1	1. <i>BBRC</i> , 513, 22-27, Specificity of the ergothioneine transporter natively expressed in HeLa cells, 03/2019, DOI: 10.1016/j.bbrc.2019.02.122

15	Herath Jayantha Gunaratne (AP)	Kosok Max	Doctor of Philosophy	Anatomy	DISSECTING BREAST CANCER HETEROGENEITY BY ADVANCED PROTEOMICS MASS SPECTROMETRY FOR IDENTIFYING SUBCLASS-SPECIFIC THERAPEUTICS	1. iScience, 23(2), 100868, Comprehensive Proteomic Characterization Reveals Subclass-Specific Molecular Aberrations within Triple-negative Breast Cancer, 02/2020, DOI: 10.1016/j.isci.2020.100868
16	Jiang Jianming (Dr)	Liao Dan	Doctor of Philosophy	Biochemistry	DILATED CARDIOMYOPATHY RODENT MODEL GENERATED BY TTN GENE MODULTAION	1. Scientific reports, 9, 1-12, Upregulation of Yy1 Suppresses Dilated Cardiomyopathy caused by Ttn insufficiency, 11/2019, DOI: 10.1038/s41598-019-52796-0
17	Kaur, Charanjit (Prof)	Rita Hameister	Doctor of Philosophy	Anatomy	INFLAMMATORY-HYPOXIC FACTORS INVOLVED IN FAILURE OF HIP JOINT REPLACEMENTS	1. Histol Histopathol., 1, 111-124, Bone biology in postnatal Wistar rats following hypoxia-reoxygenation, 01/2020, DOI: 10.14670/HH-18-143 2. J Arthroplasty, 8, 2575-2581, What Is the Role of Diagnostic and Therapeutic Sonication in Periprosthetic Joint Infections?, 08/2018, DOI: 10.1016/j.arth.2018.02.077 3. J Biomed Mater Res B, 5, 2073-2087, Reactive Oxygen/Nitrogen Species (ROS/RNS) and Oxidative Stress in Arthroplasty, 01/2020, DOI: 10.1002/jbm.b.34546
18	Khanna, Sanjay (AP)	Ng Si Yun	Doctor of Philosophy	Physiology	PEPTIDERGIC-MEDIATED MODULATION OF SALIENCE PROCESSING BY SEPTAL SUBSTANCE P NEUROTRANSMISSION	1. Frontiers in Cellular Neuroscience, 13, 528, Traumatic Brain Injuries: Pathophysiology and Potential Therapeutic Targets, 11/2019, DOI: 10.3389/fncel.2019.00528
19	Lai Kim Peng Mitchell (Dr)	Chai Yuek Ling	Doctor of Philosophy	Pharmacology	VASCULAR AND INFLAMMATORY BLOOD BIOMARKERS OF COGNITIVE IMPAIRMENT AND DEMENTIA	1. Brain Pathology, 29(1), 63-74, Lysosomal cathepsin D is upregulated in Alzheimer's disease neocortex and may be a marker for neurofibrillary degeneration, 07/2018, DOI: 10.1111/bpa.12631 2. Medicine, 95(33), e4566, Growth differentiation factor-15 and white matter hyperintensities in cognitive impairment and dementia, 08/2016, DOI: 10.1097/MD.0000000000004566

20	Lee Bee Wah (Prof)	Lee Li Yuan Gabriella Nadine	Master of Science	Paediatrics	THE ROLE OF HOUSE DUST MITE SENSITIZATION IN GALACTO-OLIGOSACCHARIDE (GOS) ALLERGY IN SINGAPORE	1. Journal of Allergy and Clinical Immunology, 0, 0, Allergy to prebiotic galacto-oligosaccharides: House dust mites-the putative primary sensitizer, 10/2019, DOI: 10.1016/j.jaci.2019.10.003
21	Lee Guat Lay, Caroline (AP)	Lim Lee Jin	Doctor of Philosophy	Biochemistry	ASSOCIATION OF LONG NON-CODING RNAs WITH PROGNOSIS OF HEPATOCELLULAR CARCINOMA PATIENTS	1. Cancer Research, 79, 5131–5139, Roles and Regulation of Long Noncoding RNAs in Hepatocellular Carcinoma, 10/2019, DOI: 10.1158/0008-5472.CAN-19-0255 2. Scientific reports, NA, NA, Network of clinically-relevant lncRNAs-mRNAs associated with prognosis of Hepatocellular Carcinoma patients, 06/2020, DOI: 10.1038/s41598-020-67742-8
22	Liaw Sok Ying (AP)	Chua Wei Ling	Doctor of Philosophy	Alice Lee Ctr for Nursing Stud	GENERAL WARD NURSES' EXPERIENCES AND ATTITUDES TOWARDS RECOGNISING AND ESCALATING CARE FOR CLINICALLY DETERIORATING PATIENTS: EXPLORATORY AND SCALE DEVELOPMENT	1. Australian Critical Care, S1036-7314, 30275-3, A call for better doctor-nurse collaboration: A qualitative study of the experiences of junior doctors and nurses in escalating care for deteriorating ward patients., 02/2019, DOI: 10.1016/j.aucc.2019.01.006 2. International Journal for Quality in Health Care, 29, 981-998, Factors influencing the activation of the rapid response system for clinically deteriorating patients by frontline ward clinicians: a systematic review, 12/2017, DOI: 10.1093/intqhc/mzx149 3. International Journal of Nursing Studies, 95, 56-64, Seeing the whole picture in enrolled and registered nurses' experiences in recognizing clinical deterioration in general ward patients: A qualitative study., 07/2019, DOI: 10.1016/j.ijnurstu.2019.04.012
23	Mahmoud A. Pouladi (Dr)	Amin Ziaei	Doctor of Philosophy	Medicine	INVESTIGATING THE ROLE OF ERMIN IN MYELIN SHEATH INTEGRITY AND ITS RELEVANCE TO MULTIPLE SCLEROSIS	1. Neurology Genetics, August 2019, 5, Novel mutation in HTRA1 in a family with diffuse white matter lesions and inflammatory features, 06/2019, DOI: 10.1212/NXG.0000000000000345
24	Mahmoud A. Pouladi (Dr)	Costanza Ferrari Bardile	Doctor of Philosophy	Medicine	ROLE OF OLIGODENDROCYTES IN THE PATHOLOGY OF HUNTINGTON DISEASE	1. PNAS, 116(19), 9622-9627, Intrinsic mutant HTT-mediated defects in oligodendroglia cause myelination deficits and behavioral abnormalities in Huntington disease, 04/2019, DOI: 10.1073/pnas.1818042116

25	Manser, Edward J (AP)	Caner Akil	Doctor of Philosophy	Pharmacology	LIVING FOSSIL RECORD OF THE PRIMORDIAL ACTIN CYTOSKELETON IN PRESENT-DAY ASGARD ARCHAEA	1. NATURE, 562, 439–443, Genomes of Asgard archaea encode profilins that regulate actin, 10/2018, DOI: 10.1038/s41586-018-0548-6
26	Markus R Wenk (Prof)	Yohannes Abere Ambaw	Doctor of Philosophy	Biochemistry	TEAR LIPID MEDIATORS IN HEALTHY PEOPLE AND THOSE WITH OCULAR SURFACE DISEASE	1. Nature Scientific Reports, 8, 31-93, Tear eicosanoids in healthy people and ocular surface disease, 07/2018, DOI: 10.1038/s41598-018-29568-3
27	Ng Huck Hui (Prof)	Ege Deniz Yildirim	Doctor of Philosophy	Biochemistry	DIRECT CONVERSION OF HUMAN FIBROBLASTS INTO FUNCTIONAL OSTEOBLASTS BY SMALL MOLECULES	1. Cell Proliferation, 52, NA, Assessment of different strategies for scalable production and proliferation of human myoblasts, 03/2019, DOI: 10.1111/cpr.12602
28	Nicholas Robert John Gascoigne (Prof)	Chen Weihua Elijah	Doctor of Philosophy	Microbiology and Immunology	IDENTIFICATION OF CDC7 AS A NEW REGULATOR OF T CELL ACTIVATION	1. Frontiers in Immunology, 10, 1718, A Dual Inhibitor of Cdc7/Cdk9 Potently Suppresses T Cell Activation., 07/2019, DOI: 10.3389/fimmu.2019.01718 2. Journal of Visualized Experiments, 143, e58946, Identification of Mediators of T-cell Receptor Signaling via the Screening of Chemical Inhibitor Libraries., 01/2019, DOI: 10.3791/58946 3. Scientific reports, 8, 10046, Development of a screening strategy for new modulators of T cell receptor signaling and T cell activation., 07/2018, DOI: 10.1038/s41598-018-28106-5
29	Nicholas Robert John Gascoigne (Prof)	Namrata Gautam	Doctor of Philosophy	Microbiology and Immunology	ROLE OF THEMIS IN REGULATING THE SIGNALLING AND FUNCTIONS OF PERIPHERAL T CELLS	1. Methods, Elsevier, 134-135, 11-19, A high content imaging flow cytometry approach to study mitochondria in T cells: MitoTracker Green FM dye concentration optimization, 12/2017, DOI: 10.1016/j.ymeth.2017.11.015

30	Nicholas Robert John Gascoigne (Prof)	Wu Ling	Doctor of Philosophy	Microbiology and Immunology	CHIMERIC ANTIGEN RECEPTOR BASED ON T CELL RECEPTOR LIKE ANTIBODY	1. Cellular and Molecular immunology, N.A., N.A., Signaling from T cell receptor and chimeric antigen receptor in T cell, 06/2020, DOI: 10.1038/s41423-020-0470-3
31	Paul A MacAry (AP)	Neo Jie Ying Jacklyn	Doctor of Philosophy	Microbiology and Immunology	CHARACTERISATION OF A HUMAN ANTIBODY THAT POTENTIALLY LINKS CYTOMEGALOVIRUS INFECTION WITH SYSTEMIC LUPUS ERYTHEMATOSUS	1. Scientific Reports, 9, 9998, Characterisation of a human antibody that potentially links cytomegalovirus infection with systemic lupus erythematosus, 07/2019, DOI: 10.1038/s41598-019-46329-y
32	Philip Keith Moore (Prof)	Ng Li Theng	Doctor of Philosophy	Pharmacology	THE ROLE OF H2S DONOR COMPOUNDS AS POTENTIAL CR MIMETIC AND LIFESPAN EXTENDING DRUGS IN CAENORHABDITIS ELEGANS	1. Biochemical Pharmacology, 149, 91-100, Is there a role of H2S in mediating healthspan benefits of caloric restriction?, 01/2018, DOI: 10.1016/j.bcp.2018.01.030 2. npj Aging and Mechanisms of Disease, N.A., N.A., Lifespan and healthspan benefits of exogenous H2S in C. elegans are independent from effects downstream of eat-2 mutation, 12/2019, DOI: 10.1038/s41514-020-0044-8
33	Schwarz, Herbert (AP)	Zeng Qun	Doctor of Philosophy	Physiology	AKT-DRIVEN GLYCOLYSIS CONTRIBUTES TO THE SUPERIOR FUNCTION OF CD137L-DCS, WHOSE DIFFERENTIATION IS MEDIATED BY CD137L AND CD32A	1. Frontiers in Immunology, 10, 868, Increased Akt-Driven Glycolysis Is the Basis for the Higher Potency of CD137L-DCs, 04/2019, DOI: 10.3389/fimmu.2019.00868 2. Frontiers in Immunology, 10, 2216, Potent Immune-Stimulators-History, Characteristics and Perspectives, 10/2019, DOI: 10.3389/fimmu.2019.02216 3. Journal of Hematology, 8, 47, Plasma Factors for the Differentiation of Hodgkin's Lymphoma and Diffused Large B Cell Lymphoma and for Monitoring Remission, 06/2019, DOI: 10.14740/jh499
34	Shen Han Ming (Prof)	Lu Guang	Doctor of Philosophy	Physiology	INVESTIGATION OF THE ROLE OF CUL4-RING UBIQUITIN LIGASES IN AUTOPHAGY DURING MITOSIS	1. Autophagy, 15, 1917-1934, Suppression of autophagy during mitosis via CUL4-RING ubiquitin ligases-mediated WIP12 polyubiquitination and proteasomal degradation, 03/2019, DOI: 10.1080/15548627.2019.1596484

35	Sudhakar Jha (Dr)	Lin, Xiaoxuan	Doctor of Philosophy	Cancer Science Institute (CSI)	INTERPLAY BETWEEN TRANSCRIPTION FACTORS AND DNA METHYLATION	<p>1. BMC Bioinformatics, 19, 299, miREM: an expectation-maximization approach for prioritizing miRNAs associated with gene-set, 12/2018, DOI: 10.1186/s12859-018-2292-1</p> <p>2. Nucleic acids research, 47, D145-D154, MethMotif: an integrative cell specific database of transcription factor binding motifs coupled with DNA methylation profiles, 01/2019, DOI: 10.1093/nar/gky1005</p> <p>3. Nucleic acids research, 48, e10-e10, TFregulomeR reveals transcription factors' context-specific features and functions, 01/2020, DOI: 10.1093/nar/gkz1088</p>
36	Sudhakar Jha (Dr)	Shainan Hora	Doctor of Philosophy	Biochemistry	IDENTIFYING THE ROLE OF TIP60 IN HEPATOCELLULAR CARCINOMA	<p>1. Intech Open (Neoplasm), NA, 159-202, Biomarker-Based Targeted Therapeutics, 05/2018, DOI: 10.5772/intechopen.78377</p>
37	Tai E Shyong (Prof)	Amelia Tan Li Min	Doctor of Philosophy	Medicine	UNDERSTANDING THE MECHANISM OF INSULIN RESISTANCE IN SKELETAL MUSCLE TISSUE IN A MULTI-ETHNIC POPULATION	<p>1. Journal of Human Genetics, 65, 411–420, Genome-wide meta-analysis associates GPSM1 with type 2 diabetes, a plausible gene involved in skeletal muscle function, 01/2020, DOI: 10.1038/s10038-019-0720-3</p> <p>2. The Journal of Clinical Endocrinology & Metabolism, 104, 465–486, Ethnicity-specific skeletal muscle transcriptional signatures and their relevance to insulin resistance in Singapore, 02/2019, DOI: 10.1210/jc.2018-00309</p>
38	Takaomi Sanda (Dr)	Wang Lu	Doctor of Philosophy	Medicine	ASCL1, ACTIVATED BY LMO1 AND MYCN ONCOGENE, IS A MASTER REGULATOR OF DIFFERENTIATION PROGRAM IN ADRENERGIC NEUROBLASTOMA	<p>1. Nature Communication, 10.1, 1-15, ASCL1 is a MYCN- and LMO1-dependent member of the adrenergic neuroblastoma core regulatory circuitry., 12/2019, DOI: 10.1038/s41467-019-13515-5</p>
39	Takaomi Sanda (Dr)	Zhang Chujing	Doctor of Philosophy	Medicine	ONCO-REQUISITE ROLES OF ALDEHYDE DEHYDROGENASE 1A2 IN THE MOLECULAR PATHOGENESIS OF T-CELL ACUTE LYMPHOBLASTIC LEUKEMIA	<p>1. INTERNATIONAL JOURNAL OF HEMATOLOGY, 109, 5-17, Oncogenic transcriptional program driven by TAL1 in T cell acute lymphoblastic leukemia, 08/2018, DOI: 10.1007/s12185-018-2518-z</p>

40	Tay Mei Sian, Yvonne (Dr)	Kwok Zhi Hao	Doctor of Philosophy	Cancer Science Institute (CSI)	INVESTIGATION OF THE POST- TRANSCRIPTIONAL REGULATORY NETWORK OF THE TUMOR SUPPRESSOR PTEN IN COLON CANCER	1. Biochemical Society Transactions, 45, 8, Long noncoding RNAs: links between human health and disease, 06/2017, DOI: 10.1042/BST20160376 2. International Journal of Cancer, 143, 11, A non- canonical tumor suppressive role for the long non-coding RNA MALAT1 in colon and breast cancers, 08/2018, DOI: 10.1002/ijc.31386
41	Teh Ming (Prof)	Supriya Srivastava	Doctor of Philosophy	Pathology	ROLE OF METAPLASIA IN GASTRIC CANCER CARCINOGENESIS	1. Cancer Cell, 33, 1-14, Genomic and Epigenomic Profiling of High-Risk Intestinal Metaplasia Reveals Molecular Determinants of Progression to Gastric Cancer, 01/2018, DOI: 10.1016/j.ccell.2017.11.018
42	Teo Kee Keong Adrian (Dr)	Nguyen Thi Ha Linh	Doctor of Philosophy	Biochemistry	IMPACT OF GESTATIONAL DIABETES AND METFORMIN TREATMENT ON HUMAN EMBRYONIC DEVELOPMENT	1. E-biomedicine, 1, 394-404, Metformin from mother to unborn child-Are there unwarranted effects?, 08/2018, DOI: 10.1016/j.ebiom.2018.08.047
43	Thai Tran (AP)	Wong Huee Ping Amanda	Doctor of Philosophy	Physiology	CLINICAL AND FUNCTIONAL SIGNIFICANCE OF CD151 IN WILDTYPE EGRF NSCLC	1. Frontiers in Cell and Developmental Biology, 8, 64, CD151 in respiratory diseases, 02/2020, DOI: 10.3389/fcell.2020.00064
44	Vasudevan Subhash (Prof)	Chan Wing Ki Kitti	Doctor of Philosophy	Microbiology and Immunology	THE ROLE OF GENETIC VARIANTS OF NON-STRUCTURAL PROTEIN 1 IN DENGUE PATHOGENESIS	1. ACS Infectious Disease, 5, 932-948, Zika virus NS5 forms supramolecular nuclear bodies that sequester importin-a and modulate the host immune and pro- inflammatory response in neuronal cells, 06/2019, DOI: 10.1021/acsinfectdis.8b00373 2. Antiviral Research, 123, 5-14, Animal models for studying dengue pathogenesis and therapy, 11/2015, DOI: 10.1016/j.antiviral.2015.08.013 3. Science Translational Medicine, 11, eaat7726, A T164S mutation in the dengue virus NS1 protein is associated with greater disease severity in mice, 06/2019, DOI: 10.1126/scitranslmed.aat7726

45	Vinay Tergaonkar (Prof)	Mert Burak Ozturk	Doctor of Philosophy	Biochemistry	IDENTIFICATION OF NOVEL TRANSCRIPTIONAL MODULATORS OF ONCOGENESIS	1. Antioxidants, 6, 1, Current Insights to Regulation and Role of Telomerase in Human Diseases, 02/2017, DOI: 10.3390/antiox6010017
46	Wang Wenru (AP)	Seah Betsy	Doctor of Philosophy	Alice Lee Ctr for Nursing Stud	Developing and pilot-testing a health resource program, titled Salutogenic Healthy Aging Program Embracement (SHAPE), among senior-only households	1. Geriatric Nursing, 40(1), 37-50, A review on healthy ageing interventions addressing physical, mental and social health of independent community-dwelling older adults, 01/2019, DOI: 10.1016/j.gerinurse.2018.06.002 2. Journal of Advanced Nursing, 74(4), 946-956, Salutogenic Healthy Ageing Programme Embracement (SHAPE) for senior-only households: A study protocol, 04/2018, DOI: 10.1111/jan.13502
47	Wong Hee Kit (Prof)	Liu Ling	Doctor of Philosophy	Orthopaedic Surgery	BONE REGENERATION USING NELL-1 IN LUMBAR SPINAL FUSION	1. Journal of Biomaterials Research Part B, NIL, NIL, Improving the Handling Properties and Long-term Stability of Polyelectrolyte Complex by Freeze-drying Technique for Low-dose Bone Morphogenetic Protein 2 Delivery, 02/2020, DOI: 10.1002/jbm.b.34577 2. Tissue Engineering Part A, 25, 1677-1689, Synergistic Effect of NELL-1 and an Ultra-Low Dose of BMP-2 on Spinal Fusion, 12/2019, DOI: 10.1089/ten.tea.2019.0124
48	Wong Siew Cheng (Dr)	Sharon Lee Wei Ling	Doctor of Philosophy	Microbiology and Immunology	UNRAVELLING THE CANCER-ASSOCIATED ROLE OF MONOCYTES AND MACROPHAGES USING 3D MICROFLUIDIC MODELS	1. Advanced Healthcare Materials, NA, 1901486, Modeling nanocarrier transport across a 3D in vitro human blood-brain-barrier microvasculature, 03/2020, DOI: 10.1002/adhm.201901486 2. Frontiers in Immunology, 9, 416, Characterizing the role of monocytes in T cell cancer immunotherapy using a 3D microfluidic model, 03/2018, DOI: 10.3389/fimmu.2018.00416 3. Integrative Biology, NA, NA, Integrated in silico and 3D in vitro model of macrophage migration in response to physical and chemical factors in the tumor microenvironment, 03/2020, DOI: 10.1093/intbio/zyaa007 4. Journal of Controlled Release, 313, 80-95, MicroRNA delivery through nanoparticles, 11/2019, DOI: 10.1016/j.jconrel.2019.10.007 5. Redox Biology, 25, 101174, Targeting immune cells for

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49	Wong Tien Yin (Prof)	Chew Ming Han, Merwyn (Zhou Minghan, Merwyn)	Master of Science	Ophthalmology	THE ASSOCIATIONS OF SLEEP DURATION AND SLEEP DISTURBANCES WITH RETINOPATHY AND RETINAL VASCULAR PARAMETERS IN PERSONS WITH DIABETES	1. Diabetes Research and Clinical Practice, 159, ., The associations of objectively measured sleep duration and sleep disturbances with diabetic retinopathy., 01/2020, DOI: 10.1016/j.diabres.2019.107967
50	Yanika Kowitlawakul (AP)	Kho Siok Ee Sharon	Doctor of Philosophy	Alice Lee Ctr for Nursing Stud	The Effectiveness of Gamification Diabetes Education Program for Patients with Poorly Controlled Type 2 Diabetes Mellitus: A Randomised Controlled Trial.	1. Journal of Computer, Informatics & Nursing, 37(2), 99-106, The Development of a Diabetes Application for Patients with Poorly Controlled Type 2 Diabetes Mellitus, 02/2019, DOI: 10.1097/CIN.0000000000000485
51	Yew Wen Shan (AP)	Chua Puay Suan, Jasmine	Doctor of Philosophy	Biochemistry	SYNTHETIC ENZYMOLOGY FOR NEXT-GENERATION-OMICS APPLICATIONS	1. ACS Synthetic Biology, 0, 11, Evolving a thermostable terminal deoxynucleotidyl transferase, 06/2020, DOI: 10.1021/acssynbio.0c00078
52	Yu, Harry (Prof)	Sun Min	Doctor of Philosophy	Physiology	ENGINEERING PHYSICAL MICROENVIRONMENTS FOR HEPATOCYTE DIFFERENTIATION AND MATURATION	1. Biomaterials, 201, 16-32, Cleavable cellulosic sponge for functional hepatic cell culture and retrieval, 05/2019, DOI: 10.1016/j.biomaterials.2019.01.046