

S/N	Main Supervisor	Student	Degree	Department	Thesis Title	First author publication details
1	Adam Claridge-Chang (Dr)	Tayfun Tumkaya	Doctor of Philosophy	Physiology	INNATE AND LEARNED VALENCE: LESSONS FROM THE DROSOPHILA OLFACTORY SYSTEM	1. Neuroscience and Biobehavioral Reviews, 95, 361-382, A systematic review and meta-analysis of Drosophila short-term-memory genetics: robust reproducibility, but little independent replication, 12/2018, DOI: https://doi.org/10.1016/j.neubiorev.2018.07.016
2	Alan Prem Kumar (Dr)	Lui Kit Leng Sarah	Master of Science	Pharmacology	INVESTIGATING THE ROLE OF USP26 AND SHP2 IN THE REGULATION OF THE SMURF2-SMAD7-MEDIATED DOWNREGULATION OF THE TGF- β PATHWAY	1. EMBO Reports, 18, 511-657, USP26 regulates TGF- β signaling by deubiquitinating and stabilizing SMAD7, 04/2017, DOI: 10.15252/embr.201643270
3	Alan Prem Kumar (Dr)	Shreya Kar	Doctor of Philosophy	Pharmacology	THE ROLE OF ANNEXIN A1 IN THE DYNAMICS OF MACROPHAGE POLARIZATION IN THE BREAST TUMOR MICROENVIRONMENT	1. Cancer Treatment Reviews, Volume 62, Pages 29–38, Triple negative breast cancer in Asia: An insider's view, 01/2018, DOI: 10.1016/j.ctrv.2017.10.014
4	Alonso, Sylvie (A/Prof)	Lee Pei Xuan	Doctor of Philosophy	Microbiology and Immunology	INVESTIGATING THE ROLE OF DENGUE-SPECIFIC IMMUNITY IN PROTECTION AND DISEASE USING SYMPTOMATIC MOUSE MODELS	1. PLoS Negl Trop Dis, 10(6), e0004805, Relative contribution of dengue IgG antibodies acquired during gestation or breastfeeding in mediating dengue disease enhancement and protection in type I interferon receptor-deficient mice., 06/2016, DOI: https://doi.org/10.1371/journal.pntd.0004805
5	Baeg Gyeong Hun (Dr)	Sharon Tan Wui Sing	Doctor of Philosophy	Anatomy	REDOX HOMEOSTASIS IN THE DROSOPHILA TESTIS STEM CELL SELF-RENEWAL AND MAINTENANCE	1. Redox Biology, 15, 125-134, Small Maf functions in the maintenance of germline stem cells in the Drosophila testis, 12/2017, DOI: https://doi.org/10.1016/j.redox.2017.12.002 2. Stem Cell Reports, 9, 342-354, Redox Homeostasis Plays Important Roles in the Maintenance of the Drosophila Testis Germline Stem Cells, 06/2017, DOI: https://doi.org/10.1016/j.stemcr.2017.05.034
6	Bay Boon Huat (Prof)	Lim Jia Pei	Doctor of Philosophy	Anatomy	BIOLOGICAL INSIGHTS INTO Y-BOX BINDING PROTEIN-1	1. BMC Cancer, Mar 16;17(1), 201, YBX1 gene silencing inhibits migratory and invasive potential via CORO1C in

S/N	Main Supervisor	Student	Degree	Department	Thesis Title	First author publication details
					(YB-1) MEDIATED BREAST CANCER METASTASIS	<p>breast cancer in vitro., 03/2017, DOI: 10.1186/s12885-017-3187-7.</p> <p>2. Exp Mol Pathol., Dec;105(3), 364-370, A-kinase anchor protein 12 (AKAP12) inhibits cell migration in breast cancer, 12/2018, DOI: 10.1016/j.yexmp.2018.10.010.</p> <p>3. Food Chem Toxicol, Nov;109(Pt 1), 771-779, Potential adverse effects of engineered nanomaterials commonly used in food on the miRNome., 11/2017, DOI: 10.1016/j.fct.2017.07.030.</p> <p>4. Int J Oncol., Dec;53(6), 2579-2589, Y-box binding protein-1 and STAT3 independently regulate ATP-binding cassette transporters in the chemoresistance of gastric cancer cells., 12/2018, DOI: 10.3892/ijo.2018.4557.</p>
7	Chang, Matthew Wook (A/Prof)	Pham Hoang Long	Doctor of Philosophy	Biochemistry	PROGRAMMING SELF-DIRECTED EVOLUTION IN BACTERIA	<p>1. Current Opinion in Biotechnology, 48, 85-93, Applying the design-build-test paradigm in microbiome engineering, 12/2017, DOI: https://doi.org/10.1016/j.copbio.2017.03.021</p> <p>2. Nature Communications, 411, NA, Engineering a riboswitch-based genetic platform for the self-directed evolution of acid-tolerant phenotypes, 09/2017, DOI: https://doi.org/10.1038/s41467-017-00511-w</p>
8	Chen Leilei (Dr)	Han Jian	Doctor of Philosophy	Cancer Science Institute (CSI)	REGULATION OF CANCER TRANSCRIPTOME DIVERSITY BY ADAR-INTERACTING PARTNER DAP3 AND HYPOXIA	<p>1. Nature communications, na, na, Suppression of Adenosine-to-Inosine (A-to-I) RNA Editome by Death Associated Protein 3 (DAP3) Promotes Cancer Progression, 12/2018, DOI: na</p> <p>2. Scientific reports, 7, 4108, Hypoxia is a key driver of alternative splicing in human breast cancer cells, 06/2017, DOI: https://doi.org/10.1038/s41598-017-04333-0</p>
9	Chester Lee Drum (Dr)	Masurkar Nihar	Doctor of Philosophy	Medicine	THERMOSTABLE EXOSHELLS AS TOOLS FOR RECOMBINANT PROTEIN	<p>1. Nature Chemical Biology, -, -, Protein transduction using a thermostable exoshell mediates enzyme-prodrug therapy in vivo, 11/2018, DOI: -</p>

S/N	Main Supervisor	Student	Degree	Department	Thesis Title	First author publication details
					EXPRESSION AND IN VIVO DELIVERY	2. Nature Communications, 13, 1442, Thermostable exoshells fold and stabilize recombinant proteins, 11/2017, DOI: 10.1038/s41467-017-01585-2
10	Chng Wee Joo (Prof)	Chooi Jing Yuan	Doctor of Philosophy	Medicine	IDENTIFICATION OF FUNCTIONAL PROTEINS INTERACTING WITH MMSET IN MULTIPLE MYELOMA	1. Leukemia, 29, 753-757, Cbfb deficiency results in differentiation blocks and stem/progenitor cell expansion in hematopoiesis., 03/2015, DOI: 10.1038/leu.2014.316
11	Chong Yap Seng (Prof)	Chia Airu	Doctor of Philosophy	Obstetrics & Gynaecology	MATERNAL DIETARY PATTERNS, METABOLITE PROFILING, AND INFANT BIRTH OUTCOMES	<p>1. Adv Nutr, 0, 0, Maternal Dietary Patterns and Birth Outcomes: A Systematic Review and Meta-Analysis, 04/2019, DOI: 10.1093/advances/nmy123</p> <p>2. Am J Clin Nutr, 104 (5), 1416-1423, A vegetable, fruit, and white rice dietary pattern during pregnancy is associated with a lower risk of preterm birth and larger birth size in a multi-ethnic Asian cohort: The GUSTO study., 10/2016, DOI: 10.3945/ajcn.116.133892</p> <p>3. Am J Clin Nutr, 105 (4), 1010-1011, Reply to V Ansu and K He, 04/2017, DOI: 10.3945/ajcn.116.149690</p> <p>4. Am J Clin Nutr, 107 (1), 71-79, Adherence to a healthy eating index for pregnant women is associated with lower neonatal adiposity in a multiethnic Asian cohort: The GUSTO Study, 01/2018, DOI: 10.1093/ajcn/nqx003</p> <p>5. J Nutr, 145(6), 1303-1310, Maternal Protein Intake during Pregnancy Is Not Associated with Offspring Birth Weight in a Multiethnic Asian Population, 05/2015, DOI: 10.3945/jn.114.205948</p> <p>6. Sci Rep, 8(1), 730, The relationship of dietary fish intake to diabetic retinopathy and retinal vascular caliber in patients with type 2 diabetes, 01/2018, DOI: 10.1038/s41598-017-18930-6</p>

S/N	Main Supervisor	Student	Degree	Department	Thesis Title	First author publication details
12	Chu Jang Hann (A/Prof)	Shefali Banerjee	Doctor of Philosophy	Microbiology and Immunology	THE ROLE(S) OF ENDOTHELIAL MICRORNAS IN DENGUE VIRUS PATHOGENESIS AND ENDOTHELIAL PERMEABILITY	<p>1. eLIFE, -, -, miR-573 rescues endothelial dysfunction during dengue infection under PPARγ regulation, 01/2019, DOI: -</p> <p>2. Future virology, 10, 1101-1108, Potential prognostic markers for predicting onset of dengue hemorrhagic fever, 09/2015, DOI: 08/09/2015</p>
13	Dario Campana (Prof)	Png Yi Tian	Doctor of Philosophy	Paediatrics	DEVELOPMENT OF NOVEL T-CELL BASED THERAPIES FOR LYMPHOID MALIGNANCIES	<p>1. Blood Advances, 1, 2348-2360, Blockade of CD7 expression in T cells for effective chimeric antigen receptor targeting of T-cell malignancies, 11/2017, DOI: https://doi.org/10.1182/bloodadvances.2017009928</p>
14	Deron Raymond Herr (Dr)	Malavika Srikanth	Doctor of Philosophy	Pharmacology	ROLE OF PLA2-DERIVED BIOACTIVE LIPIDS IN NEUROINFLAMMATION	<p>1. European Journal of Pharmacology, 841, 49-56, Lysophosphatidic acid and its receptor LPA1 mediate carrageenan induced inflammatory pain in mice., 12/2018, DOI: 10.1016/j.ejphar.2018.10.005.</p> <p>2. Neuromolecular Medicine, 20, 504-514, Metabolism of Docosahexaenoic Acid (DHA) Induces Pyroptosis in BV-2 Microglial Cells., 12/2018, DOI: 10.1007/s12017-018-8511-0</p>
15	Deron Raymond Herr (Dr)	Wang Wei	Doctor of Philosophy	Pharmacology	ROLES OF SPHINGOSINE 1-PHOSPHATE RECEPTOR 2 (S1P2) IN NEURAL AND CANCER CELLS: IMPLICATION FOR PREVENTION OF CISPLATIN-INDUCED PERIPHERAL NEUROPATHY	<p>1. Cellular Signalling, 34, 66-75, Mechanisms of sphingosine 1-phosphate receptor signalling in cancer, 03/2017, DOI: 10.1016/j.cellsig.2017.03.002</p> <p>2. The FASEB journal, NA, NA, Sphingosine 1-phosphate signaling induces SNAI2 expression to promote cell invasion in breast cancer cells, 03/2019, DOI: 10.1096/fj.201801635R</p>
16	Dheen, Shaikali Thameem (A/Prof)	Seshadri Ramya	Doctor of Philosophy	Anatomy	ANALYSIS OF EPIGENETIC MECHANISMS IN NEURAL STEM CELLS OF MOUSE EMBRYOS FROM DIABETIC PREGNANCY	<p>1. Frontiers in Molecular Neuroscience, 10, 237, Maternal Diabetes Alters Expression of MicroRNAs that Regulate Genes Critical for Neural Tube Development, 07/2017, DOI: 27/7/2017</p>

S/N	Main Supervisor	Student	Degree	Department	Thesis Title	First author publication details
17	Ellen Birgitte Lane (Prof)	Giorgiana Ribeiro Salgado	Doctor of Philosophy	Pathology	BROADENING THE APPLICATION OF CULTURED HUMAN KERATINOCYTE GRAFTING	1. Differentiation, 98, 14-24, Human reconstructed skin xenografts on mice to model skin physiology, 09/2017, DOI: 10.1016/j.diff.2017.09.004
18	Fu Xin-Yuan (Prof)	Mu Tianhao	Doctor of Philosophy	Biochemistry	SINGLE-CELL RNA-SEQ DECIPHERS ENDODERMAL ORIGIN AND LIVER DEVELOPMENT BY TRACING FOXA2 LINEAGE	1. nature commutations, na, na, Characterizing the emergence of liver and gallbladder from the embryonic endoderm through single-cell RNA-Seq, 05/2019, DOI: na 2. thoracic cancer, 8, 606-612, Effects of FSTL1 on the proliferation and motility of breast cancer cells and vascular endothelial cells, 07/2017, DOI: doi: 10.1111/1759-7714.12491
19	H. Phillip Koeffler (Prof)	Han, Lin	Doctor of Philosophy	Medicine	ROLE OF SWI/SNF COMPONENT ARID1A IN HEMATOPOIETIC DEVELOPMENT	1. Leukemia, N/A, N/A, Chromatin remodeling mediated by ARID1A is indispensable for normal hematopoiesis in mice, 03/2019, DOI: 10.1038/s41375-019-0438-4
20	Hu Qidong (Dr)	Charannya Sozheesvari Subhramanyam	Doctor of Philosophy	Anatomy	ROLE OF PIWI/PIRNA IN REGULATING MICROGLIAL ACTIVATION AND NEURONAL DIFFERENTIATION	1. Current Medicinal Chemistry, 24, 1983-1997, Non-coding RNA in brain development and disorder, 02/2017, DOI: 10.2174/0929867324666170124151436 2. Scientific reports, -, -, Role of piRNA in modulating neuronal differentiation from human embryonal carcinoma cells, 12/2018, DOI: -
21	Jan Gruber (Dr)	Tesfahun Dessale Admasu	Doctor of Philosophy	Biochemistry	DRUG SYNERGY, TARGETING EVOLUTIONARY CONSERVED LONGEVITY AND AGING NETWORKS TO EXTEND HEALTHY LIFESPAN	1. Developmental Cell, 47, 1-13, Drug synergy slows aging and improves healthspan through IGF and SREBP lipid signaling, 09/2018, DOI: 10.1016/j.devcel.2018.09.001 2. Nature Scientific data, 5, 231-239, Lipid profile of C. elegans strains administered pro-longevity drugs and drug combinations, 10/2018, DOI: 10.1038/sdata.2018.231
22	Jan Gruber (Dr)	Yee Zhuangli	Doctor of Philosophy	Biochemistry	TESTING DAMAGE ACCUMULATION THEORIES	1. Aging Cell, 17 (5), e12814, Clonal expansion of mitochondrial DNA deletions is a private mechanism of aging

S/N	Main Supervisor	Student	Degree	Department	Thesis Title	First author publication details
					OF AGEING IN CAENORHABDITIS ELEGANS, MITOCHONDRIAL DNA DELETION AND PROTEIN AGGREGATION AS DETERMINANTS OF LIFESPAN	in long-lived animals, 07/2018, DOI: 10.1111/accel.12814
23	Lai Poh San (A/Prof)	Yim Onn Siong	Doctor of Philosophy	Paediatrics	THE RELATIONSHIP OF TELOMERE LENGTH WITH BEHAVIOURAL PHENOTYPES IN HUMANS	1. Proc Natl Acad Sci USA, 113(10), 2780-2785, Delay discounting, genetic sensitivity, and leukocyte telomere length., 03/2016, DOI: 10.1073/pnas.1514351113
24	Larbi Anis (Dr)	Anteneh Mehari Tizazu	Doctor of Philosophy	Microbiology and Immunology	METFORMIN DECREASES AGING AND DIABETES ASSOCIATED CHRONIC INFLAMMATION AND HAS AN IMMUNOMODULATORY ROLE	1. Frontiers in Physiology, 10, 572, Metformin Monotherapy Downregulates Diabetes-Associated Inflammatory Status and Impacts on Mortality, 05/2019, DOI: https://doi.org/10.3389/fphys.2019.00572
25	Lim Yoon Pin (Dr)	Alisha Francis Ramos	Doctor of Philosophy	Biochemistry	PI3K/AKT MEDIATED PHOSPHORYLATION OF USF-1 ENHANCES ITS TRANSCRIPTIONAL ACTIVATION OF WBP2 ONCOGENE IN BREAST CANCER CELLS	1. Faseb, 32, 20, Phosphorylation of E-box binding USF-1 by PI3K/AKT enhances its transcriptional activation of the WBP2 oncogene in breast cancer cells, 08/2018, DOI: December 2018
26	Lim Yoon Pin (Dr)	Hossein Tabatabaeian	Doctor of Philosophy	Biochemistry	WBP2 - A NOVEL TARGET OF HIPPO-INDUCED MIRNAS AND A REGULATOR OF THE MICROPROCESSOR COMPLEX IN BREAST CANCER	1. Gene, 531, 39-43, Assessment of HER-2 gene overexpression in Isfahan province breast cancer patients using real time RT-PCR and immunohistochemistry, 11/2013, DOI: https://doi.org/10.1016/j.gene.2013.08.040 2. Gene, 549, 1-6, Investigation of sensitivity, specificity and accuracy of Tetra primer ARMS PCR method in comparison with conventional ARMS PCR, based on sequencing technique outcomes in IVS-II-I genotyping of beta thalassemia patients, 10/2014, DOI: https://doi.org/10.1016/j.gene.2014.05.071 3. Journal of cancer research and therapeutics, 15, 108-114, miR-146a is deregulated in gastric cancer, 01/2019, DOI: 10.4103/jcrt.JCRT_855_17

S/N	Main Supervisor	Student	Degree	Department	Thesis Title	First author publication details
						4. The Breast, 42, 157-163, ErbB4 receptor polymorphism 2368A> C and risk of breast cancer, 12/2018, DOI: https://doi.org/10.1016/j.breast.2018.10.002
27	Ling Shuo-Chien (Dr)	Jin Wenhao	Doctor of Philosophy	Physiology	PREDICTIVE MODELS TO DISCOVER NOVEL RNA-BINDING PROTEINS	1. Molecular Cell, 64, 282-293, SONAR discovers RNA-binding proteins from analysis of large-scale protein-protein interactomes, 10/2016, DOI: https://doi.org/10.1016/j.molcel.2016.09.003
28	Ling Shuo-Chien (Dr)	Wang Jia	Doctor of Philosophy	Physiology	FUNCTIONS AND MECHANISMS UNDERLYING THE ESSENTIAL ROLES OF TDP-43, AN ALS/FTD PATHOLOGICAL SIGNATURE PROTEIN IN OLIGODENDROCYTES	1. PNAS, 115, E10941-E10950, Cell-autonomous requirement of TDP-43, an ALS/FTD signature protein, for oligodendrocyte survival and myelination, 11/2018, DOI: 1809821115
29	Melissa Jane Fullwood (Dr)	Cao Fan	Doctor of Philosophy	Cancer Science Institute (CSI)	UNDERSTANDING CHROMATIN INTERACTIONS FROM 1-DIMENSIONAL EPIGENETIC MARKS AND DNA SEQUENCES	1. Nature Genetics, 0, 0, Inflated performance measures in enhancer-promoter interaction prediction methods, 12/2018, DOI: NA 2. Scientific Reports, 7, 2186, Super-Enhancers and Broad H3K4me3 Domains Form Complex Gene Regulatory Circuits Involving Chromatin Interactions, 05/2017, DOI: 10.1038/s41598-017-02257-3
30	Ng Huck Hui (Prof)	Sidika Tapsin	Doctor of Philosophy	Biochemistry	GENOME-WIDE IDENTIFICATION OF RNA SENSORS IN PROKARYOTES AND EUKARYOTES	1. Jove, -, -, Finding RNA aptamers in transcriptomes using structure probing, 01/2010, DOI: - 2. Nature communications, 9, 1289, Genome-wide identification of natural RNA aptamers in prokaryotes and eukaryotes, 03/2018, DOI: 10.1038/s41467-018-03675-1
31	Nicholas Iain James Paton (Prof)	Annanya Shetty	Doctor of Philosophy	Medicine	ANALYSIS OF MYCOBACTERIAL CELL ENVELOPE STRESS AND	1. Frontiers in Microbiology, 9, 2960, Novel acetamide indirectly targets mycobacterial transporter MmpL3 by proton motive force disruption, 12/2018, DOI:

S/N	Main Supervisor	Student	Degree	Department	Thesis Title	First author publication details
					DISCOVERY OF A NOVEL MMPL3 INHIBITOR	10.3389/fmicb.2018.01898 2. Frontiers in Microbiology, 9, 1898, Mycobacterial Cell Wall Synthesis Inhibitors Cause Lethal ATP Burst, 08/2018, DOI: 10.3389/fmicb.2018.02960
32	Nicholas Iain James Paton (Prof)	Dereje Abate Negatu	Doctor of Philosophy	Medicine	FRAGMENT SCREEN IDENTIFIES MICROBIOTA METABOLITE THAT TARGETS TRYPTOPHAN BIOSYNTHESIS IN MYCOBACTERIUM TUBERCULOSIS	1. Antimicrobial Agents and Chemotherapy, 62, 8, Whole-cell screen of fragment library identifies gut microbiota metabolite indole propionic acid as antitubercular, 12/2017, DOI: 10.1128/AAC.01571-17 2. mBio, 10, 15, Gut microbiota metabolite indole propionic acid targets tryptophan biosynthesis in Mycobacterium tuberculosis, 03/2019, DOI: 10.1128/mBio.02781-18
33	Nicholas Iain James Paton (Prof)	Wassihun Wedajo Aragaw	Doctor of Philosophy	Medicine	DHFR INHIBITOR TRIAZA-COUMARIN IS A F420 REDOX-ACTIVATED DUAL MECHANISM ANTITUBERCULAR	1. European Journal of Medicinal Chemistry, 144, 262-276, 1,3,5-triazaspiro[5.5]undeca-2,4-dienes as selective Mycobacterium tuberculosis dihydrofolate reductase inhibitors with potent whole cell activity, 12/2017, DOI: doi.org/10.1016/j.ejmech.2017.12.017
34	Nicholas Robert John Gascoigne (Prof)	Mukul Prasad	Doctor of Philosophy	Microbiology and Immunology	ROLE OF THEMIS IN TYPE 2 DIABETES	1. Journal of Natural Science, Biology, and Medicine, 6(1), 80-84, Evaluation of DNA Damage in Type 2 Diabetes Mellitus Patients with and without Peripheral Neuropathy: A Study in South Indian Population., 01/2015, DOI: 10.4103/0976-9668.149096
35	Paul A MacAry (A/Prof)	Loghman Salimzadeh	Doctor of Philosophy	Microbiology and Immunology	B CELL IMMUNITY IN HBV INFECTION	1. Journal of Clinical Investigation, 128, 4573, PD-1 blockade partially recovers dysfunctional virus-specific B cells in chronic hepatitis B infection, 08/2018, DOI: https://doi.org/10.1172/JCI121957
36	Paul Anantharajah Tambyah (Prof)	Mandakhalik ar Kedar Diwakar	Doctor of Philosophy	Medicine	PREVENTION OF INFECTION IN UROLOGY PATIENTS	1. BMC Infectious Diseases, 18:370, 9, Restriction of in vivo infection by antifouling coating on urinary catheter with controllable and sustained silver release: a proof of concept

S/N	Main Supervisor	Student	Degree	Department	Thesis Title	First author publication details
					THROUGH THE USE OF NOVEL DEVICES	<p>study, 08/2018, DOI: 10.1186/s12879-018-3296-1</p> <p>2. Current Treatment Options in Infectious Diseases, 8:1, 18, New Technologies for Prevention of Catheter Associated Urinary Tract Infection, 03/2016, DOI: 10.1007/s40506-016-0069-5</p> <p>3. Scientific Reports, 8, 9, Extraction and quantification of biofilm bacteria: Method optimized for urinary catheters, 05/2018, DOI: 10.1038/s41598-018-26342-3</p>
37	Renia Laurent Claude (Prof)	Chang Zi Wei	Doctor of Philosophy	Microbiology and Immunology	ROLE OF IMMUNE SYSTEM IN THE CLEARANCE OF PLASMODIUM DURING ARTESUNATE THERAPY	<p>1. Antimicrobial Agents and Chemotherapy, 60, 6859-6866, Ex Vivo Maturation Assay for Testing Antimalarial Sensitivity of Rodent Malaria Parasites, 11/2016, DOI: 10.1128/AAC.01292-16</p> <p>2. Cellular Microbiology., 19, e12763, Adaptive immunity is essential in preventing recrudescence of Plasmodium yoelii malaria parasites after artesunate treatment, 11/2017, DOI: 10.1111/cmi.12763</p>
38	Reshma Taneja (Prof)	Akshay V Bhat	Doctor of Philosophy	Physiology	ROLE OF G9A LYSINE METHYLTRANSFERASE IN ALVEOLAR RHABDOMYOSARCOMA	<p>1. Antioxidants & Redox Signaling, 29, 1273-1292, Stressing the (Epi)Genome: Dealing with Reactive Oxygen Species in Cancer, 08/2018, DOI: https://doi.org/10.1089/ars.2017.7158</p> <p>2. Cancer Research, NA, NA, Epigenetic regulation of the PTEN-AKT-RAC1 axis by G9a is critical for tumor growth in alveolar rhabdomyosarcoma, 08/2018, DOI: NA</p>
39	Reshma Taneja (Prof)	Shruti Srinivasan	Doctor of Philosophy	Physiology	ROLE OF SUMOYLATION IN THE REGULATION OF G9A FUNCTION	1. Cell Death and Disease, NA, NA, 54-D,DB BLOCK, HARI NAGAR, NEW DELHI,110064C, 02/2019, DOI: https://www-nature-com.libproxy1.nus.edu.sg/cddis/
40	Robert Charles Robinson (A/Prof)	Clement Pierre	Doctor of Philosophy	Biochemistry	DESIGN OF PEPTIDES TO PREVENT ACTIN POLYMERIZATION	1. PNAS, 115, 10345-10350, Structural evidence for the roles of divalent cations in actin polymerization and activation of ATP hydrolysis, 10/2018, DOI: 10.1073/pnas.1806394115

S/N	Main Supervisor	Student	Degree	Department	Thesis Title	First author publication details
		Marcel Scipion				
41	Shek Pei-Chi, Lynette (Prof)	Chew Jian Ming Lamony	Doctor of Philosophy	Paediatrics	EVALUATION OF THE IMMUNOMODULATORY EFFECTS OF LACTOBACILLUS REUTERI METABOLITES IN HOUSE DUST MITE-STIMULATED T CELL RESPONSES IN VITRO	<p>1. Frontier in Immunology, NA, NA, Metabolites of Lactobacillus reuteri suppress house dust mite-stimulated T cell responses, 02/2019, DOI: NA</p> <p>2. World Allergy Organ J, 11, 37, Comparison of microbiota and allergen profile in house dust from homes of allergic and non-allergic subjects - results from the GUSTO study, 12/2018, DOI: 10.1186/s40413-018-0212-5</p>
42	Song Zhiwei (A/Prof)	Ryan Haryadi	Doctor of Philosophy	Biochemistry	THE ISOLATION, CHARACTERISATION, AND APPLICATION OF CHO GLYCOSYLATION MUTANT CELL LINES IN BIOTHERAPEUTICS	<p>1. bioengineered, 4, 90-94, CHO-gmt5, a novel CHO glycosylation mutant for producing afucosylated and asialylated recombinant antibodies, 04/2013, DOI: http://dx.doi.org/10.4161/bioe.22262</p> <p>2. glycobiology, 22, 897-911, Identification of functional elements of the GDP-fucose transporter SLC35C1 using a novel Chinese hamster ovary mutant, 04/2012, DOI: 10.1093/glycob/cws064</p> <p>3. plos one, 10, e0116878, Optimization of Heavy Chain and Light Chain Signal Peptides for High Level Expression of Therapeutic Antibodies in CHO Cells, 02/2015, DOI: 10.1371/journal.pone.0116878</p>
43	Sudhakar Jha (Dr)	Nishi Kumari	Doctor of Philosophy	Biochemistry	IDENTIFYING THE ONCOGENIC ROLE OF USP10 IN BREAST CANCER	<p>1. Biochimica et Biophysica Acta (BBA)-Reviews on Cancer, 1868(2), 456-483, The roles of ubiquitin modifying enzymes in neoplastic disease, 12/2017, DOI: 10.1016/j.bbcan.2017.09.002</p> <p>2. Intechopen (Neoplasm), 8, 203-243, Targeting Ubiquitin Proteasome system in cancer, 09/2018, DOI: 10.5772/intechopen.69560</p>
44	Tam Wai Leong (Tan Weiliang) (Dr)	Azad Saei	Doctor of Philosophy	Biochemistry	INVESTIGATING NOVEL MECHANISMS OF MAPK	<p>1. Journal of Experimental Medicine, 215, 1913-1928, Loss of USP28-mediated BRAF degradation drives resistance to RAF</p>

S/N	Main Supervisor	Student	Degree	Department	Thesis Title	First author publication details
					PATHWAY REGULATION IN MELANOMA	cancer therapies, 06/2018, DOI: 10.1084/jem.20171960 2. Journal of molecular & cellular oncology, 5, e1497862, Ubiquitination and adaptive responses to BRAF inhibitors in Melanoma, 09/2018, DOI: https://doi.org/10.1080/23723556.2018.1497862
45	Tan Boon Ooi, Patrick (Prof)	Xu Chang	Doctor of Philosophy	Cancer Science Institute (CSI)	CHARACTERIZATION OF HNF4a IN GASTRIC CANCER METABOLISM	1. Gut, NA, NA, HNF4a Pathway Mapping Identifies Wild-type IDH1 as a Targetable Metabolic Node in Gastric Cancer, 11/2018, DOI: NA 2. Nature Communications, 7, 12983, Epigenomic profiling of primary gastric adenocarcinoma reveals super-enhancer heterogeneity, 06/2016, DOI: 10.1038/ncomms12983
46	Tan Puay Hoon (A/Prof)	Koh Cui Yun, Valerie	Master of Science	Anatomy	METASTASIS IN MALIGNANT PHYLLODES TUMOURS OF THE BREAST - DEFINING PROGNOSTIC FACTORS	1. Applied Cancer Research, 37, 1-8, Distant metastases in phyllodes tumours of the breast: an overview, 07/2017, DOI: 10.1186/s41241-017-0028-6 2. Pathology, NA, NA, The utility of a targeted gene mutation panel in refining the diagnosis of breast phyllodes tumours, 08/2019, DOI: NA 3. Virchows Archiv, 472, 615-621, Size and heterologous elements predict metastases in malignant phyllodes tumours of the breast, 10/2017, DOI: 10.1007/s00428-017-2257-1
47	Tan Yee Joo (A/Prof)	James Odame Aboagye	Doctor of Philosophy	Microbiology and Immunology	VIRUS-HOST INTERACTIONS OF THE MIDDLE EAST RESPIRATORY SYNDROME CORONAVIRUS (MERS-COV) NUCLEOCAPSID PROTEIN	1. Bioscience Reports, 38(5), 1-10, Overexpression of the nucleocapsid protein of Middle East Respiratory Syndrome coronavirus up-regulates CXCL10, 10/2018, DOI: 10.1042/BSR20181059
48	Thai Tran (Dr)	Qiao Yongkang	Doctor of Philosophy	Physiology	ROLE OF CD151 IN ASTHMA AND INFLUENZA INFECTION	1. Inhal Toxicol, 21, 1200-1207, Irritant and adjuvant effects of gaseous formaldehyde on the ovalbumin-induced hyperresponsiveness and inflammation in a rat model, 12/2009, DOI: 10.3109/08958370902806159

S/N	Main Supervisor	Student	Degree	Department	Thesis Title	First author publication details
						<p>2. J Allergy Clin Immunol, 141, 1799-1817, CD151, a novel host factor of nuclear export signaling in influenza virus infection., 05/2018, DOI: 10.1016/j.jaci.2017.11.032</p> <p>3. J Allergy Clin Immunol, 139, 82-92.e5, CD151, a laminin receptor showing increased expression in asthmatic patients, contributes to airway hyperresponsiveness through calcium signaling, 01/2017, DOI: 10.1016/j.jaci.2016.03.029</p>
49	Veronique Angeli (A/Prof)	Lim Sheau Yng	Doctor of Philosophy	Microbiology and Immunology	THE FUNCTION, ORIGIN AND MAINTENANCE OF LYVE-1-EXPRESSING MACROPHAGES	1. Immunity, 49, 1-16, Hyaluronan receptor LYVE-1-expressing macrophages maintain arterial tone through hyaluronan-mediated regulation of smooth muscle cell collagen, 08/2018, DOI: 10.1016/j.immuni.2018.06.008
50	Vinay Tergaonkar (Prof)	Bilal Unal	Master of Science	Biochemistry	INVESTIGATING THE ROLE OF LONG NON-CODING RNAS IN INFLAMMATION	1. Cell, NA, NA, An Evolutionarily Conserved lncRNA Positively Regulates Inflammatory Responses, 10/2018, DOI: NA
51	Wang De Yun (Prof)	Liu Jing	Doctor of Philosophy	Otolaryngology	EFFECT AND UNDERLYING MECHANISMS OF INTERLEUKIN-13 (IL-13) ON THE BIOLOGICAL FUNCTIONS OF NASAL EPITHELIUM	<p>1. Allergy, 73, 1673-1685, Role of IL-13Ra2 in modulating IL-13-induced MUC5AC and ciliary changes in healthy and CRSwNP mucosa., 03/2018, DOI: 10.1111/all.13424</p> <p>2. International forum allergy rhinology, 7, 304-311, Myrtol standardized affects mucociliary clearance, 03/2017, DOI: 10.1002/alr.21878</p> <p>3. The Journal of Infectious Diseases, 217, 906-915, In Vitro Model of Fully Differentiated Human Nasal Epithelial Cells Infected With Rhinovirus Reveals Epithelium-Initiated Immune Responses., 03/2018, DOI: 10.1093/infdis/jix640</p>
52	Wong Tien Yin (Prof)	Gavin Tan Siew Wei	Doctor of Philosophy	Ophthalmology	DETERMINANTS, BIOMARKERS AND IMPACT OF DIABETIC RETINOPATHY IN ASIANS	<p>1. Lancet Diabetes Endocrinol, 5, 143-155, Diabetic macular oedema., 02/2017, DOI: 10.1016/S2213-8587(16)30052-3.</p> <p>2. ophthalmology, 125, 529-536, Ethnic Differences in the</p>

S/N	Main Supervisor	Student	Degree	Department	Thesis Title	First author publication details
						Prevalence and Risk Factors of Diabetic Retinopathy: The Singapore Epidemiology of Eye Diseases Study, 04/2017, DOI: 10.1016/j.ophtha.2017.10.026.
53	Wong Tsun Hon, Peter (Prof)	Zhao Hui	Doctor of Philosophy	Pharmacology	POTENTIAL ROLES AND MECHANISMS OF MODULATOR OF APOPTOSIS (MOAP)-1 IN STRESS AND DEPRESSION	1. Mol. Neurobiol, 56, 2185-2201, Absence of Stress Response in Dorsal Raphe Nucleus in Modulator of Apoptosis 1-Deficient Mice, 07/2018, DOI: 10.1007/s12035-018-1205-7
54	Yanika Kowitlawakul (A/Prof)	Teoh Yen Tjuin, Eugene	Doctor of Philosophy	Alice Lee Ctr for Nursing Stud	EFFECTIVENESS OF A TRANSITION-TO-PRACTICE PROGRAMME FOR NEWLY QUALIFIED REGISTERED NURSES' IN THEIR TRANSITION-TO-PRACTICE JOURNEY	1. Journal of Nursing Education and Practice, NA, NA, Lost in transition – Newly qualified Registered Nurses and their transition to practice journey in the first six months: A qualitative descriptive study, 03/2019, DOI: NA 2. Nurse Education Today, 33, 143-147, Lost in transition – A review of qualitative literature on newly qualified Registered Nurses' experiences in their transition to practice journey, 06/2013, DOI: 10.1016/j.nedt.2012.08.016 3. Singapore Nursing Journal, 40, 42-44, Research in brief – Lost in transition – Newly qualified Registered Nurses and their transition to practice journey : A qualitative descriptive study, 12/2013, DOI: NA
55	Yap Suen Mei, Celestial Therese (AP)	Wang Liming	Doctor of Philosophy	Physiology	PTEN-L IS A NOVEL PROTEIN PHOSPHATASE FOR UBIQUITIN DEPHOSPHORYLATION TO INHIBIT PINK1-PARKIN-MEDIATED MITOPHAGY	1. Autophagy, 14, 2023-2025, PTEN-L puts a brake on mitophagy, 09/2018, DOI: 10.1080/15548627.2018.1502565 2. Cell Research, 28, 787-802, PTEN-L is a novel protein phosphatase for ubiquitin dephosphorylation to inhibit PINK1-Parkin-mediated mitophagy, 06/2018, DOI: 10.1038/s41422-018-0056-0 3. Redox Biology, 19, 263-273, Artesunate-induced mitophagy alters cellular redox status, 08/2018, DOI: 10.1016/j.redox.2018.07.025

S/N	Main Supervisor	Student	Degree	Department	Thesis Title	First author publication details
56	Yew Wen Shan (A/Prof)	Liow Lu Ting	Doctor of Philosophy	Biochemistry	DEVELOPMENT OF GENETIC TOOLKIT AND SYNTHETIC CIRCUITRY IN CHROMOBACTERIUM VIOLACEUM FOR GOLD BIOLEACHING	1. Engineering biology, 2, NA, Characterization of constitutive promoters from the Anderson library in Chromobacterium violaceum ATCC 12472., 10/2018, DOI: NA
57	Yu, Hanry (Prof)	Song Ziwei	Doctor of Philosophy	Physiology	CELLULAR DYNAMICS OF LIVER REGENERATION FOR SMALL IN SITU INJURY	1. Advances in Experimental Medicine and Biology, 928, 419-433, Butein and Its Role in Chronic Diseases, 01/2016, DOI: 10.1007/978-3-319-41334-1_17 2. Seminars in Cell & Developmental Biology, 71, 153-167, Mechanosensing in Liver Regeneration, 11/2017, DOI: 10.1016/j.semcdb.2017.07.041