

Potential Supervisor list of the UM-Soochow University PhD Joint Programme for AY 2024/2025
2024/2025學年澳門大學 - 蘇州大學博士生聯合培養課程導師名單

University of Macau 澳門大學				Soochow University 蘇州大學	
Academic Unit 學術單位	Specialization 專業範疇	Supervisor 導師	Research Area 研究方向	Supervisor 導師	Research Area 研究方向
Faculty of Health Sciences 健康科學學院	Biomedical Sciences 生物醫藥	Prof. Kin Yip TAM 譚建榮	Small Molecule Inhibitors Development, Cancer Metabolism, Alzheimer's disease	Prof. Zheng YING 應征	Neurodegenerative diseases
				Prof. Rui SHENG 盛瑞	Neuropharmacology
				Prof. Hongfeng WANG 王洪楓	Neurodegenerative diseases
	Biomedical Sciences 生物醫藥	Prof. Hanming SHEN 沈漢明	Cancer Cell Biology, Autophagy and Mitophagy and Cancer metabolism	Prof. Guanghui WANG 王光輝	Molecular Pharmacology, Autophagy and Inflammation
				Prof. Ya-Qiu LONG 龍亞秋	Medicinal chemical biology, small molecule and peptide antitumor agents, antivirals and antidiabetic agents
	Biomedical Sciences 生物醫藥	Prof. Guokai CHEN 陳國凱	Lineage-specific differentiation from human embryonic stem cells, Metabolic regulation in stem cells, Biotechnology development in stem cells	Prof. Xiuli ZHANG 張秀莉	Organ-on-a-chip technique for microenvironment
	Biomedical Sciences 生物醫藥	Prof. Edwin Chong Wing CHEUNG 張仲榮	Nuclear Hormone Signaling, Cancer, Sequencing, Transcriptional regulation, drug sensitivity and resistance, drug discovery	Prof. Weipeng WANG 汪維鵬	Novel anti-cancer targets identification and drug discovery
				Prof. Ya-Qiu LONG 龍亞秋	medicinal chemical biology, small molecule and peptide antitumor agents, antivirals and antidiabetic agents
	Biomedical Sciences 生物醫藥	Prof. Elaine Lai Han LEUNG 梁麗嫻	Cancer, drug discovery, gut microbiota, TCM	Prof. Guoqiang XU 許國強	Proteomics, Post-translational modification, Ubiquitination, Ubiquitin-like modification, Epigenetic regulation, Cancer biology
				Prof. Pan DENG 鄧洋	Stable isotope resolved metabolomics, gut microbiota-host metabolic interactions, gut microbial metabolism
				Prof. Zhenqing ZHANG 張真慶	Structure characterization, multiple bioactivities exploration and SAR research of polysaccharides from Chinese Medicinal Herbs
				Prof. Weipeng WANG 汪維鵬	Novel anti-cancer targets identification and drug discovery
	Biomedical Sciences 生物醫藥	Prof. Zhen YUAN 袁振	Neurosciences, Neuroimaging, Psychiatric Disorders, Biomedical Optics and Optical Molecular Imaging, Nanomedicine	Prof. Xuechu ZHEN 鎮學初	Neuropsychopharmacology, CNS drug discovery, Neuroinflammation, signal transduction
				Prof. Yang ZAHNG 張陽	认知神经科学、实验心理学研究方法
	Biomedical Sciences 生物醫藥	Prof. Wenhua ZHENG 鄭文華	Neuro pharmacology, Aging, Neuronal Degenerative Disorders, Molecular Mechanisms of Neuronal Death and Survival and New Drug Developments	Prof. Huiling ZHANG 張慧靈	Cerebrovascular Pharmacology, drug discover, Autophagy and Neuroinflammation
	Biomedical Sciences 生物醫藥	Prof. Lijun DI 狄利俊	Mammary tumor development using genetic mice model; Co-repressor complex function in cancer development; GSK3 function in obesity and insulin resistance; Autophagy in Cancer, crosstalk between adipose tissue and cancer cell	Prof. Liang HAN 韓亮	Nanomedicine targeting breast cancer brain metastases, insulin resistance
	Biomedical Sciences 生物醫藥	Pro. Ningyi SHAO 邵宁一	Cardiovascular Development and Diseases, Bioinformatics, Computational Biology, Multi-omics Integration Analysis, Genome Research, Epigenetics and Transcriptome Research	Prof. Shijun HU 胡士軍	Human Pluripotent Stem Cells, Cardiomyocyte Differentiation, Organoid, Cardiovascular Diseases, Disease Modeling, Toxicological Evaluation, Drug Screening, Regenerative & Translational Medicine
	Biomedical Sciences 生物醫藥	Prof. Hang Fai KWOK 郭珩輝	Novel Therapeutic Antibodies Development, Venom-based Peptide & Natural Biomolecule Prototype Drugs Development, Cancer Biomarkers & Immunotherapy Markers Discovery for Prognostic and Therapeutic Validation	Prof. Jinping ZHANG 張進平	Differentiation and development of lymphocytes, Ubiquitination, Mouse model, Immunotherapy, Autoimmune disease
				Prof. Yiran ZHENG 鄭毅然	CAR-T therapy, Autoimmune diseases, Drug delivery
	Biomedical Sciences 生物醫藥	Prof. Gang LI 李剛	Cancer Epigenetics, Cell-based High Throughput Screening Systems, Signal Transduction Pathways, Posttranslational Modification of Epigenetic Regulators and PcG Proteins	Prof. Feng LIU 劉峰	Synthetic Chemistry, Drug discovery
				Prof. Zhenqing ZHANG 張真慶	Structure, bioactivities and SAR research of polysaccharides
	Biomedical Sciences 生物醫藥	Prof. Peng WANG 王鵬	Deep learning for single cell data analysis; Tumor heterogeneity; Drug discovery.	Prof. Feng LIU 劉峰	Synthetic Chemistry, Drug discovery
	Biomedical Sciences 生物醫藥	Prof. Vivien Ya-Fan WANG 王雅凡	Nuclear Factor kappaB (NF-kB), IκB proteins, Crystallization, Signal Transduction and Post-translational Modifications	Prof. Xuechu ZHEN 鎮學初	Neuropsychopharmacology, CNS drug discovery, Neuroinflammation, signal transduction
				Prof. Chunshan GUI 貴春山	Post-translational modifications of drug transporters
	Biomedical Sciences 生物醫藥	Prof. Ruiyu XIE 謝瑞瑜	Chromatin-modifying Enzymes, Pancreatic, Epigenetics, High-throughput Sequencing and Genome-editing Technologies	Prof. Ya-Qiu LONG 龍亞秋	medicinal chemical biology, small molecule and peptide antitumor agents, antivirals and antidiabetic agents
				Prof. Qiaoming LONG 龍喬明	Transcriptional control of cell fate decisions of early pancreatic epithelial cells during mammalian embryonic development

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Faculty of Health Sciences 健康科學學院	Biomedical Sciences 生物醫藥	Prof. Xuanjun ZHANG 張宣軍	Synthetic Chemistry, Nanoscience, Semiconducting Polymers, Luminescent Probes and Bioimaging	Prof. Hengte KE 柯亨特	Nanotheranositics, Imaging Probes, Multimode Imaging Agent
				Prof. Yiran ZHENG 鄭毅然	CAR-T therapy, Autoimmune diseases, Drug delivery
	Biomedical Sciences 生物醫藥	Prof. Qi ZHAO 趙琦	Antibody-based Cancer Therapeutics, Cell Immunotherapy, Antibody Display, Nanomedicine	Prof. Xingyue JI 季興躍	Bioorthogonal Prodrug, ADC, linker chemistry, gasotransmitter prodrugs
				Prof. Yi ZHANG 張熠	oncogenes, molecular regulation of tumor response to therapy, organoid model
	Biomedical Sciences 生物醫藥	Prof. Qiang CHEN 陳強	Oncogenes, Tumor Suppressor Genes, Cancer Metabolism, Metabolic diseases, Inflammatory diseases	Prof. Zhenqing ZHANG 張真慶	Anti-inflammatory and SAR research of polysaccharides from Chinese Medicinal Herbs
				Prof. Guoqiang XU 許國強	Proteomics, Post-translational modification, Ubiquitination, Ubiquitin-like modification, Epigenetic regulation, Cancer biology
				Prof. Yi ZHANG 張熠	oncogenes, molecular regulation of tumor response to therapy, organoid model
	Biomedical Sciences 生物醫藥	Prof. Xiaofan DING 丁尚凡	1) Cancer biology; Precision medicine; 2) AI in cancer; Epigenomic data analysis; Genomic data analysis;	Prof. Ya-Qiu LONG 龍亞秋	medicinal chemical biology, small molecule and peptide antitumor agents, antivirals and antidiabetic agents
				Prof. Jinping ZHANG 張進平	Differentiation and development of lymphocytes, Ubiquitination, Mouse model, Immunotherapy, Autoimmune disease
	Biomedical Sciences 生物醫藥	Prof. Jiajie HOU 侯嘉杰	Post-therapeutic Inflammation and Cancer Immunity, Immunobiology, Combinatorial Immunotherapy	Prof. Zhenqing ZHANG 張真慶	Targeted delivery therapy of heparins- artesunate nanoparticles loaded with sorafenib for the treatment of liver cancer
				Prof. Guoqiang XU 許國強	Proteomics, Post-translational modification, Ubiquitination, Ubiquitin-like modification, Epigenetic regulation, Cancer biology
				Prof. Chunshan GUI 貴春山	Inflammation, Glycoproteomics, Cancer
				Prof. Huiling ZHANG 張慧靈	Cerebrovascular Pharmacology, drug discover, Autophagy and Neuroinflammation
	Biomedical Sciences 生物醫藥	Prof. Chen MING 明晨	Bioinformatics, Detection of genetic variants affecting neurodegenerative diseases, especially Alzheimer's disease; Multi-omics integration of neurodegenerative diseases; Novel mechanisms of neurodegenerative diseases in the single cell and spatial transcriptomic levels	Prof. Shijun HU 胡士軍	Human Pluripotent Stem Cells, Cardiomyocyte Differentiation, Organoid, Cardiovascular Diseases, Disease Modeling, Toxicological Evaluation, Drug Screening, Regenerative & Translational Medicine
				Prof. Mi LIU 劉密	Cancer nanovaccines, T cells, immunology
	Biomedical Sciences 生物醫藥	Prof. Yunlu DAI 代云路	biomaterials, nanomedicine, drug delivery	Prof. Huabing CHEN 陳華兵	Biomedical polymer, synergistic therapy, biomaterials, cancer imaging
Prof. Xuechu ZHEN 鎮學初				Neuropharmacology, CNS drug discovery, Neuroinflammation	
Biomedical Sciences 生物醫藥	Prof. Aifang CHANG 程愛芳	1) Pathogenesis of neurodegenerative diseases 2) Neuroprotective lead compounds discovery and drug repurposing	Prof. Yanli LIU 劉艷麗	The mechanism of inflammatory bowel disease and its interventions by drugs	
			Prof. Weipeng WANG 汪維鵬	Novel anti-cancer targets identification and drug discovery	
Institute of Chinese Medical Sciences 中華醫藥研究院	Biomedical Sciences 生物醫藥	Prof. Xiuping CHEN 陳修平	药理学与药物发现	Prof. Zhenqing ZHANG 張真慶	Structure characterization, multiple bioactivities exploration and SAR research of polysaccharides from Chinese Medicinal Herbs
				Prof. Xiuli ZHANG 張秀莉	Organ-on-a-chip technique for microenvironment
				Prof. Shilei ZHANG 張士磊	新型茶堊化學研究，藥物合成工藝及相關物質研究，藥物化學研究
				Prof. Ya-Qiu LONG 龍亞秋	Medicinal chemical biology, small molecule and peptide antitumor agents, antivirals and antidiabetic agents
	Biomedical Sciences 生物醫藥	Prof. Ligen LIN 林理根	代謝性疾病小分子藥物發現	Prof. Shengliang LI 李盛亮	光活性藥物、探針發現與藥物遞送
				Prof. Chunshan GUI 貴春山	Development of fluorescent substrates for drug transporters
	Biomedical Sciences 生物醫藥	Prof. Jinchao WEI 魏金超	光活性藥物發現與藥物質量檢測		

* Applicants can only apply for the PhD Joint Programme with the Soochow University through the online application system of UM. Applicants should choose their designated joint programmes and the pair of supervisors in their applications.