

生醫資訊所碩士班畢業生資料 (112學年度~)

畢業年 Graduation year	學位 Degree	畢業學期 Graduation semester	學生姓名 Student	指導教授 Advisor(s)	論文題目 Thesis/Dissertation Title
2024	碩士 Master	1121	楊英齡(Noether, Angela Eng Ling)	楊永正老師(Dr. Yang, Ueng-Cheng)	美國臨床試驗登記中有關台灣數據的加值(Value Addition to the Taiwan Clinical Trial Data in the US Clinical Trial Registry)
2024	碩士 Master	1121	李佳豫(Lee, Chia-Yu)	吳俊穎老師(Dr. Wu, Chun-Ying)	存活資料與基因交互作用網路建立應用於肝癌病患(Construction of Survival Genetic Interaction Network in Liver Hepatocellular Carcinoma)
2024	碩士 Master	1121	張淇淵(Chang, Chi-Yuan)	吳俊穎老師(Dr. Wu, Chun-Ying)	低氧環境和腸道微生物相變化對於斑馬魚發炎性腸道動物模板的影響(The effect of hypoxia and microbiota in zebrafish model of inflammatory bowel disease)

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2024	碩士 Master	1122	莊竣捷(Chuang, Jyun-Jie)	鍾翊方老師(Dr. Chung, I-Fang)	基於聯邦學習與染色正規化於腫瘤氣道擴散偵測(Detection of spread through air spaces based on federated learning and staining regularization)
2024	碩士 Master	1122	吳亭儀(Wu, Ting-Yi)	王禹超老師(Dr. Wang, Yu-Chao)	應用機器學習方法建立DNA甲基化特徵之免疫檢查點抑制劑反應預測模型(Developing DNA methylation-based prediction model for immune checkpoint inhibitor response by machine learning approaches)
2024	碩士 Master	1122	邢馨予(Hsing, Hsin-Yu)	林振慶老師(Dr. Lin, Chen-Ching)	癌症中小分子核糖核酸多樣性和功能的演化分析(Evolutionary analysis of miRNA diversity and function in cancers)
2024	碩士 Master	1122	董冠群(Tung, Kuan-Chiun)	黃宣誠老師(Dr. Huang, Hsuan-Cheng)	JuloVelo:整合細胞個別動態的單細胞RNA速度深度學習模型(JuloVelo: A deep learning framework for modeling single-cell RNA velocity with cell-specific kinetics)
2024	碩士 Master	1122	林菀純(Lin, Wan-Chun)	巫坤品老師(Dr. Wu, Kun-Pin)	基於臨床因素的可解釋機器學習模型預測卵巢癌治療後骨骼肌放射密度下降(Interpretable Machine Learning Model Based on Clinical Factors for Predicting Muscle Radiodensity Loss After Treatment in Ovarian Cancer)
2024	碩士 Master	1122	王弘宇(Wang, Hung-Yu)	陳卓逸老師(Dr. Chen, Cho-Yi)	以注意力機制整合細胞形態偵測建構深度學習模型於大腸癌組織病理切片影像預測微衛星不穩定性(Integrating Cell Morphology and Attention-Based Learning to Predict Microsatellite Instability in Colorectal Cancer from Histopathology Images)
2024	碩士 Master	1122	陳昱伶(Chen, Yu-Ling)	鍾翊方老師(Dr. Chung, I-Fang)	增強器官區域監督以引導於3D腹部電腦斷層影像的脾臟損傷偵測(Enhancing Organ Area Supervision to Guide for Spleen Injury Detection in 3D Abdominal CT Scans)
2024	碩士 Master	1122	曾薇修(Tseng, Wei-Hsiu)	洪哲倫老師(Dr. Hung, Che-Lun)	以CNN及LSTM做為心房顫動的多模態特徵混和技術之高精準度症狀預測與診斷(A High Precision Symptom Prediction and Diagnosis of Atrial Fibrillation Using CNN and LSTM with Multimodal Feature Fusion Technique)
2024	碩士 Master	1122	竺佩蓁(Zhu, Pei-Zhen)	巫坤品老師(Dr. Wu, Kun-Pin)	自動化實證醫學文獻篩選：一個基於主動學習與自然語言處理的應用系統開發(Automated Screening for Systematic Reviews in Evidence-Based Medicine: Application Development using Active Learning and Natural Language Processing)
2024	碩士 Master	1122	陳俞帆(CHEN, Yu-Fan)	張博論老師(Dr. Chang, Po-Lun)	BERT 微調模型用於輔助預測護理管理需求(To apply the BERT fine-tuning model to an predict care management needs)
2024	碩士 Master	1122	林宜潔(Lin, Yi-Jie)	張博論老師(Dr. Chang, Po-Lun)	建立長照平臺之商業智慧架構：從資料到智能決策(A Business Intelligence Framework Constructed on a Long-Term Care Platform: From Data to Intelligent Decision-making)
2024	碩士 Master	1122	楊雅晴(Yang, Ya-Ching)	洪哲倫老師(Dr. Hung, Che-Lun)	使用遷移學習模型和融合策略的皮膚病分類(Skin Disease Classification Using Transfer Learning Model and Fusion Strategy)
2024	碩士 Master	1122	余梓岑(Yu, Tzu-Tsen)	陳卓逸老師(Dr. Chen, Cho-Yi)	透過銅調控基因的表現識別出具有治療靶點的卵巢癌亞型(Expression profiling of copper-regulated genes identifies ovarian cancer subtypes with therapeutic target)
2024	碩士 Master	1122	楊依純(Yang, Yi-Chun)	吳俊穎老師(Dr. Wu, Chun-Ying)	疫情與肝癌肝動脈栓塞術治療及預後之相關性研究(Study on the association between COVID-19 pandemic treatment and prognosis of TACE for hepatocellular carcinoma patients)
2024	碩士 Master	1122	陳建安(Chen, Jian-An)	洪哲倫老師(Dr. Hung, Che-Lun) / 吳俊穎老師(Dr. Wu, Chun-Ying)	基於注意力機制的長新冠假消息辨識模型(Attention-Based Deep Learning Models for Detecting Long-Term Effects Misinformation of COVID-19)

2024	碩士 Master	1122	王彥然(Wang, Yan-Ran)	巫坤品老師(Dr. Wu, Kun-Pin)	PySortGUI: 一個基於python的開源神經動作電位波形分類圖形化使用者介面軟體(PySortGUI: A python-based open-source GUI software for spike sorting)
2024	碩士 Master	1122	陳映蓉(Chen, Ying-Jung)	陳卓逸老師(Dr. Chen, Cho-Yi)	多維度分析大腸癌中5-fluorouracil與oxaliplatin抗藥性之機制(Multidimensional analysis of resistance to 5-fluorouracil and oxaliplatin in colorectal cancer)
2024	碩士 Master	1122	劉育伶(Liu, Yu-Ling)	黃宣誠老師(Dr. Huang, Hsuan-Cheng)	探索賀爾蒙陽性乳癌與年齡相關的基因表現：癌症基因體資料庫之分析(Insights into Age-Related Differences in Hormone Receptor-Positive Breast Cancer: An Analysis of Public Genomic Databases)
2024	碩士 Master	1122	江辰霽(Chiang, Chen-Pei)	黃宣誠老師(Dr. Huang, Hsuan-Cheng)	利用細胞基因表現離散度預測年齡(Predicting Age with Cellular Gene Expression Dispersion)
2024	碩士 Master	1122	黃舒靖(Huang, Shu-Jing)	黃彥華老師(Dr. Huang, Yen-Hua)	可解釋人工智慧框架於癌症預後生物標誌及精準醫療之新穎運用(A Novel Explainable AI-Based Framework for Cancer Prognostic Biomarkers Discovery and Precision Medicine)
2024	碩士 Master	1122	何璟汝(He, Jing-Ru)	黃彥華老師(Dr. Huang, Yen-Hua) / 梁恭豪老師(Dr. Liang, Kung-Hao)	基於自監督式預訓練的深度學習模型，分析超音波影像預測腎功能及預後(AI-based Renal Function Prediction from Ultrasound Images via Self-Supervised Pretraining)
2024	碩士 Master	1122	陳俊廷(Chen, Chun-Ting)	鍾翊方老師(Dr. Chung, I-Fang)	雙圖卷積網路結合PET影像於提升阿茲海默症之診斷(Dual Graph Convolutional Networks and PET Imaging for Enhancing Alzheimer's Disease Diagnosis)

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2024	碩士 Master	1131	廉茹茵(Lien, Ju-Yin)	王禹超老師(Dr. Wang, Yu-Chao)	藉由子宮頸抹片樣本探索卵巢癌甲基化生物標記(Exploring potential methylation markers for ovarian cancer by cervical scraping samples)
2024	碩士 Master	1131	王思騏(Wang, Ssu-Chi)	王禹超老師(Dr. Wang, Yu-Chao)	基於次世代定序資料的同源重組修復缺失研究(Investigation of homologous recombination deficiency (HRD) based on next-generation sequencing data)
2024	碩士 Master	1131	許魯安(Hii, Lu Ann)	王禹超老師(Dr. Wang, Yu-Chao)	探討癌症中內生性連續變異的基因體景觀(Investigation of the genomic landscape of internal tandem duplication (ITD) in tumors)
2025	碩士 Master	1131	梁凱舜(Liang, Kai-Shun)	吳俊穎老師(Dr. Wu, Chun-Ying)	消化道的微菌叢菌相及代謝功能之分析(Gut microbiota characteristics and metabolic functions along gastrointestinal tract)
2025	碩士 Master	1131	林均沛(Lin, Chun-Pei)	陳卓逸老師(Dr. Chen, Cho-Yi)	探討大腸直腸癌患者之全外顯子定序突變特徵與其臨床特徵之關聯性(Exploring the Association between Mutational Signatures from Whole Exome Sequencing and Clinical Traits in Colorectal Cancer)
2025	碩士 Master	1131	李哲源(Li, Zhe-Yuan)	林振慶老師(Dr. Lin, Chen-Ching)	單細胞定序的精確分群之標記基因識別演算法(Marker gene identification algorithm of precision clustering for single cell sequencing)

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2025	碩士 Master	1132	蔡宏陽(Cai, Hong-Yang)	洪哲倫老師(Dr. Hung, Che-Lun)	聯邦學習中基於異質模型和知識蒸餾的非獨立同分布數據增強方法(Enhancing Non-IID Data in Federated Learning Using Heterogeneous Model and Knowledge Distillation)
2025	碩士 Master	1132	劉禹丞(Liu, Yu-Cheng)	張博論老師(Dr. Chang, Po-Lun)	基於影像識別的簡化老年人日常健康監測：從收案到自動化記錄(Simplified Daily Health Monitoring for Older Adults Using Image Recognition: From Enrollment to Automated Recording)
2025	碩士 Master	1132	陳霽芯(Chen, Pei-Hsin)	巫坤品老師(Dr. Wu, Kun-Pin)	基於血液蛋白質體學的肺癌早期診斷預測模型研究(Predictive Modeling for Early-Stage Lung Cancer Diagnosis Based on Blood Proteomics)
2025	碩士 Master	1132	許羽婷(Hsu, Yu-Ting)	林振慶老師(Dr. Lin, Chen-Ching)	應用深度學習於癌症預後之精準網路醫療架構(A Deep Learning Framework for Precision Network Medicine in Cancer Prognosis)
2025	碩士 Master	1132	范宇心(Fan, Yu-Hsin)	陳卓逸老師(Dr. Chen, Cho-Yi)	大腸直腸癌蛋白質體特徵及功能路徑之鑑別與分析(Proteomic Profiling and Identification of Functional Pathways in Colorectal Cancer)
2025	碩士 Master	1132	李瑋婷(Lee, Wei-Ting)	張博論老師(Dr. Chang, Po-Lun)	儀表板技術在長照服務之應用-以榮民獨老服務為例(The Use of Dashboard in Long-Term Care Services for Single-Living Veterans)
2025	碩士 Master	1132	阮亮學(Juan, Liang-Hsueh)	王禹超老師(Dr. Wang, Yu-Chao)	內生性連續複製變異之泛癌分析揭露重複性變異(Pan-cancer profiling of internal tandem duplications reveals recurrent events)

2025	碩士 Master	1132	張書齊(Chang, Su-Chi)	陳卓逸老師(Dr. Chen, Cho-Yi)	中央杏仁核中與疼痛相關記憶細胞之轉錄組特徵分析(Transcriptomic Profiling of Pain-Associated Engram Cells in Central Amygdala)
2025	碩士 Master	1132	黃文譽(Huang, Wen-Yu)	黃宣誠老師(Dr. Huang, Hsuan-Cheng)	運用病患組織單細胞RNA定序數據預測有效的抗癌藥物組合(Predicting Effective Anti-Cancer Drug Combinations Using Patient-Derived Single-Cell RNA-Sequencing Data)
2025	碩士 Master	1132	李杰祐(Li, Chieh-Yu)	鍾翊方老師(Dr. Chung, I-Fang)	引入多重半監督式學習策略於腎臟病理影像切割(Introduce multiple semi-supervised learning strategies to renal pathology image segmentation)
2025	碩士 Master	1132	金宣妘(Chin, Hsuan-Yun)	洪哲倫老師(Dr. Hung, Che-Lun)	基於深度學習的踝關節骨折X光影像識別—針對雙踝骨折與三踝骨折(Deep Learning for Ankle Fracture Identification on X-ray Images: Focus on Bimalleolar and Trimalleolar Fractures)
2025	碩士 Master	1132	李庭怡(Li, Ting-Yi)	張博論老師(Dr. Chang, Po-Lun)	事件與標籤驅動之照護紀錄整合與溝通協作機制設計：以全人照護為例(Design of an Event-and Tag-Driven Mechanism for Integrated Care Record Management and Communication Collaboration: A Person-Centered Approach)
2025	碩士 Master	1132	王家修(Wang, Chia-Hsiu)	洪哲倫老師(Dr. Hung, Che-Lun)	使用心臟彩色都卜勒超音波影像的深度學習心臟病診斷方法(Deep Learning Approach for Diagnosing Heart Disease Using Cardiac Color Doppler Ultrasound)
2025	碩士 Master	1132	謝冠儀(Hsieh, Kuan-Yi)	黃宣誠老師(Dr. Huang, Hsuan-Cheng)	模擬單細胞動態擾動以預測發育軌跡(Modeling Cell-Specific Kinetic Perturbations for Determining Developmental Trajectories)
2025	碩士 Master	1132	江珮綺(Chiang, Pei-Chi)	張博論老師(Dr. Chang, Po-Lun)	長照資源片斷化改善之雛形設計(The Prototype Design of Information Fragmentation in Long-Term Care)
2025	碩士 Master	1132	陳映沂(Chen,Ying-I)	王禹超老師(Dr. Wang, Yu-Chao)	整合式基因體模型預測頭頸部鱗狀細胞癌同步化學放射治療後之復發(Integrative genomic models for predicting recurrence after concurrent chemoradiotherapy in head and neck squamous cell carcinoma)
2025	碩士 Master	1132	楊嘉翔(Yang, Chia-Hsiang)	黃彥華老師(Dr. Huang, Yen-Hua) / 梁恭豪老師(Dr. Liang, Kung-Hao)	融合超音波影像與臨床資料之多模態腎病預測模型：以提升影像自主預測能力為目標(A Multimodal Kidney Failure Prediction Model Integrating Ultrasound Imaging and Clinical Data: Toward Enhancing Image-Driven Predictive Capability)
2025	碩士 Master	1132	許煒淇(Hsu, Wei-Chi)	洪哲倫老師(Dr. Hung, Che-Lun)	基於生成式人工智慧之肝臟腫瘤電腦斷層掃描影像報告自動生成方法(Method for Automatic Generation of Liver Tumor CT Scan Reports Based on Generative Artificial Intelligence)
2025	碩士 Master	1132	薛竹珺(Hsueh, Chu-Chun)	吳俊穎老師(Dr. Wu, Chun-Ying)	肝纖維化指標 (FIB-4)與酒精相關性肝病患者罹患肝癌之風險有關(FIB-4 associated with risk of hepatocellular carcinoma in patients with alcohol-related liver diseases)
2025	碩士 Master	1132	李柏勳(Li, Po-Hsun)	黃彥華老師(Dr. Huang, Yen-Hua)	融合多尺度切片與多分支編碼架構以強化大型病理影像基礎模型於生存與突變預測任務之表現(Enhancing Foundation Models for Histopathology via Multi-Scale Tile Assembly and Multi-Branch Encoders for Survival and Mutation Prediction)
2025	碩士 Master	1132	梁維真(Liang, Wei-Chen)	巫坤品老師(Dr. Wu, Kun-Pin)	機械通氣患者的ARDS預測：機械功率在ARDS風險中的作用(Predicting ARDS in Mechanically Ventilated Patients: The Role of Mechanical Power in ARDS Risk)
2025	碩士 Master	1132	邱鈺凱(Chiu, Yu-Kai)	鍾翊方老師(Dr. Chung, I-Fang)	使用統一注意力框架整合藥物亞結構與基因組特徵於癌症藥物反應預測(Unified Attention Framework for Integrating Drug Substructures and Genomic Features in Cancer Drug Response Prediction)
2025	碩士 Master	1132	劉昱辰(Liu, Yu-Chen)	林振慶老師(Dr. Lin, Chen-Ching)	BacNex: 全面的微生物研究分析流程(BacNex: A comprehensive analysis pipeline for microbiome research)

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2025	碩士 Master	1141	劉定洋(Ding Yang Liu)	王禹超老師(Dr. Wang, Yu-Chao)	肺腺鱗狀細胞癌的基因體景觀：與肺腺癌及鱗狀細胞癌的比較分析(Genomic landscape of lung adenosquamous carcinoma: A comparative analysis with lung adenocarcinoma and squamous cell carcinoma)
2025	碩士 Master	1141	賴彥名(Lai, Yen-Ming)	鍾翊方老師(Dr. Chung, I-Fang)	基於雙側眼底成像與深度學習基礎模型的糖尿病患者存活預測(Predicting Diabetic Patient Survival using Bilateral Fundus Imaging and Deep Learning Foundation Models)