

2021-2022 academic year Student Outcomes

	Student	Professor	Subject
1	Cheng-Yang Tsai, Hong-Lin Cheng	Ji-Yuan Liang, Ph.D.	Effect of methionic acid on light reaction of Flavin mononucleotide
2	Jo-Chu Chen, Ching-Fang Lee, Wen-Ting Ye, Cheng-Da Xie	Ji-Yuan Liang, Ph.D.	Effects of Luminol Luminescence Reaction on Flavin Mononucleotides
3	Chih-Ming Liang	Ji-Yuan Liang, Ph.D.	Enterprise Internship in the Department of Biotechnology of Mingchuan University-OPEN STONE Technology Production Department
4	Xin-Yu Lee	Ji-Yuan Liang, Ph.D.	Enterprise Internship in the Department of Biotechnology of Mingchuan University-OPEN STONE Technology Production Department
5	Hsing-Ju kuo	Ji-Yuan Liang, Ph.D.	Enterprise Internship in the Department of Biotechnology of Mingchuan University-OPEN STONE Technology Production Department Phylogeny Tree
6	Yan-Ni Lee, Chi-Ju Yao	Shwu-Fen Pan, Ph.D.	Subcloning and activity analysis of extracellular protease gene of <i>Pseudomonas aeruginosa</i>
7	Liang-Yu Hou, Min-Hsuan Tsai	Shwu-Fen Pan, Ph.D.	To explore the effect of low-level laser therapy on the proliferation of HeLa cells
8	Yi Hao Huang, Sheng Yu Lin, Yang Zhi Hsu, Yu Kai Liu, Zhong You Ye	Shwu-Fen Pan, Ph.D.	Study of the cleaning and antibacterial ability of <i>Saponaria officinalis</i>
9	Hsiao Yu	Liang-Yu Chen, Ph.D.	Mass Spectrometric Analysis of Volatile Aroma Components in Tea

10	Bo-Yu Zeng	Liang-Yu Chen, Ph.D.	Using Quantitative Approach to Explore the Flavor Differences of Teas with Sensory Evaluation
11	Yu-Min Lin	Yu-Chung Chang, Ph.D.	Exploring the function of the N-terminal domain of Salmonella type III secretion system protein SpvB
12	Ying-Jhen Ding	Yu-Chung Chang, Ph.D./Hui-Chung Wu, Ph.D.	Using TTSS structural protein PrgI as a vaccine carrier platform to express PDCoV-N protein
13	Pao-Yueh Chang	Yu-Chung Chang, Ph.D.	Development of a subunit vaccine containing Salmonella fimbrial adhesin protein BcfD
14	Wei-Hsuan Huang	Yu-Chung Chang, Ph.D.	Exploring the Function of the Chaperon-Usher Fimbria Bcf Adhesin of Salmonella Typhimurium
15	Bo-Yuan Chen	Yu-Chung Chang, Ph.D.	The effect of Salmonella CU fimbriae chaperone protein BcfG on fimbriae assembly
16	Meng-An Hsiao	Yu-Chung Chang, Ph.D.	Exploring the Function of Porcine Deltacoronavirus Nonstructural Protein 6
17	Hua-Jing Tseng	Shu-Ling Chen, Ph.D.	The effect of anthocyanins on the human body
18	Zi-Jie Lee	Jeu-Ming P. Yuann, Ph.D.	Enterprise Internship in the Department of Biotechnology of Mingchuan University- GPAPE KING BIO Ltd.
19	Shi-Xian Yang, Jun Liu	Chi-Ming Chiu, Ph.D.	Evaluation of antioxidant and apoptosis gene induced by UV irradiated in both HeLa and 293T cell lines
20	Li-Chin Tseng, Chih-Ying Liu, Pin-Xiu Zhuo	Chi-Ming Chiu, Ph.D.	Efficacy analysis of traditional medicinal herbs in the modulation of fatty acid cell accumulation in liver HepG2 cell line
21	Yi-Shan Chiu, Hsin-Yu Liu, Chin-Shun Cheng, Yen-Chen Pan	Chi-Ming Chiu, Ph.D.	Evaluation of fish eye scleral thickness measurements via physically or chemically induced myopia treatments in zebrafish
22	Yu-Hsuan Tung, Tzu-Chuan Hsiao	Yi-Sheng Chen, Ph.D.	Screening for the bacteriocin-producing lactic acid bacteria from the <i>Eleutheronema rhadinum</i>

23	Yun-Hsuan Chien, Yu-Chi Liu	Yi-Sheng Chen, Ph.D.	Purification and identification of bacteriocin produced by lactic acid bacteria isolated from Mentha
24	Yi Chen Chiu, Chi Hua Huang, Pin Hui Chiang	Yi-Sheng Chen, Ph.D.	Isolation and identification of the emblem of oocyst cancer tissue
25	Shih Han Tang, Shu Ting Tsai	Yi-Sheng Chen, Ph.D.	Antibacterial activity of bacteriocins against a variety of clinical pathogenic bacteria
26	Jhu-Ci Huang, Pei-Ju Jao, Wen- Chung Sung, Hui- Jie Luo	Chung-Ming Lin, Ph.D.	The Effect of Clinacanthus nutans Methanol Extract and Water Extract on WiDr Colorectal Cancer Cells
27	Yi-Cheng Chan, Cheng-Yu Yu	Chung-Ming Lin, Ph.D.	The effect of Clinacanthus nutans methanol and water extracts on HeLa cervical cancer cells
28	Yu-Yu Lin, Tzu- Chieh Chen, Chia- Yin Yeh	Chung-Ming Lin, Ph.D.	Anti-cancer Mechanism of Curcumin on HT-1080 Fibrosarcoma Cells
29	Yu-Ru Zhang, Ting-Yu Kang	Han-Tso Lin, Ph.D.	The early warning system of the outbreak of root rot diseases in aquaponics system
30	Shao-Wei Huang, Chen-Wei Chiu, Jhih-Fong Jhang	Chih-Ming Chiang, Ph.D.	Antioxidative activity and application analysis of saponaria officinails
31	Yen-Tso Liu, Shuo-Yan Zhou, Wen-Han Zhang	Chih-Ming Chiang, Ph.D.	Antioxidative properties and application analysis of Nepeta cataria
32	Min-Hsuan Wu, Yun-Teng Tsai	Chih-Ming Chiang, Ph.D.	Analysis and application of useful components of Tropaeolum majus
33	Yu-Chieh Hung	Chih-Ming Chiang, Ph.D.	signal transmission pathway of Gynura divaricate subsp in inhibiting the growth of cancer cells
34	Wei-Cheng Liao	Chih-Ming Chiang, Ph.D.	Anti-cancer effect analysis using extraction of Gynura divaricata subsp. Formosana

35	Mao-Cheng Wang, Yi-Rui Lin, Tzu-Yu Chen	Chih-Ming Chiang, Ph.D.	Antioxidant Analysis of Beer Components
36	Yun-Hsuan Huang, Pei-Yu Heng	Chih-Ming Chiang, Ph.D.	Supercritical Fluid Extraction and Analysis of Functional Components of <i>Armillaria mellea</i>
37	Jie-Fang Cheng, Yan-Wen Zhan	Chih-Ming Chiang, Ph.D.	Determination of Polyphenols and DPPH in Green tea and <i>Mentha</i>
38	Yun-Tung Chiu	Chih-Ming Chiang, Ph.D.	Effects of blue light irradiation on solid-state culture products and antioxidant activity of <i>Armillaria mellea</i>