

2020-2021 academic year Student Outcomes

	Student	Professor	Subject
1	Ming-Chun Hsu, Shang-Ci Ye, Hsiu-Han Ni, Yi-an Lai	Ji-Yuan Liang, Ph.D.	The Photolysis of Riboflavin
2	Tang-Yu Chen, Yuan-Tai Zheng, Yuan-Chia Chu, Kun-Yao Liao	Ji-Yuan Liang, Ph.D.	Study on the photodegradation of oxytetracycline
3	Henry Zhan-Young Lee	Yun-Shien Lee, Ph.D.	Phylogenetic analysis base on the nearby amino acid atom pair pattern of the three dimensional protein structure
4	Chia-Chun Chiang, Kai-YI Wu, Wen-Ching Cheng	Yun-Shien Lee, Ph.D.	Used sanger sequencing to fill the gaps of bacterial genome mapped from next genome sequencing
5	Hsiang-Chih Hsu, Hung-Ta Lin, Chao-En Ho, Rui-Qi Liu	Yun-Shien Lee, Ph.D.	Development of a MATLAB Program to Analyze Taxonomy and Phylogeny Tree
6	Kuan-Hao Tsai, Chi-Wen Chen, Kang-Yu Ye	Shwu-Fen Pan, Ph.D.	Low-level laser therapy and cell proliferation: The role of p38 MAPK transduction pathway
7	Chi-Wen Chen	Shwu-Fen Pan, Ph.D.	Grape King Biotechnology Internship Report
8	Kang-Yu Ye	Shwu-Fen Pan, Ph.D.	Far Eastern Memorial Hospital Summer Internship Report
9	Jia-Jing Lin, Ning-Xin Wu, Xue-Hong Zhang, Yue-Ru Chuo	Shwu-Fen Pan, Ph.D.	The effect of low-level laser therapy on the genes expression in Hela cells
10	Chi-Chun Wu	Yu-Chung Chang, Ph.D.	Development of Recombinant Vaccine Expressing Chaperone-Usher Fimbria Sti for Preventing Salmonella Choleraesuis Infection
11	Xie-Ting Lee	Yu-Chung Chang, Ph.D.	Improving the Expression of Chaperone-Usher Fimbria Proteins Sti in E. coli to Develop Recombinant Vaccine for Salmonella Enteritidis

12	Wei-En Hsu	Yu-Chung Chang, Ph.D.	Molecular Cloning and Protein Expression of the Fimbriae Gene fimFHI & sthA from the Salmonella Choleraesuis
13	Wei-Ru Huang	Yu-Chung Chang, Ph.D.	Comparison of Using Swine Norovirus Capsid Protein VP1P and VP1S as Antigens for Serological Antibody Detection
14	Yi-Bei Tsai	Yu-Chung Chang, Ph.D.	Molecular Cloning, Protein Expression and Functional Characterization of the Nonstructural Protein NS7 and NS7a of Porcine Deltacoronavirus
15	Yi-zi Pan	Yu-Chung Chang, Ph.D.	Molecular Cloning and Protein Expression of lpfD Gene of Salmonella Choleraesuis
16	Zih-Wei Liao, Yong-Chi Yang, Chu-Yun Deng	Shu-Ling Chen, Ph.D.	To separate and quantify the content of Chlorella Pigments
17	Jing-Ya Sun	Shu-Ling Chen, Ph.D.	Food microbiological inspection
18	Yun-Wei Chen	Shu-Ling Chen, Ph.D.	Identification of the phylogeny of Chlorella
19	Zhi-Han Zheng	Hui-Chung Wu, Ph.D.	Chili Balm Making
20	Ting-Wei Liou, Yu-Jieh Hu, Zi-Mu Chen	Hui-Chung Wu, Ph.D/ Gaus, Shang	The preliminary study of the seat patch hydration behavior in two types of toads in Taiwan
21	Pei-Ying Li, Ya-Shuan Lee	Jeu-Ming P. Yuann, Ph.D.	The Effect of Aluminum Ion on the Photosensitivity of Deoxyribose by Riboflavin
22	Yu-Chen Fung	Chi-Ming Chiu, Ph.D.	Far Eastern Memorial Hospital Summer Internship Report
23	Pei-Jung Lee	Chi-Ming Chiu, Ph.D.	Far Eastern Memorial Hospital Summer Internship Report
24	Yu-Chen Fung, Ching-Yi Chen, Chai-Hsuan Wu, Pei-Jung Lee	Chi-Ming Chiu, Ph.D.	Study of microenvironment from the metabolic circadian rhythm synchronized -hepatoma cells HepG2 under oxidative stress in the regulation of immune cells response

25	Wen-Ching Li, An-Chi Lu, Wen-Chi Lin	Chi-Ming Chiu, Ph.D.	Construction of one screening model for the regulation of immune response by crude extracts from anti-inflammatory herbs
26	Yu-Hen Huang, Pei-Ling Lai, Kuo- Yan Jhen	Chi-Ming Chiu, Ph.D.	Effect of novel deacetylated chitin on phosphate in urine and feces of mice
27	Yi-Wen Qiu, Yu-Ting Peng	Yi-Sheng Chen, Ph.D.	Isolation and characterization of lactic acid bacteria from <i>Meretrix luso</i>
28	Hsiang-Ling Lin, Ya- Chin Huang	Yi-Sheng Chen, Ph.D.	Isolation and application of yeast from various fruits in Taiwan
29	Yu-Jie Dai, Wei-Qi Liao, Fan-Ching Kao	Yi-Sheng Chen, Ph.D.	Isolation and characterization of bacteria from diabetic foot ulcer and preeclampsia
30	Yu-Jie Dai	Yi-Sheng Chen, Ph.D.	Taoyuan Hospital of the Ministry of Health and Welfare Internship report
31	Chi-Kai Chang, Chen-Wei Chang, Bo-Kai Chang, Yu-Jyun Hsieh	Yi-Sheng Chen, Ph.D.	Purification and Identification of the Bacteriocin from <i>Leuconostoc pseudomesenteroides</i> W7
32	Siao-Ni Ye, Yi-Chen Chiang	Chung-Ming Lin, Ph.D.	The effect of the methanol extract of <i>Clinacanthus nutans</i> on the Wnt/ beta catenin signaling pathway in HeLa cells
33	Wen-Chung Lee, Yi Ren	Chung-Ming Lin, Ph.D.	The Effect of Curcumin on Fibrosarcoma Cancer cells
34	Ya-Ching Yen, Jia-Min Gu, Zhi-Ruo Yang	Chung-Ming Lin, Ph.D.	The Effect of <i>Clinacanthus nutans</i> Methanol Extract on HepG2 Cells
35	Yu-Xuan Wang	Chung-Ming Lin, Ph.D.	Taoyuan General Hospital, Ministry of Health and Welfare Internship Report
36	Pang-Yu Kang, Chin-Hsiang Huang, Yu-Yu Chen	Han-Tso Lin, Ph.D.	A Study on the High Total Plate Count in Aquaponic System is Effectively Controlled by Hypochlorous Acid
37	Po-Han Lin, Ming-Han Zeng	Han-Tso Lin, Ph.D.	Using zebrafish model to test the safety assessment of longterm consumption of chitin products

38	Zi-Mu Chen	Han-Tso Lin, Ph.D.	Exploring the Feasibility of Establishing an Animal Model of Zebrafish with Myopia
39	Deng-Yu Huang, Chung-Han Wu, Fan-Chieh Cheng	Chih-Ming Chiang, Ph.D.	Analysis of salt tolerance in GNA (Galanthus nivalis lectin) 4-based transgenic plants
40	Wan-Yu Liao	Chih-Ming Chiang, Ph.D.	Hydroponic Vegetable Cultivation, Care, Research
41	Hong-Sin Chang	Chih-Ming Chiang, Ph.D.	Hydroponic Vegetable Cultivation system application
42	Tai-Lin Li, Wen-Song Zeng	Chih-Ming Chiang, Ph.D/ Shwu-Fen Pan, Ph.D.	Anti-cancer effect analysis using extraction of Gynura divaricata subsp. Formosana
43	Kai -Wen Tien, Yun-Ting Huang	Chien-Wei Cheng, Ph.D.	Method for extracting components of Antrodia cinnamomea in liquid culture
44	Pei-Chi Liao	Chien-Wei Cheng, Ph.D.	The influence of pH on the medium of Armillaria mellea
45	Ping Li	Chien-Wei Cheng, Ph.D.	Effect of citrus peel addition on Armillaria mellea growth
46	Cai-cing Shiu, Man-jia Hong	Chien-Wei Cheng, Ph.D.	Sensory Analysis and Development of Mulberry Wine Flavor Wheel
47	Kuan-Chieh Lin	Chien-Wei Cheng, Ph.D.	Polyphenol for the wine