

## 2017-2018 academic year Student Outcomes

	Student	Professor	Subject
1	Kuan-Yu Lin Guan-Yu Zhu Hsiu-Hua Huang Guan-Syuan Cheng	Ji-Yuan Liang, Ph.D.	Antioxidant Activity and Composition Analysis of Three Kinds of Hops Brewing Beer
2	Min-Yuan Tan Jia-Rong Zhang Jia-Hong Zhang Ming-he Shen Yu-Ying Lin Xian-Li Qiu	Ji-Yuan Liang, Ph.D.	Application of FMN Photochemistry -Effect of Malachite Green's Degradation and Sterilization
3	Wei-Te Chen Hui-Hsiang Yu	Ji-Yuan Liang, Ph.D.	Roasted coffee relation to antioxidant
4	Jhen De She	Ji-Yuan Liang, Ph.D.	Effects of blue or violet light on the inactivation of <i>E.coli</i> by gallic acid photolysis
5	Jing-Yi Lin	Ji-Yuan Liang, Ph.D.	Disease detection and Diet control in children
6	Tsung-Hsun Cho	Ji-Yuan Liang, Ph.D.	B2 Photochemical Applications- Methylene Blue Degradation and Bactericidal Effects
7	Dong-You Hong Yu-Chieh Yang Jiunn-Haur Hsieh	Yun-Shien Lee, Ph.D.	Correlation analysis of human linkage missense SNP pairs in protein 3D structure
8	Ming-Feng Wu Ming-Jui Yang	Yun-Shien Lee, Ph.D.	Near amino acids pairs in 3D structure of protein database with a specific combination
9	Yi-Ting Yang Ruo-Xuan Hung Neng-Wei Tsai Hui-Xuan Zhang	Shwu-Fen Pan, Ph.D.	A discussion about Low-level laser therapy promote Hela cell proliferation and growth
10	Ping-Hsun Hsieh Chia-En Lin Ying-Jung Chen Yi-Ting Wu	Shwu-Fen Pan, Ph.D.	Qualitative analysis of novel secreted protease from <i>Pseudomonas aeruginosa</i>
11	Pei-Hung Huang	Liang-Yu Chen	Temperature Effect on Planar Angles of <i>trans</i> -Resveratrol with Molecular Dynamic Computation

12	Kong Yuk Ling	Yu-Chung Chang, Ph.D.	Cloning, Expression and Protein Characterization of PEDV Envelope Protein
13	Tsui-Yi Chan	Yu-Chung Chang, Ph.D.	Molecular cloning and protein expression of Salmonella TTSS genes sipD and spa0 from Salmonella Choleraesuis
14	Tzu-Ying Lee	Yu-Chung Chang, Ph.D.	Molecular Cloning of Salmonella TTSS Gene <i>spvA</i>
15	Chi-hsun Liao	Yu-Chung Chang, Ph.D.	Using Salmonella Typhimurium TTSS gene <i>prgI</i> to develop a novel vaccine platform
16	Hui-Chun Liang	Yu-Chung Chang, Ph.D.	Molecular Cloning of <i>Salmonella</i> TTSS Gene <i>sicA</i>
17	Weng-I Lam	Yu-Chung Chang, Ph.D.	Molecular Cloning of Gene <i>spvD</i> of Salmonella Typhimurium and Characterization of Its Self-Interaction
18	Lee, Chia-I	Yu-Chung Chang, Ph.D.	Molecular cloning and protein expression of <i>sipA</i> gene from <i>Salmonella</i> Typhi
19	Yue-Hsun Chang	Yu-Chung Chang, Ph.D.	Characterization of the Function of the N-terminal Domain of the TTSS Gene SpvB
20	Shin-Bei Weng	Yu-Chung Chang, Ph.D.	Cloning and Expression of BcfF on Swine Noroviral P Particle to Make a <i>Salmonella</i> Vaccine
21	I-Hsuan, Du	Yu-Chung Chang, Ph.D.	Molecular cloning and protein expression of <i>Salmonella</i> Fimbrial protein BcfE
22	Chung-Kuang Chen Ya-Ju Chang Jia-Yu Tang	Shu-Ling Chen, Ph.D.	Study of antioxidant system in <i>Chlorella sp.</i>
23	Shih-Cheng Ching Erh-Kao Song Tzu-Hsiang Liu Cheng-Ju Chou	Hui Chung Wu, Ph.D. Gaus Shang	Ecological Investigation of Shiyun Forest Trail
24	Huang-Po Han Kuo-Yu Chien	Hui Chung Wu, Ph.D. Gaus Shang	Ecological Survey of Taitung Forest Park

25	Ming-You Xu	Hui Chung Wu, Ph.D. Gaus Shang	Taoyuan Dagong Mountain Ecological Survey
26	Chia-Hua Ho Sheng-Yuan Hou Yu-Ting Fu	Chi-Ming Chiu, Ph.D.	The study on the inflammatory inhibition of RAW264.7 monocytic cells by the treatment of several traditional herb extracts
27	Jia-Jyun Li Fang-Chen Jiang	Chi-Ming Chiu, Ph.D.	Effect of Several Medicinal Herbs on lipogenesis of HepG2 Cells
28	Chun-Hao Chang	Chi-Ming Chiu, Ph.D.	Study of selected miRNA profile in oral cancer cells upon DNA damage
29	Lin,Shu-Yi Chien,Wei-Fang	Chi-Ming Chiu, Ph.D.	Characterization of one potential bio- signature in ovary cancer
30	Hsiao-Chu Kao Pei-Jung Chung	Chi-Ming Chiu, Ph.D.	Functional analysis of FK866 dependent effect on the adipogenesis of HepG2 cells
31	Nien-Tzu Chang	Chi-Ming Chiu, Ph.D.	Raw material purification and extraction
32	I-Hsin Weng Ting-Ya Chang	Yi-Sheng Chen, Ph.D.	Purification and Characterization of the Bacteriocin Produced by <i>Enterococcus faecium</i> C111104
33	Cheng-Yu Kuo Yu-Wei Chen Sin Ho	Yi-Sheng Chen, Ph.D.	Leucocin C-607, a novel class IIa bacteriocin produced by <i>Leuconostoc pseudomesenteroides</i> 607
34	Ge-Man Chang Wei-Ting Tsai Hsin-Pei Chiang	Yi-Sheng Chen, Ph.D.	Application of new lactic acid bacteria species in frozen yogurt
35	Yu-Jou Liao Yi-Shan Lan	Yi-Sheng Chen, Ph.D.	Isolation and characterization of lactic acid bacteria from banana, a local fermented fruit in Taiwan
36	Ming-Ming Chen Kai- Hsin Sung	Chung-Ming Lin, Ph.D.	The Therapeutic Effects of Drug A on Colorectal Cancer
37	Yi-Dun Shen Peng-Yu Chen Ting-Chih Chou Chio I Mei	Chung-Ming Lin, Ph.D. Yu-Chung Chang, Ph.D.	Cloning and Expression of human $\alpha$ - Synuclein
38	Tzu-Ping Chen Lok-Yan Hung	Chung-Ming Lin, Ph.D.	human Alpha-synuclein Expression in Mammalian Cells
39	Kuei-Jen Sun	Chung-Ming Lin, Ph.D.	Practice in Far Eastern Memorial Hospital

40	Zhi-Wei Luo Wei-Lin Wu Hang-Chi Chen	Han-Tso Lin, Ph.D.	CASE REPORT:Using mebendazole and Formalin to treatlarva of <i>Anguilla rostrata</i> that had be infect by <i>Dactylogyrus spp.</i> and <i>Anguillicola spp.</i>
41	Zi-Rong Ye Yen-Chen Lai	Han-Tso Lin, Ph.D.	Feasibility Study on Optimization of Beer Brewing Efficiency by Arduino Single Chip System Control System
42	Huang-Zih Cing Cian-Ho Chen	Han-Tso Lin, Ph.D.	The Possibility Research of Batch Production for <i>Caridina Multidentata</i>
43	Che-Hao Hsu Wei-Chun Hsieh Che-Yi Lin Wei-Chih Liu	Zhi-Ming Jiang, Ph.D.	Functional Analysis Arabidopsis thaliana that has been transformed with Lactobacillus bacteriocin SE-K4
44	Shou-Cheng Zheng Yi-Ting Tsai Chao-Chuan Chung Sheng-Wen Chen	Zhi-Ming Jiang, Ph.D.	Hydrofoil cultivation of Fukuyama lettuce observation and related testing
45	Kun-Da Ji Bo-Kuan Wu Ming-Yang Ling En-Hsu Jui	Zhi-Ming Jiang, Ph.D.	Home-style fish and vegetable symbiosis system erection and thread
46	Hao-Hsiang Chan	Zhi-Ming Jiang, Ph.D.	The analysis of antioxidant activity of <i>Hygrophilia pogonocalyx</i> Hayata
47	Wei-Zhi Liu	Zhi-Ming Jiang, Ph.D.	Enterprise internship of Shin Era Technology Co., Ltd
48	Sze-Yu Wu	Zhi-Ming Jiang, Ph.D.	Disease detection and diet control in children
49	Huai-Wen Liu	Zhi-Ming Jiang, Ph.D.	<i>Hirsutella sinensis</i> Training experiment and chemical analysis
50	Yu-Lu Chen Yi-Ching Lin	Chien-Wei Cheng, Ph.D.	Antioxidant Activity and Component Analysis of <i>Citrus maxima</i>
51	Che-Yung Yang	Chien-Wei Cheng, Ph.D.	Process and Antioxidant Analysis of Indian Pale Ale
52	Chia-Shen Liang Zi-Lin Yu	Chien-Wei Cheng, Ph.D.	Antioxidant Activity and Component Analysis of Dry Peel