

生化及生醫工程			
優勝			
報告編號	作者	單位	論文題目
BB025	Chao-Chen Kuo (郭朝琛), Po-Hung Wu (吳柏宏), and Chih-Chen Hsieh (謝之真)*	臺灣大學	Brownian Dynamics Simulation of DNA Separation in Microchannel with Sparse Post Arrays
BB080	Po-Ting Wu, Yu-Wei Tai, Yi-Chun Chiu, Jiashing Yu, Yu-Cheng Chin, Shu-Pao Wu, Yu-Chun Chuang, Ho-Chen Hsieh, Ping-Shan Lai, Hsiu-Ping Yu, and Mei-Yi Liao	台灣大學	Degradable NIR-PTT Nanoagents with a Potential Cu@Cu ₂ O@Polymer Structure
BB013	I-Wei Chen (陳奕瑋)	清華大學	Development of Microfluidic-Based Valve Controlling Platform for Continuous Protein Purification
BB048	Wei-Lun Huang(黃偉倫)*, Ting-Yeh Chen(陳亭曄), Akon Higuchi(樋口亞紺)	中央大學	Establishment of Patient-Specific Cancer Cell Lines from Colon Cancer Tissues by Membrane Filtration Method via Nylon Mesh Filter and PLGA-Silk Screen Membranes
BB062	Yi-Chang Chung(鍾宜璋)*, Yi-Wen Wang(王意雯), Zi-Yuan Su(蘇資淵)	高雄大學	Research of amine sensitive colorimetry material and its application

BB031	Shun-Hao Chuang(莊舜皓), Abegaz Tizazu Andrgie, Wei-Hsin Hsu(徐維新), Shewaye Lakew Mekuria, Kefyalew Dagneu Addisu, Balkew Zewge Hailemeskel, Hsieh-Chih Tsai(蔡協致)*	臺灣科大	Thermoresponsive PCLA-PEG-PCLA Hydrogels carry non-Anticoagulant Heparin for anti-metastasis in surgical resection
佳作			
報告編號	作者	單位	論文題目
BB016	Yang-Bao Miao (繆養寶), Wen-Yu Pan (潘文予), Po-Yen Lin (林柏諺), Kuan-Hung Chen (陳冠宏), You-Syun Chen (陳宥勳), Tsai Hsiu Wen (蔡琇雯), Hsing-Wen Sung (宋信文) ×	清華大學	An M-Cell Targeting Yeast Capsule Loaded with Biomimetic Mineralization Nano Popcorn-Shaped OVA@Al-MOF to Overcome Multiple Barriers of Intestinal Epithelium for Oral Vaccination
BB022	Ching-Cheng Tsai(蔡景丞), Yu-Jun Hong(洪語均), Jiasheng Yu(游佳欣)*	台灣大學	Enhancement of Human Adipose-Derived Stem Cell Spheroids Proliferation and Differentiation in the in situ Enzyme Crosslinked Gelatin Hydrogel
BB070	Yi-Ting Lai(賴宜廷), Chao-Ling Yao(姚少凌)*	元智大學	Development of a Serum-free Monocyte Induction Medium for immunotherapy

BB081	Yu-Hsuan Chang (張育瑄) , Meei-Ling Sheu (許美鈴), Tse-HaoKo (柯澤豪) *	逢甲大學	Performance of silver-containing activated carbon fiber inhibition tumor growth in gastric cancer
BB001	Guan-Fu Chen(陳冠甫), Jui-Che Lin(林睿哲)*	成功大學	Antibacterial adhesion and hemocompatibility evaluations on the hydrophilic polymer or/and zwitterionic compound grafted onto the polypropylene surface
BB005	Chun-Hui Li, Chao-Ling Yao,*	元智大學	Culture of endothelial progenitor cells on poly(glycerol sebacate) and Ectoine copolymer for blood vessel tissue engineering
BB010	Yin-Yin Yang(楊茵茵), Chia-Sui Chen(陳佳穗), Mei-Chin Chen(陳美瑾)*	成功大學	Feasibility of using Poly- γ -Glutamate Microneedles for Treatment of Atopic Dermatitis in Nc/Nga mice
BB047	Chin-Yi Cho(卓晉逸)*, Jen-Huang Huang(黃振煌)	清華大學	Formation of Hanging Drop Arrays Using Pressure-Assisted Network for Droplet Accumulation System (PANDAS)
BB049	Yu-Chun Lee(李雨駿)*, Nien-Ju Ku(古琰如), Akon Higuchi(樋口亞紺)	中央大學	A HYBRID-MEMBRANE MIGRATION METHOD TO ISOLATE HIGH-PURITY OF ADIPOSE-DERIVED STEM CELLS FROM FAT TISSUES THROUGH MEMBRANES COATED WITH EXTRACELLULAR MATRICES
BB055	Hsiu-Mei Chen (陳秀美), Yin-Te Lai	臺灣科大	Development of a real-time flow-injection photoelectric biosensor to sensitively detect microorganisms (II)

BB058	Jie-Ling Cao(曹婕鈴),Cheng-Wei Lin(林承衛), Tzu-Chin Chang(張慈芹), Shu-Ling Huang(黃淑玲)*	聯合大學	Study on the Efficacy of the Pracparatum Mungo by the Biotechnology Fermentation
BB066	Kuan-Lin Chen(陳冠霖) , Chi-Fong Lin (林其鋒), Wen-Yu Su (蘇文玉) and Yang Wei (魏暘)*	臺北科大	Structures Related Adsorption Behavior of Mussel Adhesive Protein (Mfp-5) on Different Biomaterial Surfaces
BB029	Yu-Cheng Liu (劉祐誠), Sheng-Jung Chen (陳聖融), Chih-Yun Wu (吳芷芸), Tzu-Yu Lin (林子榆), Yi Chao (趙貽) and Shen-Long Tsai (蔡伸隆)*	臺灣科大	Ammonia Recovery and Energy Production from TMAC Waste by a Membrane Bioreactor-Microbial Fuel Cell Coupling System
BB039	Chieh-Jung Lee(李杰容), Po-Hsiang Wang(王柏翔), Chih-Chen Hsieh(謝之真)*	台灣大學	Research of the Influence of Membrane Charge Density and Ionic Strength to DNA Diffusion on Supported Lipid Bilayers