

總整課程-專題研究(四)

時間	活動	項目說明
10:00 ~ 10:10	開幕	簡介活動、規則、老師發言
10:10 ~ 10:20	李王鈞	CFD based on CTA image for assisting the design of 3D printed AVG in an animal model 利用計算流體力學和實驗動物的CTA照影，協助設計實驗動物血管的AVG
10:20 ~ 10:30	陳靖博	Developing a photoactivatable RanGEF to study non-centrosomal microtubule nucleation 利用光激發的RanGEF研究非中心體微管聚核情形
10:30 ~ 10:40	張楷成	Exonuclease activity study and inhibitor discovery of APE1 APE1外切酶活性研究以及內、外切酶活性抑制劑的開發
10:40 ~ 10:50	黃浩璋	The metabolic effects of microRNA 200c deficiency in triple-negative breast cancer 三陰性乳癌中microRNA 200c缺失所引起的代謝改變的影響
10:50 ~ 11:00	Break	Tea break
11:00 ~ 11:10	陳芄安	Examine the regulating mechanism of MicroRNA-6236 in neuronal development. 藉由調控MicroRNA-6236影響神經細胞的生長
11:10 ~ 11:20	郭鎧璋	Study of redox activity of APE1 and Structure organizing of APE1 APE1的氧化還原相關機制套討與結構整理
11:20 ~ 11:30	何家慈	Discovering the ultimate limits of protein secondary structure prediction 蛋白質二級結構預測準確度之極限
11:30 ~ 11:40	陳芄慈	Cep170 localizes as non-centrosomal puncta along the neurite and neuron development Cep170之非中心體分佈及其對神經細胞發育之研究
11:40 ~ 11:50	蘇儀真	A novel strategy for plasmid optimization based on codon usage bias. 以密碼子偏好性的角度進行質體優化
11:50 ~ 12:00	黃芊慈	3D printing with nanoimprinted anisotropic topography using cross-linked alginate for cell regeneration 結合 3D 列印與奈米壓印技術開發可用於神經再生之細胞骨架
12:00 ~ 13:00	Lunch	午餐時間
13:00 ~ 13:10	張閔捷	The Sodium Salicylate Differentially Altered the FM Responses at the Auditory Midbrain and Cortex 探討水楊酸注射誘發耳鳴後聽覺中腦和皮質對於FM刺激的改變
13:10 ~ 13:20	洪季嬋	Biosynthesis of 5-aminolevulinic acid as photodynamic therapy drug using xylose 以木糖合成光動力療法藥物5-胺基乙醯丙酸之代謝工程研究
13:20 ~ 13:30	王艾瑞	AgriTalk: Transition from Academia to Industry
13:30 ~ 13:40	謝昆良	Zero-gravity 3D Printing 零重力式3D列印
13:40 ~ 13:50	吳采芬	Aminolevulinic acid production from glucose in Escherichia coli 大腸桿菌代謝葡萄糖生化合成氨基乙醯丙酸
13:50 ~ 14:10	閉幕	結語、建議、頒獎



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