



Taiwan-UK Collaborative Forum Systems Biology Symposium

臺英合作論壇-系統生物學研討會



活動日期：2011年11月28日至11月29日
臺灣大學圖書館國際會議廳(圖書館B1)

追求卓越，邁向世界頂尖，接續於邁向頂尖大學策略聯盟參訪英國大學後，經由國科會國際合作處與英國文化協會推動下，舉辦具前瞻性之臺英雙邊交流研討會，並以系統生物學為論壇主題。希望臺灣頂尖大學與英國大學雙方優秀的研究學者，開發雙邊研究契機，進而推展國際合作研究計畫。

2011年11月28日(一) 8:30~18:00

Session 1 Modulator: Chun-Che Chang (張俊哲)



Prof. Max Telford
University College
London

Keynote speaker	Max Telford University College London	Metazoan phylogenetics: two decades of progress and problems
Invited speakers	John Wang (王忠信) 中央研究院	The Genetic Architecture of a Fundamental Social Trait
	Chau-Ti Ting (丁照棟) 國立臺灣大學	Gene duplication drives species diversification
	Chun-Che Chang (張俊哲) 國立臺灣大學	Germline genes in the pea aphid <i>Acyrtosiphon pisum</i> , an emerging genomic model insect
	Yi-Hsien Su (蘇怡璇) 中央研究院/臺灣大學	Systems Developmental Biology – A Systematic Approach to Study Signaling Pathways in the Sea Urchin Gene Regulatory Networks
	Yen-Jen Oyang (歐陽彥正) 國立臺灣大學	Data analysis in systems biology research
	Jr-Kai Sky Yu (游智凱) 中央研究院/臺灣大學	On the origins of novelty in chordate body plan evolution

Session 2 Modulator: Grace Chu-Fang Lo (羅竹芳)



Prof. Murray Grant
University of Exeter

Keynote speaker	Murray Grant University of Exeter	Using network inference to understand plant pathogen virulence strategies
Invited speakers	Che Lin (林澤) 國立清華大學	Host-pathogen interaction networks between <i>Candida albicans</i> and zebrafish: the dynamics of iron and glucose
	Han-Ching Wang (王涵青) 國立成功大學	A Systems Biology Approach to Shrimp cellular responses during viral infection
	Chiu-Ping Cheng (鄭秋萍) 國立臺灣大學	Investigating molecular mechanism of plant response to bacterial wilt
	Shih-Shun Lin (林詩舜) 國立臺灣大學	Phytoplasma induces the floral organ reprogramming of <i>Catharanthus roseus</i> by suppression the RNA directed-DNA methylation

Session 3 Modulator: Hon-Tsen Yu (于宏燦)



Prof. Tariq Enver
University College
London

Keynote speaker	Tariq Enver University College London	System level approaches for inferring rules of lineage commitment in the haematopoietic system
Invited speakers	Hsueh-Chi 中央研究院/臺灣大學	GPS: a Genomic Approach for Measuring Regulated Protein Turnover
	Hsueh-Fen Juan (阮雪芬) 國立臺灣大學	Integrative network analysis reveals active microRNAs and their functions in gastric cancer
	Yi-Chun Wu (吳益群) 國立臺灣大學	Temporal and spatial regulation of cell migration in <i>C. elegans</i>
	Shu-Chun Teng (鄧述諄) 國立臺灣大學	Global analysis of dephosphorylation sites of a phosphatase reveals essential regulations in cell cycle
	Kou-Juey Wu (吳國瑞) 國立陽明大學	Interplay between HDAC3 and WDR5 is essential for hypoxia-induced epithelial-mesenchymal transition

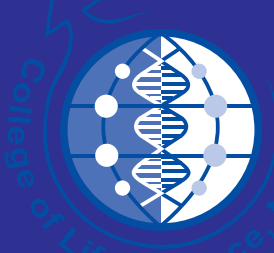
2011年11月29日(二) 8:30~11:30

Session 4 Modulator: Shau-Ping Lin (林勁品)



Prof. Petra Hajkova
Imperial College
London

Keynote speaker	Petra Hajkova Imperial College London	Epigenetic reprogramming in the germline: towards the ground state of the epigenome
Invited speakers	Cheng-Fu Kao(高承福) 中央研究院/臺灣大學	H2B ubiquitylation is part of chromatin architecture that marks exon-intron structure in budding yeast
	Jun-Yi Leu(呂俊毅) 中央研究院/臺灣大學	Hsp90 as a capacitor of non-genetic variation in budding yeast
	Hsei-Wei Wang(王學偉) 國立陽明大學	Systems Biomedicine in cancer translational research: Examples in colon cancer and brain tumors
	Kuo-Ping Chiu(邱國平) 中央研究院/臺灣大學	Multiplex barcoded paired-end ditag (mbPED) applications in epigenetic and transcriptomic analyses



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