

SyBBi Paper Reading Class
 Graduate Institute of Systems Biology and Bioinformatics
 Fall term 2007
 Supervised by HC Lee
 Student Groups

Group A 宋子承 李興中 劉婷婷 蘇禹軒 邱佩洵 陳鴻大*

A1	Science 2006	Gene Regulatory Networks and the Evolution of Animal Body Plans
A2	Nature Reviews Genetics 2004	Network biology: understanding the cell's functional organization
A3	Genome Biology 2004	A first-draft human protein-interaction map
A4	Nature 2006	A genomic code for nucleosome positioning
A5	Nature Genetics 2004	Dynamics of the p53-Mdm2 feedback loop in individual cells

Group B 陳寶興 洪志聖 陳曉蓉 王佩文 劉禎炘 曾致遠*

B1	Nature 1997	Robustness in simple biochemical network
B2	Nucleic Acids Research 2000	KEGG: Kyoto Encyclopedia of Genes and Genomes
B3	Cell 2004	Robustness of Cellular Functions
B4	Science 2003	A Protein Interaction Map of Drosophila melanogaster
B5	Nature 2001	The protein-protein interaction map of Helicobacter pylori

Group C 謝佩君 曾愛倫 阮玉俊 邱義涵 蘇文祥 游竣評*

C1	Science 2002	Hierarchical Organization of Modularity in Metabolic Networks
C2	Nature Genetics 1999	Exploring the new world of the genome with DNA microarrays
C3	Infection, Genetics and Evolution 2007	Surprising niche for the plant pathogen Pseudomonas syringae
C4	Nature Biotechnology 2004	The evolution of molecularbiology into systems biology
C5	Current Genetics 2002	Looking beyond the details: a rise in system-oriented approaches in genetics and molecular biology

Group D 林祐詩 洪一靈 陳欣皓 柯怡安 陳志浩*

D1	Nature 2001	Molecular mechanisms of nociception
D2	Nature 2003	Mass spectrometry-based proteomics
D3	Bioinformatics 2003	The systems biology markup language (SBML): a medium for representation and exchange of biochemical network models
D4	Nature 2006	Induction of Pluripotent Stem Cells from Adult Human Fibroblasts by Defined Factors

*Students from the Lee Lab.