

SyBBI Paper Reading Class II

Graduate Institute of Systems Biology and Bioinformatics
National Central University
Spring term 2008
All classes held on Thursdays
Room 615, Building Science 5

Schedule

03/06 Student Speakers

- 3pm –**HC Lee** A1: Assessing physiological complexity
[paper talk]
4pm –**PW Wang** B1: MicroRNA regulation of human protein-protein interaction network
[paper talk]

03/13 Student Speakers

- 3pm –**WH Su** C1: Novel universal approach for preimplantation genetic diagnosis of b-thalassaemia in combination with HLA matching of embryos
[paper talk]
4pm –**HH Chen** D1: Accurate prediction of protein-protein interactions from sequence alignments using a Bayesian method
[paper talk]

03/20 Student Speakers

- 3pm –**TT Liu** A2: Protein Identification and Peptide Expression Resolver: Harmonizing Protein Identification with Protein Expression Data
[paper talk]
4pm –**BH Chan** B2: Genome Transplantation in Bacteria: Changing One Species to Another

03/27 Student Speakers

- 3pm –**AL Tseng** C2: Butyrate mediates decrease of histone acetylation centered on transcription start sites and down-regulation of associated genes
[paper talk]
4pm –**YA Ko** D2: Global variation in copy number in the human genome
[paper talk]

04/03 (Spring Vacation)

04/10 Student Speakers

- 3pm –**TC Sung** A3: Predicting expression patterns from regulatory sequence in *Drosophila* segmentation
[paper talk]
4pm –**CS Hung** B3: Worldwide Human Relationships Inferred from Genome-Wide Patterns of Variation

04/17 (Middle Exam Week)

04/24 Student Speakers

3pm –**YH Chiou** C3: Noise Propagation and Signaling Sensitivity in Biological Networks: A Role for Positive Feedback
[paper talk]

4pm –**YL Hung** D3: The biological impact of mass-spectrometry-based proteomics
[paper talk]

05/01 Student Speakers

3pm –**YS Su** A4: Crystal structure of the human $\beta 2$ adrenergic G-protein-coupled receptor
[paper talk]

4pm –**CC Liu** B4: A genome-wide association study identifies novel risk loci for type 2 diabetes
[paper talk]

05/08 (TBA)

05/15 Student Speakers

3pm –**PJ Hsieh** C4: Pseudogenes in the ENCODE regions: Consensus annotation, analysis of transcription, and evolution
[paper talk]

4pm –**Jack Lin** D4: Carboxyethylpyrrole oxidative protein modifications stimulate neovascularization: Implications for age-related macular degeneration
[paper talk]

05/22 Student Speakers

3pm –**PH Chiu** A5: Blockade of Dll4 inhibits tumour growth by promoting non-productive angiogenesis
[paper talk]

4pm –**HJ Chen** B5: Generating a synthetic genome by whole genome assembly: Φ X174 bacteriophage from synthetic oligonucleotides

05/29 Student Speakers

3pm –**NN Tuan** C5: Small angle neutron and X-ray scattering in structural biology: recent examples from the literature
[paper talk]

4pm – D group
[experiment talk]

06/05 Student Speakers

3pm – A group
[experiment talk]

4pm – B group
[experiment talk]

06/12 **Student Speakers**

3pm – C group
[experiment talk]

4pm – **(TBA)**

06/19 (Final Exam Week)