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Subject: CBL Update - December 2011

Dear fellow CBL members,

Merry Christmas and Happy New Year.

This is the last update for 2011, which is a rather productive year for CBL.

1/

Congratulations to Wilson Goh for winning the Best Poster Award at the 10th APBN InCoB - 1st ISCB Asia Joint Conference 2011, 30 Nov – 2 Dec 2011, Kuala Lumpur, Malaysia. His winning poster is titled “A pipeline for MS data – an application towards liver cancer”, featuring a rather innovative approach to deal with coverage and consistency issues that have plagued many proteomic profiling experiments.

2/

The 7 papers published since the last update are:

* Hufeng Zhou, Limsoon Wong. [Comparative Analysis and Assessment of M. Tuberculosis H37Rv Protein-Protein Interaction Datasets](#). BMC Genomics, 12(Suppl 3):S20, November 2011.

* Limsoon Wong. [Using Biological Networks in Protein Function Prediction and Gene Expression Analysis](#). Internet Mathematics, 7(4):274--298, December 2011.

* Michal Wozniak, Limsoon Wong, Jerzy Tiuryn. [CAMBerVis: Visualization software to support comparative analysis of multiple bacterial strains](#). Bioinformatics, 27(23):3313--3314, December 2011.

* Yun Cui, Jesper Jansson, Wing-Kin Sung. Algorithms for Building Consensus NUL-trees. Proceedings of 22nd International Symposium on Algorithms and Computation (ISAAC), pages 744--753, Yokohama, Japan, December 2011.

* Ho-Leung Chan, Tak Wah Lam, Wing-Kin Sung, Siu-Lung Tam, Swee-Seong Wong. A linear size index for approximate pattern matching. Journal of Discrete Algorithms, 9(4):358--364, December 2011.

* D. Earl, ..., W. K. Sung, Assemblathon 1: A competitive assessment of de novo short read assembly methods. *Genome Research*, 21(12):2224--2241, December 2011.

* Hugo Willy, See Kiong Ng, Wing-Kin Sung. D-SLIMMER: Domain-SLiM Interaction Motifs Miner for Sequence-Based Protein-Protein Interaction Data. *Journal of Proteome Research*, 10(12):5285--5295, December 2011.

3/

The events that we helped organized this month include:

* [4th International Symposium on Languages in Biology and Medicine \(LBM 2011\)](#). Nanyang Technological University, Singapore, 14-15 December 2011.

* [10th Korea-Singapore Joint Workshop on Bioinformatics and NLP \(KSW 2011\)](#). KAIST, Daejeon, Korea, 12 December 2011.

4/

And we also gave the following invited talk:

* Limsoon Wong. [A Novel Principle for Childhood ALL Relapse Prediction](#). *Invited talk at 10th Korea-Singapore Workshop on Bioinformatics and NLP (KSW)*, Daejeon, South Korea, 12 December 2011.

5/

Here is a summary for the whole year (2011):

of papers published: 1 book chapter, 42 journal papers, & 13 conference papers. Many of these are in top-tier venues.

of events hosted / organized: 11 CS seminars, 4 workshops & symposia.

of invited talks given: 21.

of PhD students defended dissertations: 5 (Hugo Willy, Brandon Ooi, Liu Bing, Chong Key Fah, Dong Difeng).

Two other theses were submitted and pending defense: Melvin's and Tsung Han's.

Regards,

Limsoon