Wong Lim Soon

From: Wong Lim Soon [limsoon@nus.edu.sg]
Sent: Friday, 14 December, 2012 11:33 PM
To: David Hsu Xu Ye (SoC); Wynne Hsu (SoC); leeml@comp.nus.edu.sg; leonghw@comp.nus.edu.sg; Ooi Beng Chin (SoC); ksung@comp.nus.edu.sg; Tan Kian Lee (SoC); thiagu@comp.nus.edu.sg; atung@comp.nus.edu.sg; Guimei Liu; chongket@comp.nus.edu.sg; yenan@comp.nus.edu.sg; a0066309@nus.edu.sg; Nguyen Nam Ninh; suchee@comp.nus.edu.sg; ben.gyori@gmail.com; xxqqxiao@gmail.com; Sucheendra Kumar Palaniappan; th.chiang@gmail.com; dcsgv@nus.edu.sg; Won Kok Sung; Bai Haoyu; kevinl@comp.nus.edu.sg; zhouhufeng@gmail.com; iamwym@gmail.com; zhanghao@comp.nus.edu.sg; misias@mimuw.edu.pl; kohchuanhock@gmail.com; g0600208@nus.edu.sg; bowenli37@hotmail.com; Fan Mengyuan; fayue1015@gmail.com; Yong Chern Han; jin-jing@comp.nus.edu.sg; yusufif@comp.nus.edu.sg; hoang@comp.nus.edu.sg; g0305719@nus.edu.sg; hugowill@comp.nus.edu.sg; drcyber@gmail.com; zhizhuo@comp.nus.edu.sg; Lim Jing Quan; Wang Jianxing
Cc: wongls@comp.nus.edu.sg
Subject: CBL Update, Dec 2012

Dear Fellow CBL members:

1/

Congrats to Wang Yue and Do Huy Hoang for completing their PhD dissertations:

1. Wang Yue, "Genome-Wide Association Studies on Hadoop" (Supervisor: Limsoon Wong).

2. Do Huy Hoang, "Compressed indexing data structures for biological sequences", (Supervisor: Ken Sung).

2/

Many papers got published these two months:

1. Carol Cheung, George Thomas, Wanting Tay, Kamran Ikram, Wynne Hsu, Mong Li Lee, Qiangfeng Peter Lau, Tien Yin Wong. **Retinal Vascular Fractal Dimension and its Relationship with Cardiovascular and Ocular Risk Factors**. *American Journal of Ophthalmology*, 154(4):663--674, October 2012

2. Ket Fah Chong, Hon Wai Leong. **Tutorial on de novo peptide sequencing using MS/MS mass spectrometry**. *Journal of Bioinformatics and Computational Biology*, 10(6):1231002, December 2012.

3. A. Ghosh, G. Saginc, S. C. Leow, E. Khattar, E. M. Shin, T. D. Yan, M. Wong, Z. Zhang, G. Li, W. k. Sung, J. Zhou, W. J. Chng, S. Li, E. Liu, V. Tergaonkar. **Telomerase directly regulates NF-kappa B-dependent transcription**. *Nat Cell Biol.,* 14(12):1270--1281, December 2012.

4. Chuan Hock Koh, Sucheendra K. Palaniappan, P. S. Thiagarajan, Limsoon Wong. **Improved statistical model checking methods for pathways analysis**. *BMC Bioinformatics*, 13(Suppl 17):S15, December 2012.

5. Chuan Hock Koh, Limsoon Wong. **Embracing noise to improve cross-batch prediction accuracy**. *BMC Systems Biology*, 6(Suppl 2):S3, December 2012.

6. Yong San Gilbert Lim, Mong Li Lee, Wynne Hsu. **Constrained-MSER Detection of Retinal Pathology**. *Proceedings of 21st International Conference on Pattern Recognition*, pages ???--???, Japan, November 2012.

7. Kevin Lim, Limsoon Wong. **CMPF: Class-switching Minimized Pathfinding in Metabolic Networks**. *BMC Bioinformatics*, 13(Suppl 17):S17, December 2012.

8. Qian Liu, Limsoon Wong, Jinyan Li. **Z-score biological significance of binding hot spots of protein interfaces by using crystal packing as the reference state**. *Biochim Biophys Acta---Proteins and Proteomics*, 1824(12):1457--1467, December 2012.

9. K. S. Sandhu, G. Li, H. M. Poh, Y. L. Quek, Y. Y. Sia, S. Q. Peh, F. H. Mulawadi, J. Lim, M. Sikic, F. Menghi, A. Thalamuthu, W. K. Sung, X. Ruan, M. J. Fullwood, E. Liu, P. Csermely, Y. Ruan. **Large-scale functional organization of long-range chromatin interaction networks**. *Cell Rep*, 2(5):1207--1219, November 2012.

10. Sriganesh Srihari, Hon Wai Leong. **Temporal dynamics of protein complexes in PPI networks: A case study using yeast cell cycle dynamics**. *BMC Bioinformatics*, 13(Suppl 17):S16, December 2012.

11. Michal Wozniak, Jerzy Tiuryn, Limsoon Wong. **An approach to identifying drug resistance associated mutations in bacterial strains**. *BMC Genomics*, 13(Suppl 7):S23, December 2012.

12. Chern Han Yong, Guimei Liu, Hon Nian Chua, Limsoon Wong. **Supervised maximum-likelihood weighting of composite protein networks for complex prediction**. *BMC Systems Biology*, 6(Suppl 2):S13, December 2012.

13. Liang Zhao, Limsoon Wong, Lanyuan Lu, Steven C. H. Hoi, Jinyan Li. **B-cell epitope prediction through a graph model**. *BMC Bioinformatics*, 13(Suppl 17):S20, December 2012.

14. J. Zhang, H. M. Poh, S. Q. Peh, Y. Y. Sia, G. Li, F. H. Mulawadi, Y. Goh, M. J. Fullwood, W. K. Sung, X. Ruan, Y. Ruan. **ChIA-PET analysis of transcriptional chromatin interactions**. *Methods*, 58(3):289--299, November 2012.

15. Hufeng Zhou, Jingjing Jin, Haojun Zhang, Bo Yi, Michal Wozniak, Limsoon Wong. **IntPath---an integrated pathway gene relationship database for model organisms and important pathogens**. *BMC Systems Biology*, 6(Suppl 2):S2, December 2012.

3/
The following invited talks were given:

1. Limsoon Wong. **A novel contextualization approach to proteomic profile analysis**. *Invited plenary talk at 2nd Biomarker Discovery Conference (BDC2012)*, Shoal Bay, Australia, 6 December 2012.

2. Limsoon Wong. **A novel principle for childhood ALL relapse prediction**. *Invited talk at Inaugural Post-BDC2012 Personalized Medicine Workshop*, Hunter Medical Research Institute, University of Newcastle, Australia, 7 December 2012.

4/
Here are several job ads from friends:

1. PI position in BII. Received from Vladimir Kuznetsov, 2 December 2012.
   http://www.comp.nus.edu.sg/~wongls/bp/openings/vladimir-nov2012.pdf

2. Postdoc positions in Warsaw. Received from Jerzy Tiuryn, 6 Nov 2012.
   http://www.comp.nus.edu.sg/~wongls/bp/openings/warsaw-nov2012.pdf

All in all, 2012 has been a great year for the Comp Bio Lab.

Merry Christmas and All the best for 2013.

Limsoon