Wong Lim Soon

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Subject:	CBL - updates March 2010

Hi CBL Folks,

Quite a lot of things took place in the past couple of months. Here is a summary.

1/
Congratulations to Ken Sung on the publication of his book. It is really nice to read and I have just used a few chapters from it in my CS2220 course!

Wing-Kin Sung. *Algorithms in Bioinformatics: A Practical Introduction*. CRC Press, London, January 2010.

2/
I completed my term as associate editor for *Bioinformatics*. I have returned to normal member role on the editorial board of *Bioinformatics* from this month onwards.

I have just been appointed to the editorial board of *IEEE/ACM Trans. Computational Biology and Bioinformatics* as well.

3/
We have been productive. Below are the papers published recently.

- Melvin Zhang, Hon Wai Leong. **Bidirectional Best Hit r-Window Gene Clusters**. *BMC Bioinformatics*, 11(Suppl 1):S63, January 2010.

- Limsoon Wong, Guimei Liu. **Protein Interactome Analysis for Countering Pathogen Drug Resistance**. *Journal of Computer Science and Technology*, 25(1):124--130, January 2010.

- Guoliang Li, Melissa J. Fullwood, Fabianus Hendriyan Mulawadi, Stoyan Velkov, Han Xu, Vinsensius B. Vega, Pramila Nuwantha Ariyaratne, Yusoff Bin Mohamed, Hong-Sain Ooi, Chandana Tennakoon, Chia-Lin Wei, Yijun Ruan and Wing-Kin Sung. **ChIA-PET tool for comprehensive chromatin interaction analysis with paired-end tag sequencing**. *Genome Biology*, 11(2):R22, February 2010.

- Guimei Liu, Yue Wang, Limsoon Wong. **FastTagger: An Efficient Algorithm for Genome-wide Tag SNP Selection Using Multi-marker Linkage Disequilibrium**. *BMC Bioinformatics*, 11:66, February 2010.

- Chang Sheng, Wynne Hsu, Mong Li Lee, Joo Chuan Tong, See-Kiong Ng. **Mining Mutation Chains in Biological Sequences**. *Proceedings of 26th IEEE International Conference on Data Engineering (ICDE)*, pages ???--???, Long Beach, California, March 2010.

We have quite a few more papers accepted in good places and will be published later this year. I will announce them when the time comes.

4/
The second NUS-UTokyo Workshop on Computational Systems Biology was held at The Institute of Medical Sciences, University of Tokyo during 22-23 February. The workshop was hosted by Prof. Satoru Miyano. There were 5 talks from the NUS side and 7 talks from the UTokyo side. Both sides agreed that it had been a very fruitful meeting and we should organize the workshop again next year. The 5 NUS talks were given by Thiagu and his group.

5/
Another event organized by CBL was the following seminar:

CS Seminar: Studies on Emergence of Drug Resistance in M. Tuberculosis
Michal Wozniak, Warsaw University, Poland
27 January 2010 @ 2pm in SR10 (COM1-02-10)

In addition, we gave the following invited lectures:

- Limsoon Wong. **Topology of PPI Networks: Applications and Questions**. *Invited talk at University of Warsaw*, Warsaw, Poland, 13 January 2010.
- Limsoon Wong. **Consistency and Comprehensiveness of Pathway Databases**. *Invited talk at 9th Korea-Singapore Workshop on Bioinformatics and NLP*, KAIST, Daejeon, Korea, 23 February 2010.

6/
I received a few recruitment requests from friends. If you know someone suitable, please pass the following ads to them.

- Faculty position in bioinformatics at Nanyang Technological University, Singapore.
  http://www.comp.nus.edu.sg/~wongls/bp/openings/ntu-mar10.pdf

- Postdoc position in bioinformatics at Institute of Bioengineering and Nanotechnology, Singapore.
  http://www.comp.nus.edu.sg/~wongls/bp/openings/ibn-jan2010.pdf

- Bioinformatics specialist position at National Cancer Centre Singapore, Singapore.
  http://www.comp.nus.edu.sg/~wongls/bp/openings/nccs-3mar10.pdf

I think that's about it. If I have left out anything, please let me know.

Regards,
Limsoon