

## Wong Lim Soon

---

**From:** Wong Lim Soon [limsoon@nus.edu.sg]  
**Sent:** Tuesday, September 29, 2009 1:32 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; Lisa Tucker-Kellogg; liugm@comp.nus.edu.sg; cuijj@comp.nus.edu.sg; chongket@comp.nus.edu.sg; tanhuiyi@comp.nus.edu.sg; melvin@comp.nus.edu.sg; yenan@comp.nus.edu.sg; nghoongk@comp.nus.edu.sg; srigsri@comp.nus.edu.sg; Sucheendra Kumar Palaniappan; Shi Yuan; th.chiang@gmail.com; Ooi Nick Sern, Brandon; liubing@comp.nus.edu.sg; Gireedhar Venkatachalam; Joshua Chin Yen Song; g0404510@comp.nus.edu.sg; Ko Li Ling; kohchuanhock@gmail.com; dongdife@comp.nus.edu.sg; Low Hong Sang; Ngo Thanh Son; bowenli37@hotmail.com; Chua Gek Huey; Fan Mengyuan; fayue1015@gmail.com; Yong Chern Han; jinningjing1218; Varghese Simi Mundaplackal; g0801981@comp.nus.edu.sg; Zheng Le; hoang@comp.nus.edu.sg; Edward Wijaya; hugowill@comp.nus.edu.sg; drcyber@gmail.com; Wei Xueliang; zhizhuo@comp.nus.edu.sg  
**Cc:** wongls@comp.nus.edu.sg  
**Subject:** CBL update - June - Sept 2009

Dear CBL members and students,

I have been too busy to send you any update in the last 2-3 months. So here is the accumulated one...

1/

First are some news from our alumni.

- Chen Jin completed his postdoc at Stanford and is now an assistant professor at the dept of computer science in Michigan State University. He is also a PI in the famed MSU-DOE PRL. For those of you who do not know Jin, he completed his thesis in 2007 under supervision of Drs Lee Mong Li, Wynne Hsu, and Ng See Kiong.
- Li Haiquan's second daughter (Corinna) was born on 14 Sept. The baby is a spitting image of her proud father. For those of you who do not know Haiquan, he completed his thesis in 2006 under supervision of Drs Jinyan Li and Lee Wee Sun. He works in the Noble Foundation.

Btw, Jin is recruiting staff for his new lab. Please visit

<http://www.comp.nus.edu.sg/~wongls/bp/openings/jinchen-sept09.pdf> for a description and pass the message around.

2/

Next are some news of faculty members affiliated to CBL.

- A/P Leong Hon Wai was conferred an Inspiring Mentor Award in July. The award is given annually by alumni to recognize NUS faculty and administration staff members who have made a difference to the lives of alumni during their student days on campus. They are outstanding mentors and teachers who have made exceptional impact on the alumni and have helped change and influence the course of life of the alumni.

- Prof Tan Kian Lee became chief editor of the prestigious *VLDB Journal*.
- Prof Wong Limsoon became a founding board member of the *Journal of Biomedical Semantics (BMC)*.

3/

During the past three months, we have published the following papers:

1. Frank Eisenhaber, Chee-Keong Kwoh, See-Kiong Ng, Wing-Kin Sung, Limsoon Wong. "Brief Overview of Bioinformatics Activities in Singapore". *PLoS Computational Biology*, 5(9):e1000508, September 2009.
2. Henry Chi-Ming Leung, Man-Hung Siu, Siu-Ming Yiu, Francis Yuk-Lun Chin, Ken Wing-Kin Sung. "Clustering-Based Approach for Predicting Motif Pairs from protein Interaction Data". *Journal of Bioinformatics and Computational Biology*, 7(4): 701-716, August 2009.
3. Bing Liu, P.S. Thiagarajan and David Hsu. "Probabilistic Approximations of Signaling Pathway Dynamics". *Proc. the 7th Conference on Computational Methods in Systems Biology (CMSB)*, pages 251-265, Bologna, Italy, August 2009.
4. Guimei Liu, Limsoon Wong, Hon Nian Chua. "Complex Discovery from Weighted PPI Networks". *Bioinformatics*, 25(15):1891--1897, August 2009.
5. David Lo, Siau-Cheng Khoo, Limsoon Wong. "Non-Redundant Sequential Rules---Theory and Algorithm". *Information Systems*, 34(4-5):438-453, June-July 2009.
6. Hong Sang Low, Christopher J. O. Baker, Alexander Garcia, Markus R. Wenk. "An OWL-DL Ontology for Classification of Lipids". *Proceedings of International Conference on Biomedical Ontology*, pages ???--???, Buffalo, NY, USA, 24-26 July 2009.
7. Wing-Kin Sung, Yiwei Lu, Charlie W.H. Lee, Dongwei Zhang, Mostafa Ronaghi, Caroline G.L. Lee. "Deregulated direct targets of the hepatitis B viral (HBV) protein, HBx, identified through chromatin immunoprecipitation and expression microarray profiling". *Journal of Biological Chemistry*, 284(33):21941-21954, August 2009.
8. Yubo Wang, Gaoxi Xiao, Jie Hu, Tee Hiang Cheng, Limsoon Wong. "Imperfect Targeted Immunization in Scale-Free Networks". *Physica A: Statistical Mechanics and its Applications*, 388(12):2535--2546, June 2009.

4/

We hosted the following seminars and workshops:

1. CS Seminar: Regulatory Networks and Connected Components of Neutral Space  
Gunnar Boldhaus, Universitat Leipzig, Germany  
15 September 2009 @ 2pm in MR6 (AS6-05-10)
2. CS Seminar: QIP = PSPACE  
Rahul Jain, SOC, NUS  
28 August 2009 @ 2pm in SR8 (COM1-02-08)
3. CS Seminar: Topological Approaches to Tree (Re-)Construction  
Andreas Dress, CAS-MPG Partner Institute and Key Lab for Computational Biology, China  
17 August 2009 @ 3pm in SR7 (COM1-02-07)

4. SOC CBL Workshop on Computational Analysis of DNA Sequences  
13 July 2009 in SR2 (COM1)
5. SOC-FOS-SICS Joint Workshop on Bioinformatics and Computational Biology  
8 June 2009 in SR2 (COM1)

We also gave the following invited talks:

1. Melvin Zhang, Hon Wai Leong. "Algorithms for Finding Gene Teams". Invited talk at *4<sup>th</sup> Intl Conf on Mathematics and Statistics*, Lampung, INDONESIA, 13-15 Aug 2009
2. Limsoon Wong. "A Few Simple Ideas for Efficient Tag SNP Selection". *Invited talk at Peking University*, Beijing, China, 22 July 2009.
3. Limsoon Wong. "Topology of PPI Networks: Applications and Questions". *Invited talk at Shanghai Center for Bioinformation Technology*, Shanghai, China, 24 July 2009.

5/

Last but not least, Dr Ken Sung is hosting a welcome tea for our comp bio undergrads on 30 Sept at 6pm in SR8. If you are around, please drop by to say hi to the undergrads.

Limsoon