Wong Lim Soon

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Sent: Wednesday, March 23, 2011 2:13 PM
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Cc: wongls@comp.nus.edu.sg
Subject: CBL Updates --- Feb/Mar 2011

Dear CBL members,

Here is the update for Feb and March. The last month and a half have been very productive ☺.

1/ First, there is an addition to Dr Li Jinyan and his family. Jinyan's 4th son, Kai Jun, arrived on 9th of Feb and has been keeping Daddy and mommy rather busy!

2/ We welcome Ah Fu back from Japan. He completed his attachment to Univ of Tokyo. The attachment was very productive with a nice chain of papers on systems biology modelling technology.

3/ Five papers were published (and >12 in press):

- Viet Tung Hoang, Wing-Kin Sung. **Improved Algorithms for Maximum Agreement and Compatible Supertrees**. *Algorithmica*, 59(2):195--214, February 2011.

- Chuan Hock Koh, Masao Nagasaki, Ayumu Saito, Chen Li, Limsoon Wong, Satoru Miyano. **MIRACH: Efficient Model Checker for Quantitative Biological Pathway Models**. *Bioinformatics*, 27(5):734-735, March 2011.

- David Lo, Jinyan Li, Limsoon Wong, Siau-Cheng Khoo. **Mining Iterative Generators and Representative Rules for Software Specification Discovery**. *IEEE Transactions on Knowledge and Data Engineering*, 23(2):282--296, February 2011.

- Wen Lee Tan, Bhaskar Bhattacharya, Marie Chiew Hsia Loh, Indirikumar Balasubramanian, Mohamed Akram, Difeng Dong, Limsoon Wong, Bhavin Thakkar, Manuel Salto-Tellez, Ross Soo, Iduna Fichtner, Barry Iacopetta, Richie Soong. **Low cytosine triphosphate synthase 2 expression renders resistance to 5-fluorouracil in colorectal cancer**. *Cancer Biology & Therapy*, 11(6):599--608, March 2011.

- Ket Fah Chong, Hon Wai Leong. **MCPS: A Mono-Chromatic Peptide Sequencer for Multi-Charged Mass Spectra**. *Proceedings of RECOMB Satellite Conference on Computational Proteomics (RECOMB-CP)*, pages ???--???, San Diego, USA, March 2011.

4/ We hosted the following talk:

[CS Seminar: IDBA---A Practical De Novo Genome Assembler](#)
Francis Chin, University of Hong Kong
28 February 2011 @ 2pm in Executive Classroom (COM2-04-02)

5/ And we gave the following invited lectures:

- Limsoon Wong. **Two Computational Biology Challenges: A Call to Arm on Countering Pathogen Drug Resistance and Computational Lipid Biology**. Invited talk at Soochow University, Suzhou, China, 24 February 2011.

- Limsoon Wong. **Enabling Reproducible Gene Expression Analysis**. International Outstanding Scientist Series, Key Laboratory of Systems Biology, SIBS, CAS, Shanghai, China, 26 February 2011.

6/ A friend asks me to share with you some postdoc positions at the Karolinska Institute (this is the place that selects the "medical" Nobel Prize). More info at http://www.comp.nus.edu.sg/~wongls/bp/openings/karolinska-feb2011.pdf.

Limsoon

PS. As usual, if I missed out any item, please send me an email!