

Wong Lim Soon

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Cc: 'Limsoon Wong'
Subject: CBL update - April 2012

Dear CBL Members,

Here is a quick summary on our activities since our last update:

1/

Congratulations to Melvin Zhang, Chiang Tsung Han, and Sriganesh Srihari for successfully defending their theses in April!

- Melvin Zhang, "Algorithms for Conserved Gene Cluster Discovery and Ortholog Assignment", supervisor: Leong Hon Wai.
- Sriganesh Maniganahalli Srihari, "[Integrating Biological Insights with Topological Characteristics for Improved Complex Prediction from Protein Interaction Networks](#)", supervisor: Leong Hon Wai.
- Chiang Tsung-Han, "[Markov Dynamic Models for Long-Timescale Protein Motion](#)", supervisor: David Hsu.

2/

The papers published include:

- Wilson Goh, Yie Hou Lee, Maxey Chung, Limsoon Wong. **How advancement in biological network analysis methods empowers proteomics**. *Proteomics*, 12(4-5):550--563, 2012.
- K. P. Ng, A. M. Hillmer, C. T. Chuah, W. C. Juan, T. K. Ko, A. S. Teo, P. N. Ariyaratne, N. Takahashi, K. Sawada, Y. Fei, S. Soh, W. H. Lee, J. W. Huang, J. C. Allen Jr, X. Y. Woo, N. Nagarajan, V. Kumar, A. Thalamuthu, W. T. Poh, A. L. Ang, H. T. Mya, G. F. How, L. Y. Yang, L. P. Koh, B. Chowbay, C. T. Chang, V. S. Nadarajan, W. J. Chng, H. Than, L. C. Lim, Y. T. Goh, S. Zhang, D. Poh, P. Tan, J. E. Seet, M. K. Ang, N. M. Chau, Q. S. Ng, D. S. Tan, M. Soda, K. Isobe, M. M. Noethen, T. Y. Wong, A. Shahab, X. Ruan, V. Cacheux-Rataboul, W. K. Sung, E. H. Tan, Y. Yatabe, H. Mano, R. A. Soo, T. M. Chin, W. T. Lim, Y. Ruan, S. T. Ong. **A common BIM deletion polymorphism mediates intrinsic resistance and inferior responses to tyrosine kinase inhibitors in cancer**. *Nature Medicine*, 18(4):521--528, March 2012.

- Sriganesh Srihari, Hon Wai Leong. **A Survey of Algorithms for Detecting Protein Complexes from Protein-Protein Interaction Networks**. *Proceedings of Asian Association for Algorithms and Computation (AAAC)*, pages ???--???, Shanghai, China, April 2012.
- ZhiZhuo Zhang, Cheng Wei Chang, Hugo Willy, Edwin Cheung, Wing-Kin Sung. **Simultaneously Learning DNA Motif along with Its Position and Sequence Rank Preferences through EM Algorithm**. *Proceedings of 16th Annual International Conference on Research in Computational Molecular Biology (RECOMB)*, pages 355--370, April 2012.

3/

Only one invited talk was given last month:

- P. S. Thiagarajan. **Probabilistic Approximations of ODEs Dynamics of Signalling Pathways Dynamics**. *Invited talk at CMACS Workshop on Formal Methods and Systems Biology*, New York University, Kimmel Center, 29-30 March 2012.

4/

We did not organize any event last month. But please attend the following talk next week:

- [CS Seminar: Characterization of Somatic Mutations in Cancer Genomes](#)
Eli Upfal, Brown University
18 May 2012 @ 10.30am in Executive Classroom

5/

I received a few job ads:

- [Bioinformatics postdoc needed at UC Riverside. Received from Tao Jiang, 5 May 2012.](#)
- [Bioinformaticist needed at Prognosys, La Jolla, CA. Received from Mark Chee, 5 May 2012.](#)
- [Postdoc position on time series analysis/forecasting open at Masdar Institute. Received from Zeyar Aung, 3 May 2012.](#)
- [Bioinformatician needed for microarray analysis at NCCS. Received from Kam Hui, 17 April 2012.](#)
- [Bioinformatics expert in microarray analysis needed at NUH. Received from Shirley Kam, 13 April 2012.](#)

Links to the ads can be found on <http://www.comp.nus.edu.sg/~wongls/bp/openings/index.html>.

Regards,

Limsoon