เอกสารอ้างอิง

ชโลธร เหลี่ยมวิรัช. 2546. *ระบบการจัดกลุ่มข้อมูลการถอดรหัสพันธุกรรมของดีเอ็นเอ.* วิทยานิพนธ์วิทยาศาสตรบัณฑิต. สาขาวิทยาการคอมพิวเตอร์ คณะวิทยาศาสตร์ มหาวิทยาลัยเชียงใหม่.

ออมพิไล มโนรัตน์. 2548. *การทำนายเครือข่ายการควบคุมยีนจากข้อมูลไมโครอาร์เรย์ของดีเอ็นเอ ด้วยเทคนิคเครือข่ายเบย์เซียน.* วิทยานิพนธ์วิทยาศาสตรบัณฑิต. สาขาวิทยาการ คอมพิวเตอร์ คณะวิทยาศาสตร์ มหาวิทยาลัยเชียงใหม่.

Alberts B., et al. 2002. *Molecular Biology of the Cell.* Garland Science, New York.

Aristidou, A. and Penttila, M. 2000. *Metabolic engineering applications to renewable resource utilization.* Curr. Opin. Biotechnol., vol. 11, 187–198.

DeRisi, J. L., Iyer, V. R. and Brown, P. O. 1997. *Exploring the metabolic and genetic control of gene expression on a genomic scale.* Science 278, 680-686.

Doucet, A. and Wang, X. 2005. *Monte Carlo Methods for Signal Processing [A review in the statistical signal processing context].* IEEE Signal Processing Magazine, November 2005, 152-170.

Eisen Lab. 2001. *Public microarray expression data for yeast S. cerevisiae.*[Online]. Available:http://rana.lbl.gov/EisenData.htm.

Gamerman, D. 1997. *Markov Chain Monte Carlo Stochastic sinmulation for Bayesian inference.* London: Chapmoan & Hall.

Gilks, W.R., et al., 1996. *Markov chain monte carlo in practice.* London: Chapman & Hall.

Green, P.J. 1995. *Reversible jump MCMC computation and Bayesian model determination.* Biometrika, vol. 82, 711-732.

Han, J. and Kamber, M. 2001. *Data Mining: Concepts and Techniques.* San Francisco: Academic Press, 348-354.

Hartemink, J., et al., 2001. *Using graphical models and genomic expression data to statistically validate models of genetic regulatory networks.* Pac Symp Biocomputing, January 2001, Hawaii, USA, 422-433.

Hortner H, et al.1982. Regulation of synthesis of catalases and iso-1-cytochrome c in Saccharomyces cerevisiae by glucose, oxygen and heme. Eur J Biochem 128(1), 179-84.

Husmeier, D. 2003. *Sensitivity and specificity of inferring genetic regulatory interactions from microarray experiments with dynamic bayesian networks.* Bioinformatics, Oxford University, vol.19 no.17, 2271-2282.

Kirimasthong, K., et al., 2006. *Simulation Study of Quantitative Impact of Glucose Concentrations on the Transcriptional Expressions Levels of Genes in Saccharomyces Cerevisiae.* The 10th Annual National Symposium on Computational Science and Engineering (ANSCSE10), Chiangmai University, Thailand, 555-562.

Leland Stanford Junior University. 2001. *Stanford Microarray Database* [Online]. Available: http://genome-www5.stanford.edu (1 June 2005).

Milton, J. S., and Tsokos, J. O. 1983. *Statistical Methods in the Biological and Health Sciences.* McGraw-Hill, Japan, 123-131.

Olesen, JT., and Guarente, L. 1990. *The HAP2 subunit of yeast CCAAT transcriptional activator contains adjacent domains for subunit association and DNA recognition: model for the HAP 2/3/4 complex..* Genes Dev. vol. 4, 1714-1729.

Manorat, A., et al., 2005. *Inference of Gene Regulatory Network from Gene Expression Levels by Bayesian Network.* Poster , Biothailand2005, Bangkok, Thailand.

Milton, J.S., and Tsokos, J.O. 1983. *Statistical Methods in the Biological and Health Sciences.* McGraw-Hill, Japan 123-131.

MRC Biostatistics Unit. 2005. *WinBUGS program* [online]. Available: http://www.mrc-bsu.cam.ac.uk/bugs/winbugs/contents.shtml.

National Human Genome Research Institute. 2006. *DNA Microarray Technology* [online] . Available: http://www.genome.gov/10000533 (20 August 2006).

Nieder Niederberger, P. 1989. *Microorganisms in our food: Yesterday, today and tomorrow.* Soz Praventivmed, vol. 34, 53–57.

Nilges, M., and Linge, J. P. 2002. *Definition of Bioinformatics*. [Online].

Available:http://www.pasteur.fr/recherché/unites/Binfs/definition/bioinformatics_definiti on.html.

Regazzini, E., Guglielmi, A., Nunno, G. D. 2002. *Theory and Numerical Analysis for Exact Distributions of Functionals of a Dirichlet Process*. The Annuals of Statistics, vol. 30, no. 5, 1376-1411.

Shmulevith, I., Dougherty, E. R., and Zhang, W. 2002. *From Boolean to Probabilistic Boolean Networks as Models of Genetic Regulatory Networks*. Proceedings of the IEEE, vol. 90, no. 11, 1778-1792.

Vienna University of Technology. *R programming*. [Online]. Available:http://www.r-project.org .

Wikipedia. 2006. *Diauxic Shift*. Wikipedi The free encyclopedia [online].

Available: http://en.wikipedia.org/wiki/Diauxic_shift.

Wikipedia. 2006. *Gene regulatory network*. Wikipedi The free encyclopedia [online].

Available: http://en.wikipedia.org/wiki/Gene_regulatory_network.

Wu, X., Ye, Y., and Subramanian, K. R. 2003. *Interactive Analysis of Gene Interactions Using Graphical Gaussian Model*. BIOKDD03: 3rd ACM SIGKDD Workshop on Data Mining in Bioinformatics, 63-69.

Yukhananov, R., and Loguinov, A. 2003. *Introduction to Microarray*. BWH, Harvard Medical School. SIM2003.