

Suchat Udomsopagit

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Foresight exercises Real-time Delphi Survey, scenario development

NAME :	Suchat UDOMSOPAGIT
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CITIZENSHIP :	Thai
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EDUCATION	1982 ? 1986 B.Sc. (Medical Technology (First Hons.)), Chiangmai University, Thailand 1986 ? 1989 M.Sc. (Microbiology), Mahidol University, Thailand 1994 ? 1998 Ph.D. (Microbiology), Mahidol University, Thailand
POSITION	1993 ? 2004 Scientist, Centre for Biotechnology, Institute of Science and Technology for Research and Development, Mahidol University 2001 ? 2004 Head, Central Bioinformatics Helpdesk National Center for Genetic Engineering and Biotechnology National Science and Technology Development Agency 2004 ? 2008 Researcher, Bioinformatics Laboratory, National Center for Genetic Engineering and Biotechnology National Science and Technology Development Agency 2008 ? 2009 Policy researcher

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MEMBERSHIP	Thai Society for Biotechnology
AREA OF INTEREST	• Technology foresight • Knowledge management • Policy development, implementation and evaluation
TRAININGS	1. International Training Programme on Introduction to Industrial Biotechnology. Gesellschaft für Biotechnologische Forschung mbH (GBF), Braunschweig, Germany, 6 September ? 26 October 1991, Supported by GBF and CDG 2. Development of L-glutamate sensor at Gesellschaft für Biotechnologische Forschung mbH (GBF), Braunschweig, Germany, 27 October ? 6 December 1991, 1 October ? 26 November 1993, and 4 November 1994 ? 3 February 1995, Cooperative Research Program of NRCT-DFG 3. International Training Course on Bioinformatics Applied to Genomic Studies. FIOCRUZ, Rio de Janeiro, Brazil, 21 May ? 15 June 2001, Supported by WHO/TDR 4. Master Informatique pour les Science Specifique Bioinformatique, Université Montpellier 2 and Institut de Recherche pour le Developpement (IRD), Montpellier, France, 6 september 2006 ? 30 January 2007.
RESEARCH GRANTS	?Screening, isolation, and characterization of L-glutamate oxidase producing microorganisms? Post-doctoral Fellowship, The Thailand Research Fund July 1999 ? June 2001, Principal investigator
THESES	1. Udomsopagit, S. (1989) Allotypes of the fourth component of complement (C4) in normal Thai and patients with systemic lupus erythematosus (SLE), dengue haemorrhagic fever (DHF), and IgM nephropathy. M.Sc. Thesis, under supervision of Dr. Prida Malasit, Faculty of Medicine, Siriraj Hospital, Mahidol University, Thailand. 2. Udomsopagit, S. (1998) Development of flow injection analysis for L-glutamate determination. Ph.D. Thesis, under supervision of Prof. Amaret Bhumiratana, Faculty of Science, Mahidol University, Thailand.
PUBLICATIONS AND PRESENTATIONS	1. Udomsopagit, S., Suphantharika, M., Bhumiratana, A., Wolfgang Künnecke and Bilitewski, U. Determination of L-glutamate in various commercial soy sauce products using flow injection analysis with a modified electrode. World J Microbiol Biotechnol 1998; 14: 543-549. 2. Udomsopagit, S., Suphantharika, M., Bhumiratana, A., Wolfgang Künnecke and Bilitewski, U. Flow injection analysis of L-glutamate using enzyme reactors and enzyme electrodes. ASEAN J Sci Technology Development 1998;15: 73-92.

3. Na Nakorn, P., Suphantharika, M., Udomsopagit, S. and Surareungchai, W. Poly(vinylferrocene)/poly(ethylene glycol) glutamate oxidase electrode for determination of L-glutamate in commercial soy sauces. *World J Microbiol Biotechnol* 2003; 19: 479-485.
4. Wachiratianchai, S., Bhumiratana, A., and Udomsopagit, S. Isolation, purification, and characterization of L-glutamate oxidase from *Streptomyces* sp. 18G. *Electron J Biotechnol* 2004, 7: 277-284.
5. Udomsopagit, S., Thammarongtham, C., Kuphanumat, K. and Palittapongarnpim, P. The national bioinformatics helpdesk of Thailand. InCob2002, 6-8 February 2002, Le Royal Meridien, Bangkok, Thailand.
6. Udomsopagit, S., and Palittapongarnpim, P. Comparative study on tandem repeats in Five *Escherichia coli* genomes. InCob 2004, 6-8 September 2004, Auckland, New Zealand.
7. Sutthikhampa, S., Palittapongarnpim, P., Panbangred, W. and Udomsopagit, S. Characterization of tandem repeats in *Salmonella enterica* by bioinformatics approach. (Poster) The 18th Annual Meeting of the Thai Society for Biotechnology ?Biotechnology: Benefits & Bioethics? November 203, 2006, The Montien Riverside Hotel, Bangkok, Thailand.
8. Rijiravanich, P., Somasundrum, M., Udomsopagit, S. and Surareungchai, W. DNA-modified screen-printed electrodes for selective *Escherichia coli* detection. (Poster) The 18th Annual Meeting of the Thai Society for Biotechnology ?Biotechnology: Benefits & Bioethics? November 203, 2006, The Montien Riverside Hotel, Bangkok, Thailand.
9. Udomsopagit, S., and Dubreuil-Tranchant, C. A preliminary study on GO annotation of expressed sequence tags from coffee and oil palm. NSTDA Annual Conference 2007 (NAC 2007), Pathumthani, Thailand., 28 March 2007.
10. Lutthisungnoen, A., Kondo, S., Udomsopagit, S., Smittipat, N., and Palittapongarnpim, P. Characterization of *Vibrio cholera* O1 isolated during 2001-2004 by variable number of tandem repeat (VNTR) typing. *Thammasat Medical Journal* 2008 8:274-279.
11. Udomsopagit, S., Satangput, P., Wongdeethai, A., Damrongchai, N., Wongtheerasup, N., and Ratanakornwit, P. Trends in global nanotechnology research and development. 1st ThaiTIMA annual conference on technology and innovation management. June 25-26, 2008, Century Park Hotel, Bangkok, Thailand.