

CURRICULUM VITAE

Dr. Yaneenart Suwanwong

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Education:

1996-1999	B.Sc. (Medical Technology) Honor, Chulalongkorn University
2000-2006	Ph.D. (Medical Technology), Mahidol University

Scientific Journeys :

2004-2005 One-year training at Department of Pure and Applied Biochemistry, Lunds University, Sweden, under the supervision of Prof. Leif Bülow, PhD

Professional certification : Medical Technologist, MT license

Current position : Lecturer, Medical Technology Program

Fellowship/Grant/Award Information:

• Full Scholarship of university staff for Ph.D. study given by the Royal Thailand Government

List of Publications :

- Isarankura-Na-Ayudhya C, Suwanwong Y, Boonpangrak S, Kiatfuengfoo R, Prachayasittikul V. Co-expression of zinc binding motif and GFP as a cellular indicator of metal ions mobility. *Int J Biol Sci.* 2005; 1(4): 146–151.
- Prachayasittikul V, Isarankura-Na-Ayudhya C, Suwanwong Y, Tantimavanich S. Construction of chimeric antibody binding green fluorescent protein for clinical application. *EXCLI J.* 2005; 4: 19-104

- Suwanwong Y, Kvist M, Isarankura-Na-Ayudhya C, Tansila N, Bülow L, Prachayasittikul V. Chimeric Antibody-Binding *Vitreoscilla* Hemoglobin (VHb) Mediates Redox-Catalysis Reaction: New Insight into the Functional Role of VHb. *Int J Biol Sci.* 2006; 2(4): 208–215.
- Suwanwong Y, Isarankura-Na-Ayudhya C, Bülow L, Prachayasittikul V. Insight into the genetic engineering of chimeric antibody-binding green fluorescent proteins for immunological taggers. *EXCLI J.* 2006; 5: 1614-178

Conferences and Proceedings :

- Suwanwong Y, Isarankura-Na-Ayudhya C, Prachayasittikul V. Genetic construction of chimeric antibody-binding green fluorescent protein fusion for immunodiagnosis. The Fifth Princess Chulabhorn International Science Congress. 16-20 August 2004, Bangkok, Thailand.
- Suwanwong Y, Yainoy S, Bernaudat F, Isarankura-Na-Ayudhya C, Bülow L , Prachayasittikul V. Re-engineering of of chimeric antibody-binding green fluorescent proteins for using as immunotaggers. 31st Congress on Science and Technology of Thailand. 18 – 20 October 2005, Nakornrachasrima, Thailand.
- Isarankura-Na-Ayudhya C, Suwanwong Y , Boonpangrak S, Prachayasittikul V. Coexpression of zinc binding motif and GFP as a cellular indicator of metal ions mobility. 31st Congress on Science and Technology of Thailand. 18 – 20 October 2005, Nakornrachasrima, Thailand.
- Tansila N, Suwanwong Y, Kvist M, Isarankura-Na-Ayudhya C, Bülow L, Prachayasittikul V. Construction of chimeric antibody-binding *Vitreoscilla* hemoglobin providing peroxidase-like activity for immunological diagnosis. 32nd Congress on Science and Technology of Thailand. 10-12 October 2006, Bangkok, Thailand.
- Suwanwong Y, Meunraya S, Sirimahakul S, Soogarun S. Detection of Dengue Virus by Simple RT-PCR using universal degenerate primers: a study in mononuclear cells. Joint International Tropical Medicine Meeting 29-30 November 2007, Bangkok, Thailand.

Research interest :

- Engineering of bio- and chemopolymers for biological applications
- Development of new techniques for clinical diagnosis