

## VITA

**Name** Mr. Theeraphan Machan

**Date of Birth** 7<sup>th</sup> September 1974

**Academic Qualifications**

- High school certificate, Triamudomsuksa School of The North, Phitsanulok, Thailand, 1991.
- B.Sc. 2<sup>nd</sup> Hons (Chemistry), Pibulsongkram Rajabhat University, Phitsanulok, Thailand, 1996.
- M.Sc. (Chemistry), Chiang Mai University, Chiang Mai, Thailand, 2002.

**Practical Experiences**

- Chemist, Nippon Paint (Thailand) Co. Ltd., Chacherngsao, Thailand, 1996.
- Quality Control Supervisor, Cargill Siam Ltd., Branches in Phitsanulok and Nakorn Ratchasima, Thailand, 1996 – 1998.
- Special Lecturer, Department of Chemistry, Faculty of Science and Technology, Pibulsongkram Rajabhat University, Phitsanulok, Thailand, 1998 - 1999.
- Academic visitor, Department of Chemistry, University of Wollongong, Australia, 2003, 2005 and 2007.

**Awards/ Scholarships**

- The Lecturer/Student Exchange Program, The Commission on Higher Education, Ministry of education, Thailand, 2006.
- Academic Fellowship, University of Wollongong, Wollongong, Australia, 2003 and 2005.
- The Royal Golden Jubilee Ph.D program (RGJ), The Thailand Research Fund (TRF), 2003.

### List of Publications

1. S.G. Pyne, A.S. Davis, N.J. Gates, J.P. Hartley, K.B. Lindsay, **T. Machan**, and M. Tang, Asymmetric synthesis of polyfunctionalized pyrrolidines and related alkaloids. *Synlett* (2004), (15), 2670-2680.
2. **T. Machan**, J. Korth, B. Liawruangrath, S. Liawruangrath, S.G. Pyne, Composition and antituberculosis activity of the volatile oil of *Heliotropium indium* Linn. growing in Phitsanulok, Thailand., *Flavour and Fragrance Journal* (2006), 21(2), 265-267.
3. **T. Machan**, B. Liawruangrath, J. Korth, S. Liawruangrath, A. Baramée and S.G. Pyne, Free fatty acids from the crude hexane extract of the aerial parts of *Heliotropium indicum* Linn. growing in Phitsanulok, Thailand, *ACGC Chemical Research Communications*. (Accepted)

### List of Conferences:

#### International Conferences

1. **T Machan**, S G. Pyne, B. Liawruangrath, Asymmetric Synthesis of Pyrrolo[1,2-c]oxazol-3-ones: Precursors for Polyhydroxylated Indolizidines, Annual NPG 2005, RACI Natural Products Group One Day Symposium, Macquarie University, Sydney, Australia, 30<sup>th</sup> September 2005.
2. **T Machan**, S G. Pyne, B. Liawruangrath, Asymmetric Synthesis of Pyrrolo[1,2-c]oxazol-3-ones: Precursors for Polyhydroxylated Indolizidines, Frontiers of Mass Spectrometry, Drug Design & Synthesis, Halpern Symposium 2005, University of Wollongong, Wollongong, Australia, 28 – 30 November 2005.

#### National Conferences

1. **T. Machan**, J. Korth, B. Liawruangrath, S. Liawruangrath and S.G. Pyne, Composition and Antituberculosis Activity of the Volatile Oil of *Heliotropium Indicum* Linn., The 30<sup>th</sup> Congress on Science and Technology of Thailand, 19-21 October 2004, Bangkok, Thailand.
2. **T. Machan**, B. Liawruangrath, J. Korth, S. Liawruangrath, A. Baramée, S.

G. Pyne and C. Thongpoon, Free Fatty Acids and Antituberculosis Activity from *Heliotropium indicum* Linn., The 31<sup>th</sup> Congress on Science and Technology of Thailand, 10-12 October 2006, Bangkok, Thailand.

3. **T. Machan**, B. Liawruangrath, J. Korth, S. Liawruangrath, A. Baramée, S. G. Pyne and C. Thongpoon, Free Fatty Acids and Antituberculosis Activity from *Heliotropium indicum* Linn., วันวิชาการ มหาวิทยาลัยเชียงใหม่ ครั้งที่ 2, 8-10 December 2006, Chiang Mai, Thailand.

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