

## Curriculum Vitae

1. Name-Surname (ภาษาไทย) นางสาววัชรีย์ สี่ห์ชำนาญธุระกิจ

(English) Ms.Vatcharee Seechamnaturakit

2. ID: 3 9098 00859 15 9

3. Date of birth: 30 September 1967

4. Current position: Lecturer

5. Contact address:

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6. Education profile

Year	Certificate	University
2007	Ph.D. (Pharmaceutical Sciences)	Prince of Songkla University
1996	MSc. (Organic Chemistry)	Prince of Songkla University
1990	BSc. (Chemistry)	Prince of Songkla University

7. Work Experiences:

2009 - present                    A research lecturer at Nutraceutical and Functional Food  
Research and Development Center, Faculty of Agro-Industry,  
Prince of Songkla University

July 2014 – Sep 2014            Training the microbial transformation technique of Capsaicinoids  
at Applied Chemistry branch, Department of Science,  
Ramchamkaeng University, Bangkok, Thailand

2014                                  Blind reviewer of Journal of Food and Nutrition Research for 6  
titles and International Journal of Food Science and Technology  
for 1 titles

2012-2014                          Visiting Faculty tough on the subject of Oleochemistry to the  
third-year students of Department of Industrial Chemistry at  
Prince of Songkla University, Surathanee Branch

2013-2014	Volunteer reviewer for Journal of Cereal Chemistry for 4 titles
2012-2013	Evaluated committee for Evaluation Thesis Committee Board of Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE), and Department of Chemistry, University of Karachi, Pakistan.
2007 - 2008	A lecturer at Faculty of Art and Science, Prince of Songkla University, Branch of Suratthanee Province
2001	Visiting Faculty tough on the subject of Organic Chemistry I for the second-year student of Department of Industrial Chemistry at Prince of Songkla University, Suratthanee branch
1996 - 2002	As analytical supervisor at Sciencetific Equipment Center, Prince of Songkla University

8. Professional activities:

1. Poster presentation entitled “Physicochemical Properties on Tapioca Starch and Waxy Rice Blends for Functional Food Ingredient” in 5th Joint PSU-UNS International Conference Bioscience, 29-30 September, 2014. at Phuket Graceland Resort & Spa, Phuket Province.
2. Oral presentation entitled “The pungency of antioxidative substances from Capsicum frutescens L. in Southern part of Thailand” in the Conference of 1st Joint ACS AGFD-ACS ICSC Symposium on Agricultural and Food Chemistry 2014, 4-5 March, 2014 at Montien Riverside Hotel Bangkok, Thailand.
3. Oral presentation entitled “Cyanidin Analysis of Indigenous Rice from Southern Part of Thailand” in the Food Innovation Asia Conference 2013 “Empowering SMEs through Science and Technology”, 13-14 June, 2013 at BITEC, Bangkok, Thailand.
4. Oral presentation entitled “ $\alpha$ -galactosidase Hydrolyzing Galactomannan from Jackfruit Seed” in the FRANCO-THAI SYMPOSIUM 2012, 1-3 February, 2012 at Century Park Hotel, Bangkok, Thailand.
5. Poster presentation entitled “Enzyme Hydrolysis of Galactomannan Extract from Jackfruit Seeds” in the Conference 1st International Congress on Natural Products, on 17-18 October, 2011, hold by Natural product research center, Faculty of Science, Prince of Songkla University, at Khaolak Emerald Beach Resort & Spa, Phang Nga, Thailand.

6. Poster presentation entitled “Characterization of binding site and molecular recognition of trans-retinol-MIP” in the tenth annual conference of Thailand Research Fund, 14-16 October, 2010, at Cha-Um, Pretburi Province, Thailand.

7. Oral presentation entitled “The Synthesis and Characterization of Trans-Retinol-Molecularly Imprinted Polymers for Solid-phase extraction of Retinol in Palm Oil” in the sixth conference of PHARMA INDOCHINA VI, on 15-18 December, 2008, at Hue College of Medicine and Pharmacy, Hue city, Vietnam.

#### Proceedings (Abstract)

1. Chuduang, U. and Seechamnaturakit, V. 2014. Physico-chemical properties on tapioca starch-waxy rice blends for functional food ingredient. 5th Joint International PSU-UNS Bioscience Conference, 29-30 September, 2014, Phuket Graceland Resort & Spa, Phuket, Thailand, p.183.

2. Seechamnaturakit, V. 2014. The Pungency of Antioxidative Substances from *Capsicum frutescens* L. in Southern Part of Thailand. 1st Joint ACS AGFD-ACS ICSCT Symposium on Agricultural and Food Chemistry, 4-5 March, 2014, Montien Riverside Hotel Bangkok Thailand, p 29.

3. Seechamnaturakit, V. 2013. Cyanidin Analysis of Indigenous Rice Bran from Southern Part of Thailand. The 15th Food Innovation Asia Conference 2013, 13-14 June, 2013, Bangkok Thailand, p 23.

4. Seechamnaturakit, V. 2012.  $\beta$ -galactosidase Hydrolyzing Galactomannan from Jackfruit Seed. Franco-Thai Symposium 2012, 1-3 February, 2012, Bangkok Thailand, p 48.

5. Seechamnaturakit, V. 2012. Antioxidative Hydrophilic Compounds from Chili Peppers (*Capsicum frutescens* L.). Food Innovation Asia Conference 2012: Green and Sustainable Food Technology for A11” 14-15 June, 2012, Bangkok, Thailand. p 60.

#### Publishcations:

Kangsanant, S., Thongraung, C., Jansakul, C., Murkovic, M. and Seechamnaturakit, V.

2014. Purification and characterisation of antioxidant and nitric oxide inhibitory peptides from *Tilapia (Oreochromis niloticus)* protein hydrolysate. *International Journal of Food Science and Technology*, 50(3), 660-665.

Dasaesamoh, R. and Seechamnaturakit, V. 2014. Extraction and enzymatic

depolymerization of gum from *Artocarpus heterophyllus* Lam. Seeds. *International Food Research Journal*, 21(6): 2245-2251.

Seechamnaturakit , V. and Suedee, R. 2012. The Synthesis and Characterisation of

- Retinol-molecularly Imprinted Polymers as a Selective Sorbent in Solid-phase Extraction. *International Journal of Applied Science and Technology*, 2(7): 81-93.
- Suedee, R., Seechamnaturakit, V., Canyuk, B., Ovattarnporn, C. and Martin, G.P. 2006. Temperature sensitive dopamine-imprinted (N,N'-methylene-bis-acrylamide cross-linked) polymer and its potential application to the selective extraction of adrenergic drugs in urine. *Journal of Chromatography A*, 114: 239-249.
- Suedee, R., Seechamnaturakit, V., Canyuk, B. and Sukswan, A. 2008. Recognition Properties and Competitive Assays of a Dual Dopamine/Serotonin Selective Molecularly Imprinted Polymer. *International Journal of Molecular Science*, 9(12): 2333-2356.
- Chantrapromma, K., Rat-A-pa, Y., Karalai, C., Lojanapiwatana, V. and Seechamnaturakit, V. 2000. A chalcone and a dihydrochalcone from *Uvaria dulcis*. *Phytochemistry*, 53: 511-513.
- Chantrapromma, K., Seechamnaturakit, V., Pakawatchai, C., Chantrapromma, S., Chinnakali, K. and Fun, H.-K. 1998. 2,3-Dihydro-8-hydroxy-5,7-dimethoxy-2-phenyl-4H-1-benzopyran-4-one and 3,3,6-Tribromo-2,3-dihydro-8-hydroxy-5,7-dimethoxy-2-phenyl-4H-1-benzopyran-4-one. *Acta Crystallographica Section C Crystal Structure Communications*, C54(2): IUC9800001.
- Chantrapromma, K., Seechamnaturakit, V., Ponglimanont, C., Pakawatchai, C., Fun, H.K. and Sivakumar, K. 1997. 2,3-Dihydro-5-hydroxy-6,7-dimethoxy-2-phenyl-4H-1-benzopyran-4-one (Onysilin). *Acta Cryst.*, C53:734-736.

#### Awards

- 19 August, 2014 Certificate on the cooperation of patent registration in the achievements of tea leaves *Phyllanthus acidus* (L.) Skeels processing method.