Name : Dr. Ladawan Songtipya

Education :

Degree: Ph.D. Packaging Technology, Kasetsart University, Thailand, 2015

M.Sc. Packaging Technology, Kasetsart University, Thailand, 2009

B.Sc. Chemistry-Biology, Prince of Songkla University, Thailand, 2006

Present employment :

Department of Department of Material Product Technology
Faculty of Agro-Industry
Prince of Songkla University
Hat Yai, Songkhla 90112 Thailand
Tel: +66 74286304
Fax:+66 74558866
E-mail: Ladawan.so@psu.ac.th

Field of interest :

- Packaging Migration and Food Contact Testing
- Micro- and nano- encapsulation

Current researches : -

Award :

- Best Poster Presentation (The 2014 IUPAC- World Polymer Congress, MACRO 2014)
- KU Innovation Awards 2009

Publication :

L. Songtipya, M.C. Thies, A. Sane, Effect of rapid expansion of subcritical solutions processing conditions on loading capacity of tetrahydrocurcumin encapsulated in poly(l-lactide) particles. *J. of Supercritical Fluids*, 113 (2016) 119–127.

J.R. Richards, J.G. Velez, L. Songtipya, A. Sane, M.C. Thies, Fluid-phase behavior of the guaiacol + CO2 system at high pressures. *J. of Supercritical Fluids*, 109 (2016) 95–99.

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L. Songtipya, R. Thongtan, R. Suwanwarangkul, T. Vattanatham, T. Nampitch, Radiation-induced grafting of styrene onto natural rubber latex with high rubber content by Gamma radiation, *Journal of Research in Engineering and Technology*, 5 (2008) 235–244.

Conferences/Meeting and Proceeding :

Songtipya, L., Yoksan, R., Nagabhushanam, K., Majeed, M., Sane, A. Nanoencapsulation of tetrahydrocurcumin in poly(L-lactide) nanoparticles by Rapid Expansion of Subcritical Solutions process**,** *IUPAC World Polymer Congress (MACRO)*, July 6–11 2014, Chiang Mai, Thailand.

Songtipya, L., Sane, A. Influence of rapid expansion processing conditions on co-precipitation of catechin and polylactide nanoparticles, *2013 MRS Spring Meeting and Exhibition*, April 1–5, 2013, San Francisco, California, USA.

Songtipya, L., Sane, A. Nanoencapsulation of catechin in polylactide by rapid expansion of subcritical solution process, *NanoThailand 2012*, April 9–11, 2012, Khon Kaen, Thailand.

Khanoonkon, N., Yokesahachart, C., Songtipya, L., Sane, A., Yoksan, R. Thermoplastic starch-based materials for packaging: Preparation and compounding. *The 2nd Thai-Japan Bioplastics and Biobased Materials Symposium (AI ST-NIA Joint Symposium)*. Impact Exhibition & Convention Center, September 9–11, 2010, Bangkok, Thailand.

Songtipya, L., Thongtan, R., Vattanatham, T., Nampitch, T. Radiation grafting of styrene onto natural rubber latex for a use as a food packaging material, *The 16th IAPRI World Conference on Packaging*, June 8–12, 2008, Bangkok, Thailand.

Book chapter : -

Presentation : -

Supportive experience : -