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PUBLICATIONS

1. Nguyen vu Minh Hanh*, Suphavadee Chimtong, Khin Lay Kyu, and Khanok Ratanakhanokchai. "Screening and isolation of anaerobic thermophilic bacteria for production of sugars from agricultural wastes". **Research work in 2006-2007 UNESCO Postgraduate Inter-University Course in Biotechnology**, supported by the Japanese Ministry of Education, Culture, Sports, Science and Technology and the Japanese National Commission for UNESCO.
2. Arkom Tesnum, Suphavadee Chimtong, Nitnipa Soontorngum, Khin Lay Kyu, Chakrit Tachaapaikoon and Khanok Ratanakhanokchai, 2009, "Study on amylases from thermophilic bacterium *Thermoanaerobacterium* sp. strain NOI-1 and sugar production from raw starch and cassava plup" , **The proceeding of 47th Kasetsart University Annual Conference**, 17-20 March 2009, Kasetsart University, Bangkok, Thailand, p. 36-44
3. Chimtong S., N. Soontorngun, C. Tachaapaikoon, P. Pason, K. L. Kyu and K. Ratanakhanokchai. "Sugar Production from agricultural residues by xylanolytic-cellulolytic enzyme from *Thermoanaerobacterium* sp. strain NOI-19". **Agricultural Sci. J.** 40 : 1 (Suppl.) : 373-376 (2009)
4. Suphavadee Chimtong, Chakrit Tachaapaikoon, Khin Lay Kyu, Akihiko Kosugi, Yutaka Mori and Khanok Ratanakhanokchai, 2009, "Endo-cellulase-free xylanolytic enzymes from thermophilic anaerobic bacterium,

- Thermoanaerobacterium thermosaccharolyticum* strain NOI-1" **The 21st Annual Meeting and International Conference of Thai Society for Biotechnology**, 24-25 September 2009, Queen Sirikit National Convention Center Bangkok, Thailand, p. 25. (Oral presentation, International)
5. Chimtong, S., Tachaapaikoon, C., Pason, P., Kyu, K.L., Kosugi, A., Mori, Y., Ratanakhanokcha, K. 2011. Isolation and characterization of endocellulase-free multienzyme complex from newly isolated *Thermoanaerobacterium thermosaccharolyticum* strain NOI-1. **Journal of Microbiology and Biotechnology**, 21(3), 284-292
 6. สมพิศ สอนโยธา จักรกฤษณ์ เตชะอภัยคุณ สุภาวดี ฉิมทอง กิ่ง เลย์ คุ และ กนก รัตนะ กนกชัย "การผลิตสารมูลค่าสูงจากแกนสับประรด" การประชุมวิชาการและเสนอผลงานวิจัยพืชเขตร้อนและกึ่งร้อน ครั้งที่ 5, วันที่ 21-22 กรกฎาคม 2554 ณ คณะวิทยาศาสตร์และเทคโนโลยี มหาวิทยาลัยหอการค้าไทย
 7. Suphavadee Chimtong, Chakrit Tachaapaikoon, Pathra Pason, Rattiya Waeonukul, Khin Lay Kyu, Akihiko Kosugi, Yutaka Mori and Khanok Ratanakhanokchai, 2012, "Screening and isolation of anaerobic thermophilic biomass degradation bacteria for cellulolytic-xylanolytic enzymes production." **International conference on microbial taxonomy, basic and applied microbiology**, 4-6 October 2012, at Kosa Hotel, Khon Kaen, Thailand, p. 41. (Oral presentation, International)
 8. Suphavadee Chimtong, Chakrit Tachaapaikoon, Pathra Pason, Rattiya Waeonukul, Somphit Sornyotha and Khanok Ratanakhanokchai, 2013, "Characterization of endocellulase-free multienzyme complex from *Thermoanaerobacterium thermosaccharolyticum* strain NOI-1." **Proceeding of RGJ Seminar Series XCII: Field Application of biomass degrading enzyme in industries**, 11 January 2013, King Mongkut's University of Technology Thonburi, Bangkok, Thailand. (Poster presentation)
 9. Suphavadee Chimtong, Chakrit Tachaapaikoon, Pathra Pason, Rattiya Waeonukul, Somphit Sornyotha and Khanok Ratanakhanokchai, 2013, "Symbiotic behavior of co-culturing *Clostridium thermocellum* NKP-2 and *Thermoanaerobacterium thermosaccharolyticum* NOI-1 on corn hull" (Submitting process)

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