**ประวัติ**

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* President, Southeast Asian Division, IADR, 2011-2013
* President, Asia-Pacific Region, IADR, 2012-2013

**Honors and Awards:**

* Top 100th-150th QS World University Ranking by Subject ในสาขาวิชา Material Science ในปี 2015 รวมกัยภาควิชาวัสดุศาสตร์ คณะวิทยาศาสตร์, สถาบันโลหะ, สถาบันปิโตรเคมี
* Top 151st-200th QS World University Ranking by Subject ในสาขาวิชา Material Science ในปี 2016, and 2017 ร่วมกับภาควิชาวัสดุศาสตร์ คณะวิทยาศาสตร์, สถาบันโลหะ สถาบันปิโตรเคมี
* Winner of IADR-Southeast Asian Research Category Award-Oral Maxillofacial Surgery, Oral Pathology & Oral Medicine 2015, 29th Annual Scientific Meeting of IADR Southeast Asian Division, August 14-15th, Discovery Kartika Plaza Hotel, Bali, Indonesia
* Distinguished Service Award, 29th Annual Scientific Meeting of IADR Southeast Asain Division, August 14-15th, Discovery Kartika Plaza Hotel, Bali, Indonesia
* The highest citation 2016, Faculty of Dentistry, Chulalongkorn University
* 2nd place for the highest impact factor publication 2016, Faculty of Dentistry, Chulalongkorn University
* The representative of Asia-Pacific Region to candidate the President (global level) of International Association for Dental Research 2015
* 1st place, the Southest Asian Division- IADR, Unilever Divisional Hatton Award, in 2007, 2013 & 2014 (Dr. Siriwimon Jettanacheawchankit, Dr. Pintu-on Chantarawarati & Dr. Siriporn Songsiriphadapbun, Ph.D students, respectively)
* President, Southeast Asian Division-IADR, 2011-2013
* Chairman, the 2nd meeting of IADR-Asia Pacific Region, Bangkok, Thailand 2013

**Selected peer-reviewed international publication**

1. Thunyaktipisal P, Ruangpornvisuti V, Kengkwasing P, Chokboribal C, Sangvanich P. Acemannan increases NF-kB/DNA binding and IL-6/-8 expression by selectively binding Toll-liked receptor 5 in human gingival fibroblasts. Carbohydrate Polymers 2017; 161:149-157. (IF 4.2)
2. Wijit Banlunara W, Songsiripadapboon S, Jiemsirilers S, Saravari O, Kashima DP, Thunyakitpisal, Brikshavana P, Srisuwan P, Rupunt T, Thunyakitpisal P. Pulp-dentin Complex Response to RU-HBM1, a Novel Resin Modified Glass Ionomer Cement Prototype, in Deep Cavity Preparation of Porcine Teeth. Thai Journal of Veterinary Medicine. 2016; 46: 185-193.
3. Songsiripradubboon S, Banlunara W, Sangvanich P, Trairatvorakul C, **Thunyakitpisal P**. Clinical, radiographic, and histologic analysis of the effects of acemannan used in direct pulp capping of human primary teeth: short-term outcomes. Odontology. 2016; 104:329-332 (IF=1.576)
4. Chokboribal J, Tachaboonyakiat W, Sangvanich P, Rungpornvisuti V, Jettanacheawchankit S, **Thunyakitpisal P**. Deacetylation affects the physical properties and bioactivity of acemannan, an extracted polysaccharide from Aloe vera. Carbohydrate Polymers 2015; 113: 556-566. (IF 4.05)
5. Jansisyanont P, Tiyapongprapan S, Chuenchompoonut V, Sangvanich P, **Thunyakitpisal P**. The effect of acemannan sponge in post-extraction socket healing: A randomized trial. Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology. 2016,28:105-110.
6. Prueksrisakul T, Chantarangsu S, **Thunyakitpisal P**. Effect of daily drinking of Aloe vera gel extract on plasma total antioxidant capacity and oral pathogenic bacteria in healthy volunteer: a short-term study. J Complement Integr Med. 2015; 12(2):159-64.
7. Wattanasirmkit K, Srimaneepong V, Kanchanatawewat K, Monmaturapoj N, **Thunyakitpisal P**, Jinawath S. Improving shear bond strength between feldspathic porcelain and zirconia substructure with lithium disilicate glass-ceramic liner. Dent Mater J. 2015;34(3):302-9.
8. Chantarawaratit P, Sangvanich P, Banlunara W, Soontornvipart K, **Thunyakitpisal P**. Acemannan sponges stimulate alveolar bone, cementum, and periodontal ligament regeneration in a canine class II furcation defect model. Journal of Periodontal Research.2014;49:164-78.
9. Boonyagul S, Banlunara W, Sangvanich P, **Thunyakitpisal** P. [Effect of acemannan, an extracted polysaccharide from Aloe vera, on BMSCs proliferation, differentiation, extracellular matrix synthesis, mineralization, and bone formation in a tooth extraction model.](http://www.ncbi.nlm.nih.gov/pubmed/23315202) Odontology. 2014;102:310-7.
10. Bhalang K, **Thunyakitpisal** P, Rungsirisatean N. [Acemannan, a Polysaccharide Extracted from Aloe vera, Is Effective in the Treatment of Oral Aphthous Ulceration.](http://www.ncbi.nlm.nih.gov/pubmed/23240939) J Altern Complement Med. 2013;19:429-34.
11. Srakaew V, Ruangsri P, Suthin K, **Thunyakitpisal P**, Tachaboonyakiat W.

[Sodium-phosphorylated chitosan/zinc oxide complexes and evaluation of their cytocompatibility: an approach for periodontal dressing.](http://www.ncbi.nlm.nih.gov/pubmed/21750180) J Biomater Appl. 2012;27:403-12.

1. Jittapiromsak N, Sahawat D, Banlunara W, Sangvanich P, **Thunyakitpsial P**. Acemannan, an extracted product from Aloe vera, stimulates dental pulp cell proliferation, differentiation, mineralization, and dentin formation. Tissue Eng Part A. 2010;16:1997-2006.
2. Niyomploy P, **Thunyakitpisal P**, Karnchanatat A, Sangvanich P. [Cell proliferative effect of polyxyloses extracted from the rhizomes of wild turmeric, Curcuma aromatica.](http://www.ncbi.nlm.nih.gov/pubmed/20673181) Pharm Biol. 2010;48:932-7.
3. Jettanacheawchankit S, Sasithanasate S, Sangvanich P, Banlunara W, **Thunyakitpisal P**. Acemannan stimulates gingival fibroblast proliferation; expressions of keratinocyte growth factor-1, vascular endothelial growth factor, and type I collagen; and wound healing. J Pharmacol Sci. 2009; 109:525-31.
4. Jittapiromsak N, Jettanacheawchankit S, Lardungdee P, Sangvanich P, **Thunyakitpsial P**. Effect of Acemannan on BMP-2 expression in primary pulpal fibroblasts and periodontal fibroblasts, in vitro study. J Oral Tissue Engin 2007;4:149-54.
5. **Thunyakitpisal P**, Chaisuparat R. Simvastatin, an HMG-CoA reductase inhibitor, reduced the expression of matrix metalloproteinase-9 (gelatinase B) in osteoblastic cells and HT1080 fibrosarcoma cells. J Pharmacol Sci 2004; 94:403-9.
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7. **Thunyakitpisal P**, Alvarez M, Tokunaga K, Onyia JE, Hock J, Ohashi N, Feister H, Rhodes SJ, Bidwell JP. Cloning and functional analysis of a family of nuclear matrix transcription factors (NP/NMP4) that regulate type I collagen expression in osteoblasts. J Bone Miner Res.2001;16:10-23.
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