

Curriculum Vitae

Namon Hiron



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Education:

2013 Doctor of Philosophy (Pharmaceutical Sciences), Prince of Songkla University, Thailand

2008 Bachelor of Pharmacy (First Class Honours), Khon Kaen University, Thailand

Academic Appointment:

2019 - Present	Associate Professor	Faculty of Pharmacy, Thammasat University, Thailand
2018 - 2019	Associate Professor	School of Pharmacy, Walailak University, Thailand
2016 - 2018	Assistant Professor	School of Pharmacy, Walailak University, Thailand
2013 - 2016	Lecturer	School of Pharmacy, Walailak University, Thailand

Research Interests:

- Pharmaceutical Polymers and Biomaterials
- Physicochemical Characterization of Drug & Polymers
- Pharmaceutical Analysis

Publications:

1. Namon Hiron, Vimon Tantishaiyakul, Tanatchaporn Sangfai, Passaporn Ouiyangkul, Lin Li. In Situ Mucoadhesive Hydrogel Based on Methylcellulose/Xyloglucan for Periodontitis, *Journal of Sol-Gel Science and Technology*, 2019; 89(2): 531–542.

2. Napat Kongtaworn, Namon Hirun, Vimon Tantishaiyakul, Thanyada Rungrotmongkol, Supaporn Dokmaisrijan. Molecular Aggregation of Four Modified Xyloglucan Models in Aqueous Solution, *Chiang Mai Journal of Science*, 2018; 45(5): 2201-2210.
3. Vimon Tantishaiyakul, Passaporn Ouiyangkul, Makawan Wajasat, Tasana Pawisat, Namon Hirun, Tanatchaporn Sangfai. A Supramolecular Gel Based on 12-Hydroxystearic Acid/Virgin Coconut Oil for Injectable Drug Delivery, *European Journal of Lipid Science and Technology*, 2018; 120(10): 1800178.
4. Wannisa Boonlai, Vimon Tantishaiyakul, Namon Hirun, Tanatchaporn Sangfai, Krit Suknuntha. Thermosensitive Poloxamer 407/Poly(Acrylic Acid) Hydrogels with Potential Application as Injectable Drug Delivery System, *AAPS PharmSciTech*, 2018; 19(5), 2103-2117.
5. Aparna Sai Laxmi Rangabhatla, Vimon Tantishaiyakul, Onpreeya Boonrat, Namon Hirun, Passaporn Ouiyangkul. Novel In Situ Mucoadhesive Gels Based on Pluronic F127 and Xyloglucan Containing Metronidazole for Treatment of Periodontal Disease, *Iranian Polymer Journal*, 2017; 26(11), 851-859.
6. Wannisa Boonlai, Vimon Tantishaiyakul, Namon Hirun, Suppalak Phaisan, Thitima Uma. The Effect of the Preservative Methylparaben on the Thermoresponsive gelation Behavior of Aqueous Solutions of Poloxamer 407, *Journal of Molecular Liquids*, 2017; 240, 622-629.
7. Tanatchaporn Sangfai, Vimon Tantishaiyakul, Namon Hirun, Lin Li. Microphase Separation and Gelation of Methylcellulose in the Presence of Gallic Acid and NaCl as an In Situ Gel-Forming Drug Delivery System, *AAPS PharmSciTech*, 2017; 18, 605-616.
8. Tanatchaporn Sangfai, F Dong, Vimon Tantishaiyakul, KD Jandt, C Lüdecke, Onpreeya Boonrat, Namon Hirun. Layer-by-Layer Gelatin/Chitosan Polyelectrolyte Coated Nanoparticles on Ti Implants for Prevention of Implant-Associated Infections, *eXPRESS Polymer Letters*, 2017; 11, 73-82.
9. Namon Hirun, Vimon Tantishaiyakul, Tanatchaporn Sangfai, Supagorn Rugmai, Siriwat Soontaranon. Nano-Structure, Phase Transition and Morphology of Gallic Acid and Xyloglucan Hydrogel, *Polymer Bulletin*, 2016; 73, 2211-2226.
10. Tanatchaporn Sangfai, Vimon Tantishaiyakul, Namon Hirun, Lin Li. Preparation and Characterization of **K**-Carrageenan and Xyloglucan Blends for Sustained Release of a Hydrophilic Drug, *Polymer Bulletin*, 2015; 72, 1647-1661.

11. Klaewklod, A., Tantishaiyakul, V., Sangfai, T., Hirun, N., & Rugmai, S. (2015). Chemometric and Experimental Investigations of Organogelation Based on Beta-Cyclodextrin, *Advanced Materials Research*, 2015; 1060, 133-136.
12. Amornrat Klaewklod, Vimorn Tantishaiyakul, Namon Hirun, Tanatchaporn Sangfai, Lin Li. Characterization of Supramolecular Gels Based on β -Cyclodextrin and Polyethyleneglycol and Their Potential Use for Topical Drug Delivery, *Materials Science and Engineering: C*, 2015; 50, 242-250.
13. Namon Hirun, Tanatchaporn Sangfai, Vimorn Tantishaiyakul. Characterization of Freeze-Dried Gallic Acid/Xyloglucan, *Drug Development and Industrial Pharmacy*, 2015; 41, 194-200.
14. Vimorn Tantishaiyakul, Supaporn Dokmaisrijan, Tanatchaporn Sangfai, Namon Hirun, Lin Li, Samon Juntarapet, Krit Suknuntha. Investigation of the Efficiency of Gelation of Melamine with the Positional Isomers of Aminobenzoic Acid, *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, 2014; 446, 118-126.
15. Namon Hirun, Supaporn Dokmaisrijan, Vimorn Tantishaiyakul. Experimental FTIR and Theoretical Studies of Gallic Acid–Acetonitrile Clusters, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 2012; 86, 93-100.
16. Namon Hirun, Hongqian Bao, Lin Li, G. Roshan Deen, Vimorn Tantishaiyakul. Micro-DSC, Rheological and NMR Investigations of the Gelation of Gallic Acid and Xyloglucan, *Soft Matter*, 2012; 8(27), 7258-7268
17. Namon Hirun, Supagorn Rugmai, Tanatchaporn Sangfai, Vimorn Tantishaiyakul. SAXS and ATR-FTIR Studies on EBT–TSX Mixtures in Their Sol–Gel Phases, *International Journal of Biological Macromolecules*, 2012; 51(4), 423-430.
18. Namon Hirun, Saowanit Saithong, Chaveng Pakawatchai, Vimorn Tantishaiyakul. 3,4,5-Trihydroxybenzoic Acid, *Acta Crystallographica Section E*, 2011; 67(4), o787.
19. Namon Hirun, Vimorn Tantishaiyakul, Wiwat Pichayakorn. Effect of Eriochrome Black T on the Gelatinization of Xyloglucan Investigated Using Rheological Measurement and Release Behavior of Eriochrome Black T from Xyloglucan Gel Matrices, *International Journal of Pharmaceutics*, 2010; 38, 196-201.