

ข้อมูลอาจารย์มหาวิทยาลัยเกษตรศาสตร์

ชื่อ นายธรรมกร แซ่ตั้ง	
ตำแหน่งทางวิชาการ ผู้ช่วยศาสตราจารย์	สังกัด ภาควิชาวิทยาการคอมพิวเตอร์ คณะวิทยาศาสตร์
การดำรงตำแหน่งบริหาร ม.ค. 2567 - ม.ค. 2571 รองหัวหน้าภาควิชาวิทยาการคอมพิวเตอร์ คณะวิทยาศาสตร์	
การศึกษา Doctor of philosophy in engineering, Kanazawa University, Japan, 2013	
สาขาเชี่ยวชาญ/สนใจ ชีวสารสนเทศ, วิทยาการข้อมูล	
งานสอน Computational Linguistic Computer Science Project Digital Technology Skills Health Data Science Information Technology for Entrepreneurs LISP Programming Programming for Biomedical Data Science Seminar Software Construction Statistical Data Science Statistical Programming	
บทความวิจัยในวารสารวิชาการ ระดับนานาชาติ	
<ul style="list-style-type: none"> - Thammakorn Saethang, D. Michael Payne, Yingyos Avihingsanon, Trairak Pisitkun, "A machine learning strategy for predicting localization of post-translational modification sites in protein-protein interacting regions", BMC Bioinformatics 17 (1) (2016) 1-15 - Luca Cannizzaro, Giuseppe Rossoni, Federica Savi, Alessandra Altomare, Cristina Marinello, Thammakorn Saethang, Marina Carini, D. Michael Payne, Trairak Pisitkun, G. Aldini, Asada Leelahavanichkul, "Regulatory landscape of AGE-RAGE-oxidative stress axis and its modulation by PPARγ activation in high fructose diet-induced metabolic syndrome", Nutrition and Metabolism 14 (1) (2017) 1-13 - Thammakorn Saethang, Kenneth Hodge¹, Ingorn Kimkong, D. Michael Payne, Mark A. Knepper, ไตรรงค์ พิสิษฐ์กุล, "AbDesigner3D: a structure-guided tool for peptide-based antibody production", Bioinformatics 34 (12) (2018) 2158-2160 - Thammakorn Saethang, Kenneth Hodge, Chin-Rang Yang, Yue Zhao, Ingorn Kimkong, Mark A. Knepper, ไตรรงค์ พิสิษฐ์กุล, "PTM-Logo: a program for generation of sequence logos based on position-specific background amino-acid probabilities", Bioinformatics 35 (24) (2019) 5313-5314 - Asama Vanichtantikul, Kenneth G. Hodge, Poorichaya Somporn, Thammakorn Saethang, Surang Triratanachat, Trairak Pisitkun, Ruangsak Lertkhachonsuk, "Proteomic identification of predictive biomarkers for malignant transformation in complete hydatidiform moles", Placenta 77 (1) (2019) 58-64 - Sacarin Bunbanjerdasuk, Nutchavadee Vorasan, Thammakorn Saethang, Tanjitti Pongrujijkorn, Duangjai Pangpunyakulchai, Narongsak Mongkonsiri, Lalida Arsa, Nintita Thokanit, Warut Pongsapich, Tauangtham Anekpuranang, Nuttapong Ngamphaiboon, Artit Jinawath, Somkiat Sunpaweravong, Trairak Pisitkun, Bhoom Suktitipat, Natini Jinawath, "Oncoproteomic and gene expression analyses identify prognostic biomarkers for second primary malignancy in patients with head and neck squamous cell carcinoma", Modern Pathology 32 (7) (2019) 943-956 - Dhammika LeshanWannigama, Cameron Hurst, Lachlan Pearson, Thammakorn Saethang, Uthaibhorn Singkham-in, Sirirat Luk-in, Robin James Storer, Tanittha Chatsuwana, "Simple fluorometric-based assay of antibiotic effectiveness for Acinetobacter baumannii biofilms", Scientific Reports, Nature 9 (1) (2019) 1-14 - Dhammika Leshan Wannigama, Cameron Hurst, Parichart Hongsing, Lachlan Pearson, Thammakorn Saethang, Naphat Chantaravisoot, Uthaibhorn Singkham-in, Sirirat Luk-in, Robin James Storer, Tanittha Chatsuwana, "A rapid and simple method for routine determination of antibiotic sensitivity to biofilm populations of Pseudomonas aeruginosa", Annals of clinical microbiology and antimicrobials 19 (1) (2020) 8-1-8 - Wannigama, D.L., Amarasiri, M., Hurst, C., Phattharapornjaroen, P., Abe, S., Hongsing, P., Rad, S.M.A.H., Pearson, L., Thammakorn Saethang, Luk-in, S., Kueakulpattana, N., Storer, R.J., Puey Ounjai, Jacquet, A., Leelahavanichkul, A., Chatsuwana, T., "Tracking COVID-19 with wastewater to understand asymptomatic transmission", International Journal of Infectious Diseases 108 (-) (2021) 296-299 - Naris Kueakulpattana, Dhammika Leshan Wannigama, Sirirat Luk-in, Parichart Hongsing, Cameron Hurst, Vishnu Nayak Badavath, Piroon Jenjaroenpun, Thidathip Wongsurawat, Nipat Teeratakulpisan, Stephen J. Kerr, Shuichi Abe, Phatthranit Phattharapornjaroen, Aye Mya Sithu Shein, Thammakorn Saethang, Naphat Chantaravisoot, Mohan Amarasiri, Paul G. Higgins, Tanittha Chatsuwana, "Multidrug-resistant Neisseria gonorrhoeae infection in heterosexual men with reduced susceptibility to ceftriaxone, first report in Thailand", Scientific Report 11 (1) (2021) - Aye Mya Sithu Shein, Dhammika Leshan Wannigama, Paul G. Higgins, Cameron Hurst, Shuichi Abe, Parichart Hongsing, Naphat Chantaravisoot, Thammakorn Saethang, Sirirat Luk-in, Tingting Liao, Sumanee Nilgate, Ubolrat Rirerm, Naris Kueakulpattana, Matchima Laowansiri, Sukrit Srisakul, Netchanok Muhummudaree, Teerasit Techawiwattanaboon, Lin Gan, Chenchen Xu, Rosalyn Kupwiwat, Phatthranit Phattharapornjaroen, Rojrit Rojanathanes, Asada Leelahavanichkul, Tanittha Chatsuwana, "Novel colistin-EDTA combination for successful eradication of colistin-resistant Klebsiella pneumoniae catheter-related biofilm infections", Scientific Report 11 (1) (2021) 21676 	

ข้อมูลอาจารย์มหาวิทยาลัยเกษตรศาสตร์

ชื่อ นายธรรมกร แซ่ตั้ง	
ตำแหน่งทางวิชาการ ผู้ช่วยศาสตราจารย์	สังกัด ภาควิชาวิทยาการคอมพิวเตอร์ คณะวิทยาศาสตร์

- Choksawangkar, W., Sriswasdi, S., Kalpongkukul, N., Wongkongkathep, P., Thammakorn Saethang, Chanhom, L., Laoungbua, P., Khaw, O., Sumontha, M., Chaiyabutr, N., Sitprija, V., Pisitkun, T., "Combined proteomic strategies for in-depth venom analysis of the beaked sea snake (*Hydrophis schistosus*) from Songkhla Lake, Thailand", *Journal of Proteomics* 259 (-) (2022)

- Srisakul, S., Wannigama, D.L., Higgins, P.G., Hurst, C., Abe, S., Hongsing, P., Thammakorn Saethang, Luk-in, S., Liao, T., Kueakulpattana, N., Shein, A.M.S., Gan, L., Kupwiwat, R., Tanasatichai, C., Wapeesittipan, P., Phattharapornjaroen, P., Badavath, V.N., Leelahavanichkul, A., Chatsuwat, T., "Overcoming addition of phosphoethanolamine to lipid A mediated colistin resistance in *Acinetobacter baumannii* clinical isolates with colistin-subactam combination therapy", *Scientific Reports* 12 (1) (2022)

- Shein, A.M.S., Wannigama, D.L., Higgins, P.G., Hurst, C., Abe, S., Hongsing, P., Chantaravisoot, N., Thammakorn Saethang, Luk-in, S., Liao, T., Nilgate, S., Rirerm, U., Kueakulpattana, N., Srisakul, S., Aryukarn, A., Laowansiri, M., Hao, L.Y., Yonpiam, M., Ragupathi, N.K.D., Techawiwattanaboon, T., Ngamwongsatit, N., Amarasiri, M., Puey Ounjai, Kupwiwat, R., Phattharapornjaroen, P., Badavath, V.N., Leelahavanichkul, A., Kicic, A., Chatsuwat, T., "High prevalence of mgrB-mediated colistin resistance among carbapenem-resistant *Klebsiella pneumoniae* is associated with biofilm formation, and can be overcome by colistin-EDTA combination therapy", *Scientific Reports* 12 (1) (2022)

- Thammakorn Saethang, Somparn, P., Payungporn, S., Sriswasdi, S., Yee, K.T., Hodge, K., Knepper, M.A., Chanhom, L., Khaw, O., Chaiyabutr, N., Sitprija, V., Pisitkun, T., "Identification of *Daboia siamensis* venom using integrated multi-omics data", *Scientific reports* 12 (1) (2022) 13140

- Wannigama, D.L., Amarasiri, M., Hongsing, P., Hurst, C., Modchang, C., Chadsuthi, S., Anupong, S., Phattharapornjaroen, P., S.M., A.H.R., Fernandez, S., Huang, A.T., Kueakulpattana, N., Tanasatichai, C., Vatanaprasan, P., Thammakorn Saethang, Luk-in, S., Storer, R.J., Puey Ounjai, Ragupathi, N.K.D., Kanthawee, P., Sano, D., Furukawa, T., Sei, K., Leelahavanichkul, A., Kanjanabuch, T., Hirankarn, N., Higgins, P.G., Kicic, A., Chatsuwat, T., McLellan, A.D., Abe, S., "Multiple traces of monkeypox detected in non-sewered wastewater with sparse sampling from a densely populated metropolitan area in Asia", *Science of the Total Environment* 858 (2023)

- Wannigama, D.L., Amarasiri, M., Hongsing, P., Hurst, C., Modchang, C., Chadsuthi, S., Anupong, S., Phattharapornjaroen, P., Rad S. M., A.H., Fernandez, S., Huang, A.T., Vatanaprasan, P., Jay, D.J., Thammakorn Saethang, Luk-in, S., Storer, R.J., Ounjai, P., Devanga Ragupathi, N.K., Kanthawee, P., Sano, D., Furukawa, T., Sei, K., Leelahavanichkul, A., Kanjanabuch, T., Hirankarn, N., Higgins, P.G., Kicic, A., Singer, A.C., Chatsuwat, T., Trowsdale, S., Abe, S., McLellan, A.D., Ishikawa, H., "COVID-19 monitoring with sparse sampling of sewerage and non-sewerage wastewater in urban and rural communities", *iScience* 26 (7) (2023)

- Wannigama, D.L., Sithu Shein, A.M., Hurst, C., Monk, P.N., Hongsing, P., Phattharapornjaroen, P., Fox Ditcham, W.G., Ounjai, P., Thammakorn Saethang, Chantaravisoot, N., Wapeesittipan, P., Luk-in, S., Sae-Joo, S., Nilgate, S., Rirerm, U., Tanasatichai, C., Kueakulpattana, N., Laowansiri, M., Liao, T., Kupwiwat, R., Rojanathanes, R., Ngamwongsatit, N., Tungsanga, S., Leelahavanichkul, A., Devanga Ragupathi, N.K., Badavath, V.N., Hosseini Rad, S.M.A., Kanjanabuch, T., Hirankarn, N., Storer, R.J., Cui, L., Amarasiri, M., Ishikawa, H., Higgins, P.G., Stick, S.M., Kicic, A., Chatsuwat, T., Abe, S., "Ca-EDTA restores the activity of ceftazidime-avibactam or aztreonam against carbapenemase-producing *Klebsiella pneumoniae* infections", *iScience* 26 (7) (2023)

- Wannigama, D.L., Amarasiri, M., Phattharapornjaroen, P., Hurst, C., Modchang, C., Chadsuthi, S., Anupong, S., Miyanaga, K., Cui, L., Thuptimjang, W., Ali Hosseini Rad, S.M., Fernandez, S., Huang, A.T., Vatanaprasan, P., Jay, D.J., Thammakorn Saethang, Luk-In, S., Storer, R.J., Ounjai, P., Ragupathi, N.K.D., Kanthawee, P., Sano, D., Furukawa, T., Sei, K., Leelahavanichkul, A., Kanjanabuch, T., Higgins, P.G., Nanbo, A., Kicic, A., Singer, A.C., Chatsuwat, T., Trowsdale, S., Siow, R., Shibuya, K., Abe, S., Ishikawa, H., Hongsing, P., "Tracing the transmission of mpox through wastewater surveillance in Southeast Asia", *Journal of travel medicine* 30 (5) (2023)

- Shein, A.M.S., Wannigama, D.L., Hurst, C., Monk, P.N., Amarasiri, M., Badavath, V.N., Phattharapornjaroen, P., Ditcham, W.G.F., Ounjai, P., Thammakorn Saethang, Chantaravisoot, N., Thuptimjang, W., Luk-in, S., Nilgate, S., Rirerm, U., Tanasatichai, C., Kueakulpattana, N., Laowansiri, M., Liao, T., Kupwiwat, R., Rojanathanes, R., Ngamwongsatit, N., Thammahong, A., Ishikawa, H., Pletzer, D., Leelahavanichkul, A., Ragupathi, N.K.D., Wapeesittipan, P., Ali Hosseini Rad, S.M., Kanjanabuch, T., Storer, R.J., Miyanaga, K., Cui, L., Hamamoto, H., Higgins, P.G., Kicic, A., Chatsuwat, T., Hongsing, P., Abe, S., "Novel intranasal phage-CaEDTA-ceftazidime/avibactam triple combination therapy demonstrates remarkable efficacy in treating *Pseudomonas aeruginosa* lung infection", *Biomedicine and Pharmacotherapy* 168 (2023)

- Standa Na, Dhammika Leshan Wannigama, Thammakorn Saethang, "Antimicrobial peptides recognition using weighted physicochemical property encoding", *Journal of Bioinformatics and Computational Biology* 21 (2) (2023) 2350006-1-2350006-19

- Anupong, S., Chadsuthi, S., Hongsing, P., Hurst, C., Phattharapornjaroen, P., Rad S.M., A.H., Fernandez, S., Huang, A.T., Vatanaprasan, P., Thammakorn Saethang, Luk-in, S., Storer, R.J., Ounjai, P., Devanga Ragupathi, N.K., Kanthawee, P., Ngamwongsatit, N., Badavath, V.N., Thuptimjang, W., Leelahavanichkul, A., Kanjanabuch, T., Miyanaga, K., Cui, L., Nanbo, A., Shibuya, K., Kupwiwat, R., Sano, D., Furukawa, T., Sei, K., Higgins, P.G., Kicic, A., Singer, A.C., Chatsuwat, T., Trowsdale, S., Abe, S., Ishikawa, H., Amarasiri, M., Modchang, C., Wannigama, D.L., "Exploring indoor and outdoor dust as a potential tool for detection and monitoring of COVID-19 transmission", *iScience* 27 (3) (2024)

บทความวิจัยในการประชุมวิชาการ

ระดับนานาชาติ

- Peachyasitt Udomnuchaisup, Aurawan Imsombut, Picha Suwannahitatorn, Thammakorn Saethang, "Analysis of the 5Rs in Thailand Medication Error Classification through Natural Language Processing", *The 20th International Joint Conference on Computer Science and Software Engineering (JCSSE 2023)* (2023)

ข้อมูลอาจารย์มหาวิทยาลัยเกษตรศาสตร์

ชื่อ นายธรรมกร แซ่ตั้ง	
ตำแหน่งทางวิชาการ ผู้ช่วยศาสตราจารย์	สังกัด ภาควิชาวิทยาการคอมพิวเตอร์ คณะวิทยาศาสตร์
- Dittaphong Prapunwattana, Aurawan Imsombut, Picha Suwannahitorn, Thammakorn Saethang, "An Evaluation Of Hospital Accreditation From The Survey With Text Vector Analysis Techniques", The 20th International Joint Conference on Computer Science and Software Engineering (JCSSE 2023) (2023)	

ผลงานวิจัยนี้เป็นรายการรวบรวมระหว่างปี 1 มกราคม 2559 - 22 กรกฎาคม 2567