

	Asst.Prof. Dr. Panuroot Aguilar	
	PRESENT APPOINTMENT	
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	Research profile	Research Dentistry TU > Scopus > Researcher ID > ORCID
	Research Theme	
	Areas of Research Expertise	วิทยาเอนโดดอนต์ และชีววิทยาพื้นฐานที่เกี่ยวข้องกับงานทางวิทยาเอนโดดอนต์

Research funding

Proposal	funding	Amount	Year
MMP-8 enzyme production in cariously exposed irreversible pulpitis	Thammasat University	250,000	2025
NTIMICROBIAL ACTIVITY OF SILVER NANOPARTICLES SYNTHESIZED FROM <i>BOESENBERGIA ROTUNDA</i> AGAINST <i>STREPTOCOCCUS GORDONII</i> - <i>ACTINOMYCES VISCOSUS</i> DUAL-SPECIES BIOFILM	Dentistry Thammasat University	300,000	2025

Presentation of academic

Title	Presentation	funding	About	Year

PUBLICATIONS

Scopus

1	<p><u>Effect of Time-Lapse between Intermediate Restoration and Final Restoration on Survival Rate and Changing of Radiographic Periapical Lesion</u></p> <p><u>Aguilar, P., Hong, T., Tangthong, P., ... Pinchamnankool, K., Phumpatprakom, P.</u></p> <p><u>European Journal of General Dentistry, 14(2), pp. 219–226</u></p> <p>2024</p>
2	<p><u>The Effect of Canal Curvature and Different Manufacturing Processes of Five Different NiTi Rotary Files on Cyclic Fatigue Resistance</u></p> <p><u>Phumpatprakom, P., Klaisiri, A., Techapatiphandee, S., Saekow, T., Aguilar, P.</u></p> <p><u>European Journal of General Dentistry</u></p> <p>2024</p>
3	<p><u>Effect of autoclave sterilization on cyclic fatigue of EdgeTaper platinum and ProTaper gold nickel-titanium rotary instruments: An in vitro study</u></p> <p><u>Phumpatprakom, P., Klinsontorn, N., Jutrakulkeeree, T., ... Klaisiri, A., Aguilar, P.</u></p> <p><u>Saudi Endodontic Journal, 12(1), pp. 114–119</u></p>

	2022
4	<p><u>Effects of lipopolysaccharide on proliferation, migration and osteogenic differentiation of apical papilla cells from early and late stage of root development</u></p> <p><u>Aguilar, P., Mahanonda, R., Sa-Ard-Iam, N., Lertchirakarn, V.</u> <u>Australian Endodontic Journal</u>, 47(2), pp. 281–289 2021</p>
5	<p><u>Antitumor effects of fucoidan via apoptotic and autophagic induction on HSC-3 oral squamous cellcarcinoma</u></p> <p><u>Chantree, P., Surarak, T., Sangpairoj, K., Aguilar, P., Hitakomate, E.</u> <u>Asian Pacific Journal of Cancer Prevention</u>, 21(8), pp. 2469–2477 2020</p>
6	<p><u>Cleaning ability of XP Endo-finisher R, Passive Ultrasonic Irrigation and Conventional Filing Method to Remove Precipitated Parachloroaniline</u></p> <p><u>Phumpatrakom, P., Phongphayukloed, K., Chongcharoen, S., Sumritvanitcha, S., Aguilar, P.</u> <u>Journal of International Dental and Medical Research</u>, 13(4), pp. 1281–1285 2020</p>
7	<p><u>Effects of Lipopolysaccharide on the Proliferation and Osteogenic Differentiation of Stem Cells from the Apical Papilla</u></p> <p><u>Lertchirakarn, V., Aguilar, P.</u> <u>Journal of Endodontics</u>, 43(11), pp. 1835–1840 2017</p>
8	<p><u>Comparison of stem cell behaviors between indigenous high and low-CD24 percentage expressing cells of stem cells from apical papilla (SCAPs)</u></p> <p><u>Aguilar, P., Lertchirakarn, V.</u> <u>Tissue and Cell</u>, 48(5), pp. 397–406 2016</p>
9	<p><u>Notch signaling is involved in neurogenic commitment of human periodontal ligament-derived mesenchymal stem cells</u></p> <p><u>Osathanon, T., Manokawinchoke, J., Nowwarote, N., ... Palaga, T., Pavasant, P.</u> <u>Stem Cells and Development</u>, 22(8), pp. 1220–1231 2013</p>
10	<p><u>Vital pulp therapy in vital permanent teeth with cariously exposed pulp: A systematic review</u></p> <p><u>Aguilar, P., Linsuwanont, P.</u> <u>Journal of Endodontics</u>, 37(5), pp. 581–587 2011</p>

TCI

1	<p>Comparison of Debris Extrusion, Completeness of Removal and Operation Time in Different Rotational Speed of Root Canal Filling Removal by XP-endo Finisher R File</p> <p><i>Panuroot Aguilar, Tanaporn Samerpark, Boonchanit Noppachatsatid, Kamonsant Krathong</i></p> <p><u>Khon Kaen University Dental Journal</u> Volume 23, Issue 2, 2020, pp. 57-65</p>
2	<p>The average bucco-lingual width of the edentulous alveolar ridge in maxilla and mandible in a of Thai population</p> <p><i>Panuroot Aguilar, W. Cheangtawan, O. Kaewplung</i></p> <p><u>Chulalongkorn University Dental Journal</u> Volume 27, Issue 1, 2004, pp. 69-85</p>