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	PRESENT APPOINTMENT	
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	Research profile	Research Dentistry TU > Scopus > Researcher ID > ORCID
	Research Theme	
Areas of Research Expertise	Oral and Maxillofacial Surgery	

Research funding

Proposal	funding	Amount	Year

Presentation of academic

Title	Presentation	funding	About	Year

PUBLICATIONS

Scopus

1	<p><u>Clinical challenges of biomechanical performance of narrow-diameter implants in maxillary posterior teeth in aging patients: A finite element analysis</u></p> <p>Prasitwuttisak, S., Chantarapanich, N., Apinyauppatham, K., Poomparnich, K., Ingham, S.</p> <p><u>Plos One</u>, 19(3), pp. 1–17, e0299816</p> <p>2024</p>
2	<p><u>Effects of Oral Cavity Stem Cell Sources and Serum-Free Cell Culture on Hydrogel Encapsulation of Mesenchymal Stem Cells for Bone Regeneration: An In Vitro Investigation</u></p> <p>Arpornmaeklong, P., Boonyuen, S., Apinyauppatham, K., Pripatnanont, P.</p> <p><u>Bioengineering</u>, 11(1), 59</p> <p>2024</p>
3	<p><u>Property and biological effects of the cuttlebone derived calcium phosphate particles, a potential bioactive bone substitute material</u></p> <p>Tangsuksant, T., Ummartyotin, S., Pongprayoon, T., Arpornmaeklong, P., Apinyauppatham, K.</p> <p><u>Journal of Biomedical Materials Research Part B Applied Biomaterials</u>, 111(6), pp. 1207–1223</p> <p>2023</p>
4	<p><u>Effects of Calcium Carbonate Microcapsules and Nanohydroxyapatite on Properties of Thermosensitive Chitosan/Collagen Hydrogels</u></p> <p>Arpornmaeklong, P., Jaiman, N., Apinyauppatham, K., Fuongfuchat, A., Boonyuen, S.</p> <p><u>Polymers</u>, 15(2), 416</p> <p>2023</p>

5	<p><u>Biologic effects of biosynthesized Oroxylum indicum/silver nanoparticles on human periodontal ligament stem cells</u></p> <p><u>Prapaipittayakhun, J., Boonyuen, S., Zheng, A.L.T., Apinyauppatham, K., Arpornmaeklong, P. Opennano, 9, 100117</u></p> <p>2023</p>
6	<p><u>Characteristics and biologic effects of thermosensitive quercetin-chitosan/collagen hydrogel on human periodontal ligament stem cells</u></p> <p><u>Arpornmaeklong, P., Sareethammanuwat, M., Apinyauppatham, K., Boonyuen, S. Journal of Biomedical Materials Research Part B Applied Biomaterials, 109(10), pp. 1656–1670</u></p> <p>2021</p>

TCI

1	<p>Reconstruction of orbital floor fractures with 3D pre-bent titanium mesh: report of two cases</p> <p><i>Buntoon Sitthikornsawat, Komsan Apinyauppatham</i></p> <p><u>Royal Thai Army Medical Journal</u> Volume 75, Issue 3, 2022, pp. 185-196</p>
2	<p>Surgeryfirst approach in orthognathic surgery</p> <p><i>Udom Wongwaithongdee, Parichat Limsuvan, Komsan Apinyauppatham, Kopchai Poomparnich</i></p> <p><u>Thammasat Medical Journal</u> Volume 18, Issue 2, 2018, pp. 229-239</p>