Asst.Prof.Dr. Kamolparn Pugdee

PRESENT APPOINTMENT	
Division	Oral Biology Faculty of Dentistry ThammasatUniversity
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Research profile	Research Dentistry TU > Scopus > Researcher ID > ORCID
Research Theme	
Areas of Research Expertise	Dental materials, Oral biology, Molecular biology

Research funding

Proposal	funding	Amount	Year
Effects of Porphyromonas gingivalis lipopolysaccharide on the proliferation and invasion of cisplatin-resistant primary and metastatic head and neck squamous cell carcinoma cell lines	Thammasat University Research Fund	250,000	2024

Presentation of academic

Title	Presentation	funding	About	Year

PUBLICATIONS

Scopus

1	**The Association Between Periodontitis and Respiratory Diseases: A Comprehensive Review** Wongkamhaeng, K., Henprasert, P., Krauvattanavej, C., ... Phansaichua, P., Pugdee, K. Oral Sciences Reports, 45(3), pp. 27–38 2024
2	**The viability of human dental pulp cells and apical papilla cells after treatment with conventional calcium hydroxide and nanoparticulate calcium hydroxide at various concentrations** Pugdee, K., Klaisiri, A., Phumpatrakom, P. Saudi Dental Journal, 35(8), pp. 1000–1006 2023
3	**Role of Tumor-Associated Macrophages on Cathepsin-B, Cathepsin-D, MMP-2, and MMP-9 in HSC-3 Oral Cancer Cells** Pugdee, K., Wongpattaraworakul, W., Hitakomate, E. Journal of International Dental and Medical Research, 14(1), pp. 156–162 2021
4	**Cellular responses of histatin-derived peptides immobilized titanium surface using a tresyl chloride-activated method** Siwakul, P., Sirinnaphakorn, L., Suwanprateep, J., Hayakawa, T., Pugdee, K. Dental Materials Journal, 40(4), pp. 934–941, dmj/2020-307

	2021
5	**Porphyromonas gingivalis lipopolysaccharide-induced macrophages modulate proliferation and invasion of head and neck cancer cell lines** Utispan, K., Pugdee, K., Koontongkaew, S. Biomedicine and Pharmacotherapy, 101, pp. 988–995 2018
6	**Propolis extracted from the stingless bee Trigona sirindhornae Inhibited S. mutans activity in vitro** Utispan, K., Chitkul, B., Monthanapisut, P., ... Pugdee, K., Koontongkaew, S. Oral Health and Preventive Dentistry, 15(3), pp. 279–284 2017
7	**Sandblasting and fibronectin-derived peptide immobilization on titanium surface increase adhesion and differentiation of osteoblast-like cells (MC3T3-E1)** Pramono, S., Pugdee, K., Suwanprateep, J., Koontongkaew, S. Journal of Dental Sciences, 11(4), pp. 427–436 2016
8	**Discoidin domain receptor-1 gene expression of osteoblasts on fibronectin coated titanium disks** Tsutsumi, H., Pugdee, K., Hayakawa, T., Abiko, Y. Journal of Hard Tissue Biology, 18(1), pp. 13–18 2009
9	**Gene expression monitoring in osteoblasts on titanium coated with fibronectin-derived peptide** Yamamichi, N., Pugdee, K., Chang, W.-J., ... Hayakawa, T., Abiko, Y. Dental Materials Journal, 27(5), pp. 744–750 2008
10	**Effects of reactive oxygen species (ROS) on antioxidant system and osteoblastic differentiation in MC3T3-E1 cells** Arai, M., Shibata, Y., Pugdee, K., Abiko, Y., Ogata, Y. IUBMB Life, 59(1), pp. 27–33 2007
11	**Gene expression of MC3T3-E1 Cells on fibronectin-immobilized titanium using tresyl chloride activation technique** Pugdee, K., Shibata, Y., Yamamichi, N., ... Abiko, Y., Hayakawa, T. Dental Materials Journal, 26(5), pp. 647–655 2007

TCI

1	The Association Between Periodontitis and Respiratory Diseases: A Comprehensive Review *Kan Wongkamhaeng, Pantip Henprasert, Chayanit Krauvattanavej, Phantira Orankijpaiboon, Phattariya Phansaichua, Kamolparn Pugdee* Oral Sciences Reports Volume 45, Issue 3, 2024, pp. 27-38
2	Inflammatory responses in Porphyromonas gingivalis lipopolysaccharide activated MCF-7 breast cancer cells *Kamolparn Pugdee, Kusumawadee Utispan, Sittichai Koontongkaew* Thai Journal of Oral and Maxillofacial Surgery Volume 33, Issue 2, 2019, pp. 118-125
3	Effects of monocyte conditioning medium induced by Porphyromonas gingivalis lipopolysaccharides on proliferation, invasion and apoptosis of head and neck cancer cell lines *Arnit Toneluck, Sittichai Koontongkaew, Kamolparn Pugdee* Thammasat Medical Journal Volume 19, Issue Supplement August 2019, 2019, pp. S22-S29
4	Effect of Zingiber cassumunar Roxb. extracts on CCL20 production in Aggregatibacter actinomycetemcomitans lipopolysaccharide induced gingival fibroblast *Kamolparn Pugdee, Sittichai Koontongkaew, Orapan Poachanukoon* Thai Journal of Oral and Maxillofacial Surgery Volume 32, Issue 2, 2018, pp. 95-103
5	The management of initial carious lesion *Mintra Wutikhun, Nantawan Krajangta, Kamolparn Pugdee, Awiruth Klaisiri* Thammasat Medical Journal Volume 18, Issue 3, 2018, pp. 427-433
6	Porphyromonas gingivalis lipopolysaccharide (LPS) activated monocyte increases cell proliferation and invasion of head and neck cancer cells *Kamolparn Pugdee, Arnit Toneluck, Paopanga Monthanapisut, Kusumawadee Utispan, Sittichai Koontongkaew* Thai Journal of Oral and Maxillofacial Surgery Volume 30, Issue 1, 2016, pp. 50-58
7	Roles of microenvironment in oral cancer *Kusumawadee Utispan, Kamolparn Pugdee* Thai Journal of Oral and Maxillofacial Surgery Volume 28, Issue 2, 2014, pp. 104-116
8	The linkage between periodontitis and cancer *Kamolparn Pugdee, Kusumawadee Utispan* Thai Journal of Oral and Maxillofacial Surgery Volume 28, Issue 1, 2014, pp. 40-48