

Ruchadaporn Kaomongkolgit, DDS, MSc, PhD

Contact: ruchadapornk@nu.ac.th

Research interests: Oral mucosal diseases, Oral candidiasis, Oral cancer, Natural products

Publications

1. Daroonpan P, Ouchi R, Zhang C, Nagai S, Nishii N, Kashima Y, et. al. Personal immune profiles: Diversity and prognostic value for oral tongue squamous cell carcinoma evaluated by comprehensive immune parameter analyses with multiplex immunofluorescence. *Oral Oncol.* 2023 Aug;143:106458.
2. Kaomongkolgit R. Amlodipine-induced gingival overgrowth in older patients: a report of four cases. *Asian Journal of Gerontology and Geriatrics.* 2023; 18(1): 36-38.
3. Yiemwattana I, Kaomongkolgit R, Wirojchanasak S, Nathamtong S, Wacharanad S. Inhibitory effect of *Morus alba* stem extract on bacterial biofilms and matrix metalloproteinase (MMP)-1, and MMP-2 expression in vitro. *Journal of International Dental and Medical Research.* 2023; 16(1): 1-7.
4. Chompunud Na Ayudhya C, Kaomongkolgit R. Malignant transformation of oral lichen planus during COVID-19 crisis. *Oral Diseases.* 2022 Nov 2;10.1111/odi.14423.
5. Kaomongkolgit R, Sawangarun W. Oral lichen planus following mRNA COVID-19 vaccination. *Oral Diseases.* 2022; 28 Suppl 2: 2622-2623.
6. Kaomongkolgit R, Tantanapornkul W, Palasuk J, Yiemwattana I, Boontengtrong A. Herpetiform recurrent aphthous stomatitis associated with iron deficiency anemia in a child. *Pediatric Nursing.* 2022; 48(2): 94-96.
7. Kaomongkolgit R, Sarideechaigul W, Klanrit P, Phohipakdee P. Clinical profile of oral pemphigus vulgaris in Thai patients. *Family Medicine & Primary Care Review.* 2021; 23(4): 442–446.
8. Tantanapornkul W, Kaomongkolgit R, Tohnak S, Deepho C, Chansamat R. Chronological age assessment based on the root pulp visibility in lower third molars in a group of Thai population: panoramic radiographic study. *Open Dentistry Journal.* 2021; 15: 591-594.
9. Tantanapornkul W, Kaomongkolgit R, Tohnak S, Deepho C, Chansamat R. Dental age assessment based on the radiographic visibility of the periodontal ligament in lower third molars in a Thai sample. *Journal of Forensic Odontostomatology.* 2021; 39(2): 32-37.
10. Kaomongkolgit R. Allergic contact stomatitis associated with traditional medicine in an elderly female patient. *Journal of Pakistan Association of Dermatologists.* 2021; 31(2): 308-311.
11. Deepho J, Tohnak S, Kaomongkolgit R, Chansamat R, Tantanapornkul W, The infraorbital ethmoid (Haller's) cells in a group of Thai patients: Panoramic radiographic study. *Journal of International Dental and Medical Research.* 2020; 13(2): 566-570.
12. Daroonpan P, Kaomongkolgit R, Tantanapornkul W, Palasuk J. Demographic and clinical profile of gingival oral lichen planus in a group of Thai individuals. *Journal of Dentistry Indonesia.* 2020; 27(1): 33-37.

13. Tantanapornkul W, Kaomongkolgit R, Tohnak S, Promma L, Chantarangsu S. Erupted compound odontoma associated with missing tooth: A rare case report. *Journal of Dentistry Indonesia*. 2020; 27(1): 46-49.
14. Kaomongkolgit R, Daroonpan P, Tantanapornkul W, Palasuk J. Clinical profile of 102 patients with oral lichen planus in Thailand. *Journal of Clinical and Experimental Dentistry*. 2019; 11(7): e625-e629.
15. Kaomongkolgit R, Tantanapornkul W. Rare case of etoricoxib-induced oral ulceration. *Journal of International Dental and Medical Research*. 2019; 12(3): 1174-1176.
16. Yiemwattana I, Kaomongkolgit R, Wirojchanasak S, Chaisomboon N. Morus alba stem extract suppresses matrix metalloproteinases (MMP)-1, MMP-9, and tissue inhibitors of metalloproteinase (TIMP)-1 expression via inhibition of I κ B α degradation induced by Porphyromonas gingivalis LPS signal in THP-1 cells. *European Journal of Dentistry*. 2019; 13(2): 229-234.
17. Kaomongkolgit R, Daroonpan P, Tantanapornkul W, Palasuk J, Chansamat R. Medical conditions and oral diseases in elderly Thai dental patients in lower northern Thailand. *Journal of Dentistry Indonesia*. 2019; 26(3): 153-159.
18. Samprasit W, Akkaramongkolporn P, Kaomongkolgit R, Opanasopit P. Cyclodextrin-based oral dissolving films formulation of taste-masked meloxicam. *Journal Pharmaceutical Development and Technology*. 2018; 23(5): 530-539.
19. Wongviriya A, Samnieng P, Intapa C, Phothipakdee P, Kaomongkolgit R. Oral mucosal lesions in Thai elderly dental patients. *Journal of the Medical Association of Thailand*. 2018; 101(3): 367-373.
20. Kaomongkolgit R, Jamdee K. Inhibitory effect of alpha-mangostin on candida biofilms. *Odontology*. 2017; 105(2): 248-253.
21. Kaomongkolgit R, Tantanapornkul W. Chronological age estimation base on third molar development from panoramic radiograph in Thai population. *Journal of International Dental and Medical Research*. 2017; 10(1): 65-71
22. Kaomongkolgit R, Wongviriya A, Daroonpan P, Chansamat R, Tantanapornkul W, Palasuk J. Denture stomatitis and its predisposing factors in denture wearers. *Journal of International Dental and Medical Research*. 2017; 10(1): 89-94.
23. Kaomongkolgit R, Tantanapornkul W, Lekatana H. Inflammatory papillary hyperplasia of gingiva as a manifestation of allergic contact stomatitis caused by amalgam core preparation. *Journal of International Dental and Medical Research*. 2017; 10(1): 166-168.
24. Kaomongkolgit R, Tantanapornkul W. Pattern of impacted third molar in Thai population: retrospective radiographic survey. *Journal of International Dental and Medical Research*. 2017 ;10(1): 30-35.
25. Patrojanasophon P, Rojanarata T, Ngawhirunpat T, Akkaramongkolporn P, Kaomongkolgit R, Opanasopit P. Erythrosine incorporated fast-dissolving patches for dental plaque disclosing. *Advances in Pharmacology and Pharmacy*. 2017; 5(1): 12-19.
26. Kaomongkolgit R, Yiemwattana I. Alpha-mangostin suppresses 12-o-tetradecanoylphorbol - 13-acetate-mediated matrix metalloproteinase-9 expression in human osteosarcoma cells U2OS. *Tropical Journal of Pharmaceutical Research*. 2016; 15(10): 2063-2070.

27. Yiemwattana I, Kaomongkolgit R. Porphyromonas gingivalis LPS-induced IL-1 β and IL-8 Expression by Reducing MAPK Activation in THP-1 Cells. West Indian Medical Journal. 2016.
28. Patrojanasophon P, Ngawhirunpat T, Rojanarata T, Kaomongkolgit R, Opanasopit P. Fabrication and evaluation of nanostructured herbal oil/hydroxypropyl- β cyclodextrin /polyvinylpyrrolidone mats for denture stomatitis prevention and treatment. American Association of Pharmaceutical Scientists. 2016; 17(6): 1441-1449.
29. Kaomongkolgit R, Jamdee, K. Inhibitory effect of alpha-mangostin on adhesion of candida albicans to denture acrylic. Open Dentistry Journal. 2015; 9: 388-392.
30. Kaomongkolgit R, Subbalekha K, Sawangarun W, Thongprasom K. Pyoderma gangrenosum-like oral ulcerations in an elderly patient. Gerodontology. 2015; 32(4): 309-313.
31. Patrojanasophon P, Ngawhirunpat T, Rojanarata T, Panomsuk S, Kaomongkolgit R, Opanasopit P. Fabrication of mucoadhesive chitosan coated polyvinylpyrrolidone/cyclodextrin/ clotrimazole sandwich patches for oral candidiasis. Carbohydrate Polymers. 2015; 132: 173-179.
32. Yiemwattana I, Kaomongkolgit R. Alpha-mangostin suppresses IL-6 and IL-8 expression in p. gingivalis lps-stimulated human gingival fibroblasts. Odontology. 2015; 103(3): 348-355.
33. Kaomongkolgit R, Tantanapornkul W, Jittapiromsak N, Ngamwannagul P, Sriaroon P. Severe anti-epileptic drug-induced gingival overgrowth in a physically disabled patient. West Indian Medical Journal. 2015; 65(1); 212-215.
34. Samprasit W, Akkaramongkolporn P, Ngawhirunpat T, Rojanarata T, Kaomongkolgit R, Opanasopit P. Fast releasing oral electrospun pvp/cd nanofiber mats of taste-masked meloxicam. International Journal of Pharmaceutics. 2015; 487(1-2): 213-222.
35. Samprasit W, Kaomongkolgit R, Sukma M, Rojanarata T, Ngawhirunpat T, Opanasopit P. Mucoadhesive electrospun chitosan-based nanofibre mats for dental caries prevention. Carbohydrate Polymers. 2015; 117: 933-940.
36. Samprasit W, Rojanarata T, Akkaramongkolporn P, Ngawhirunpat T, Kaomongkolgit R, Opanasopit P. Fabrication and in vitro/in vivo performance of mucoadhesive electrospun nanofiber mats containing α -mangostin. American Association of Pharmaceutical Scientists. 2015; 16(5): 1140-1152.
37. Patrojanasophon P, Ngawhirunpat T, Rojanarata T, Kaomongkolgit R, Opanasopit P. Fabrication of a novel scaffold of clotrimazole-microemulsion-containing nanofibers an electrospinning process for oral candidiasis applications. Colloids and surfaces B: biointerface. 2015; 126: 18-25.
38. Samprasit W, Opanasopit P, Sukma M, Kaomongkolgit R. Antibacterial activity of Garcinia mangostana extracts on oral pathogens. Minerva Stomatologica. 2014; 63(7-8): 249-257.
39. Patrojanasophon P, Ngawhirunpat T, Rojanarata T, Kaomongkolgit R, Opanasopit P. Fast-acting clotrimazole composited PVP/HP β CD nanofibers for oral candidiasis application. Pharmaceutical Research. 2014; 31(8): 1893-1906.
40. Patrojanasophon P, Ngawhirunpat T, Rojanarata T, Kaomongkolgit R, Opanasopit P. Fabrication and evaluation of clotrimazole-loaded PVP/HP β CD nanofiber mats for oral candidiasis. Thai Journal of Pharmaceutical Sciences. 2013; 38: 255-259.

41. Kaomongkolgit R. Alpha-mangostin suppresses MMP-2 and MMP-9 expression in head and neck squamous carcinoma cells. *Odontology*. 2013; 101(2): 227-232.
42. Kaomongkolgit R, Jamdee K, Pumklin J, Pavasant P. Laboratory evaluation of the antibacterial and cytotoxic effect of alpha-mangostin when used as a root canal irrigant. *Indian Journal of Dentistry*. 2013; 4: 12-17.
43. Kaomongkolgit R, Jamdee K, Wongnoi S, Chimnoi N, Techasakul S. Antifungal activity of coronarin D against *Candida albicans*. *Oral Surgery Oral Medicine Oral Pathology Oral Radiology*. 2012; 114(1): 61-66.
44. Kaomongkolgit R, Chaisomboon N, Pavasant P. Apoptotic effect of alpha-mangostin on head and neck squamous carcinoma cells. *Archives of Oral Biology*. 2011; 56(5): 483-490.
45. Kaomongkolgit R. Oral lichenoid drug reaction associated with antihypertensive and hypoglycemic drugs. *Journal of drugs in dermatology*. 2010; 9(1): 73-75.
46. Kaomongkolgit R, Manokawinchoke J, Sanchavanakit N, Pavasant P, Sumrejkanchanakij P. Fibronectin supports TNF-alpha-induced osteopontin expression through beta1 integrin and ERK in HN-22 cells. *Archives of Oral Biology*. 2010; 55(2): 101-107.
47. Kaomongkolgit R, Jamdee K, Chaisomboon N. Antifungal activity of alpha-mangostin against *Candida albicans*. *Journal of Oral Science*. 2009; 51(3): 401-406.
48. Kaomongkolgit R, Cheepsunthorn P, Pavasant P, Sanchavanakit N. Iron increases MMP-9 expression through activation of AP-1 via ERK/Akt pathway in human head and neck squamous carcinoma cells. *Oral Oncology*. 2008; 44(6): 587-594.
49. Sanchavanakit N, Sangrungraungroj W, Kaomongkolgit R, Banaprasert T, Pavasant P, Phisalaphong M. Growth of human keratinocytes and fibroblasts on bacterial cellulose film. *Biotechnology Progress*. 2006; 22(4): 1194-1199.