

氏名・職位・学位	専門	主要研究テーマ	主な業績・職務実績等			
			著者名、著書・論文等の名称	出版社名・掲載雑誌名等	巻・頁	出版年
吉野文彦・ 准教授・ 博士(歯学)	専門分野: 1. 薬理学 2. 酸化ストレス医学 3. 光化学・生物学 担当科目: 1年生: PBL演習 3年生: 薬物と回復促進 4年生: 総合歯科学 5年生: 臨床実習Ⅰ 6年生: 臨床実習Ⅱ	主要研究テーマ: 1. 光が及ぼす口腔組織への影響の検討 2. 光線力学療法を用いた歯科治療の開発 3. デンタルマテリアルに対する光の影響と生体反応の検討 4. 唾液を用いた生体解析 5. 抗酸化物質の機能解析 6. 口腔軟組織疾患の病態解析	【著書】 1. 吉野文彦: 第22章 歯科領域で用いられる薬物-歯内・歯周・止血・齲蝕予防薬-. 解かる! 歯科薬理学-第3版-.	学研書院	283-298	2019
			2. 吉野文彦: 第25章 歯科専用薬剤-歯内・歯周・止血・齲蝕予防薬-. 解かる! 歯科薬理学-第2版-.	学研書院	301-314	2013
			【随筆】 1. 吉野文彦: 100歳まで生きるための本100選「宇宙兄弟」	アンチ・エイジング医学	8(4): 110-111	2012
			【総説】 1. Yoshida A, Sasaki H, Shiotsu-Ogura Y, Izukuri K, Hamada N, Yoshino F : Potential use of antimicrobial photodynamic therapy in dentistry.	Kanagawashigaku	53(1-2): 60-62	2018
			2. Wada-Takahashi S, Hidaka K, Yoshino F , Yoshida A, Takahashi S-S: Cooperation of the oral microcirculation and systemic circulation in the peripheral vascular disorder.	Kanagawashigaku	53(1-2): 63-66	2018
			3. Sasaki H, Yoshida A, Yoshino F , Inaba K, Sato T, Hiramane H, Watanabe K, Hamada N: The bactericidal and antioxidant effects of cacao bean extracts against periodontal pathogen.	Kanagawashigaku	53(1-2): 45-48	2018
			4. Yoshino F , Yoshida A: Effects of blue-light irradiation during dental treatment.	Japanese Dental Science Review	54(4): 160-168	2018
			5. 吉田彩佳, 木本克彦, 吉野文彦: 青色光の口腔組織への影響 — 歯科治療に使用する青色光は安全か?	デンタルダイヤモンド	5: 152-155	2015
			【論文】 1. Yoshida A, Inaba K, Sasaki H, Hamada N, Yoshino F (corresponding author) : Impact on Porphyromonas gingivalis of antimicrobial photodynamic therapy with blue light and Rose Bengal in plaque-disclosing solution.	Photodiagnosis and photodynamic therapy	36: 102576	2021
			2. Wada-Takahashi S, Hidaka K, Yoshino F , Yoshida A, Tou M, Matsuo M, Takahashi S-S: Effect of physical stimulation (gingival massage) on age-related changes in gingival microcirculation.	Plos ONE	15(5): e0233288	2020
			3. Hirano Y, Hayashi M, Tamura M, Yoshino F , Yoshida A, Masubuchi M, Imai Km Ogiso B: Singlet oxygen generated by a new nonthermal atmospheric pressure air plasma device exerts a bactericidal effect on oral pathogens.	Journal of Oral Science	61(4): 521-525	2019
			4. Shiotsu-Ogura Y, Yoshida A, Kan P, Sasaki H, Toyama T, Izukuri K, Hamada N, Yoshino F (corresponding author) : Antimicrobial photodynamic therapy using a plaque disclosing solution on streptococcus mutans.	Photodiagnosis and Photodynamic Therapy	26: 252-257	2019
			5. Suzuki M, Toyama T, Watanabe K, Sasaki H, Sugiyama S, Yoshino F , Yoshida A, Takahashi S-S, Wada-Takahashi S, Matsuo M, Todoki K, Hamada N: Ameliorating effects of Jixueteng in a mouse model of Porphyromonas gingivalis-induced periodontitis: Analysis based on gingival microcirculatory system.	Natural Product Communications	13(12): 1699-1703	2018
6. Yoshida A, Sasaki H, Toyama T, Araki M, Fujioka J, Tsukiyama K, Hamada N, Yoshino F (corresponding author) : Antimicrobial effect of blue light using Porphyromonas gingivalis pigment.	Scientific Report	7(1): Article number 5225	2017			
7. Ibi H, Hayashi M, Yoshino F , Tamura M, Yoshida A, Kobayashi Y, Shimizu K, Lee M-C, Imai K, Ogiso B: Bactericidal effect of hydroxyl radicals generated by the sonolysis and photolysis of hydrogen peroxide for endodontic applications.	Microbial Pathogenesis	103: 65-70	2017			

8. Shirai R, Miura T, Yoshida A, Yoshino F , Ito T, Yoshinari M, Yajima Y: Antimicrobial effect of titanium dioxide after ultraviolet irradiation against periodontal pathogen.	Dental Materials Journal	35 (3): 511–516	2016
9. Yoshino F , Yoshida A, Toyama T, Wada–Takahashi S, Takahashi S–S: α -glucosyl hesperidin suppressed the exacerbation of 5-fluorouracil-induced oral mucositis in the hamster cheek pouch.	Journal of Functional Foods	21 : 223–231	2016
10. Funaki S, Tokutomi F, Wada–Takahashi S, Yoshino F , Yoshida A, Maehata Y, Miyamoto C, Toyama T, Sato T, Hamada N, Lee M–C, Takahashi S–S: <i>Porphyromonas gingivalis</i> infection modifies oral microcirculation and aortic vascular function in the stroke-prone spontaneously hypertensive rat (SHRSP).	Microbial Pathogenesis	92 : 36–42	2016
11. Tanaka Y, Toyama T, Wada–Takahashi S, Sasaki H, Miyamoto C, Maehata Y, Yoshino F , Yoshida A, Takahashi S–S, Watanabe K, Lee M–C, Todoki K, Hamada N: Protective effects of (6R)-5,6,7,8-tetrahydro-L-biopterin on local ischemia/reperfusion-induced suppression of reactive hyperemia in rat gingiva.	Journal of Clinical Biochemistry and Nutrition	58 (1): 69–75	2016
12. Yoshida A, Shiotsu–Ogura Y, Wada–Takahashi S, Takahashi S.–S, Toyama T, Yoshino F (corresponding author): Blue light irradiation-induced oxidative stress <i>in vivo</i> via ROS generation in rat gingival tissue.	Journal of Photochemistry and Photobiology B: Biology	151 : 48–53	2015
13. Otsuka T, Yamasaki R, Shimazaki T, Yoshino F , Sasaguri K, Kawata T: Effects of mandibular retrusive deviation on prefrontal cortex activation: A functional near-infrared spectroscopy study.	Biomedical Research International	Volume 2015 : Article ID 373769, 6 pages	2015
14. Tamaki N, Yoshino F , Fukui M, Hayashida H, Yoshida A, Kitamura M, Iwasaki T, Furugen R, Kawasaki K, Nakazato M, Maeda T, Kokeguchi S, Yamamoto T, Lee M–C, Ito H, Saito T: Relationship among antioxidant activity, cytokines and periodontitis: the Nagasaki Island study.	Journal of Clinical Periodontology	42 (8): 711–718	2015
15. Maehata Y, Miyamoto C, Tsukinoki K, Takahashi S–S, Yoshino F , Wada–Takahashi S, Yoshida A, Tanaka A, Adachi T, Igoshi N, Shiba T, Nishikawa N, Imazato T, Suzuki I, Ihara H, Shimomura H, Okabe H, Yanagisawa T, Hosho A, Maehata E: Foresight of physical development indicated by the National Health and Nutrition Survey in Japan: An approach in terms of biomedical sciences.	International Journal of Analytical Bio–Science	3 (3): 63–72	2015
16. Kobayashi K, Maehata Y, Okada Y, Kusubata M, Hattori S, Tanaka K, Miyamoto C, Yoshino F , Yoshida A, Tokutomi F, Wada–Takahashi S, Komatsu T, Otsuka T, Takahashi S–S, Lee M–C: Medical-grade collagen peptide in injectables provides antioxidant protection.	Pharmaceutical Development and Technology	20 (2): 219–226	2015
17. Ichinose–Tsuno A, Aoki A, Takeuchi Y, Kirikae T, Shimbo T, Lee M–C, Yoshino F , Maruoka Y, Itoh T, Ishikawa I, Izumi Y: Antimicrobial photodynamic therapy suppresses dental plaque formation in healthy adults: a randomized controlled clinical trial.	BMC Oral Health	14 : 152	2014
18. Yoshida A, Iwata S, Iizuka J, Takahashi S–S, Wada–Takahashi S, Miyamoto C, Maehata Y, Ogura Y, Lee M–C, Yoshino F (corresponding author): Blue light from dental resin curing unit causes light-induced vasoconstriction in isolated rat aorta.	Oral Health and Dental Management	13 (4): 1147–1151	2014
19. Miyamoto C, Maehata Y, Motohashi K, Ozawa S, Ikoma T, Kouki H, Wada–Takahashi S, Takahashi S–S, Yoshino F , Yoshida A, Kubota E, Hata R–I, Lee M–C: Fasudil, a Rho kinase inhibitor, suppresses tumor growth by inducing CXCL14/BRAK in head and neck squamous cell carcinoma.	Biomedical Research	35 (6): 381–388	2014
20. Kobayashi Y, Hayashi M, Yoshino F , Tamura M, Yoshida A, Ibi H, Lee M–C, Ochiai K, Ogiso B: Bactericidal effect of hydroxyl radicals generated from a low concentration hydrogen peroxide with ultrasound in endodontic treatment.	Journal of Clinical Biochemistry and Nutrition	54 (3): 161–165	2014

		21. Kobayashi Y, Hayashi M, Yoshino F , Tamura M, Yoshida A, Ibi H, Lee M-C, Ochiai K, Ogiso B: Passive ultrasonic irrigation in the presence of a low concentration of hydrogen peroxide enhances hydroxyl radical generation and bactericidal effect against <i>Enterococcus faecalis</i> .	Journal of Oral Science	56(1): 35-39	2014
		22. Toyama T, Wada-Takahashi S, Takamichi M, Watanabe K, Yoshida A, Yoshino F , Miyamoto C, Maehata Y, Sugiyama S, Takahashi S-S, Todoki K, Lee M-C, Hamada N: Reactive oxygen species scavenging activity of <i>Jixueteng</i> evaluated by electron spin resonance (ESR) and photon emission.	Natural Product Communications	9(12): 1755-1759	2014
		23. Yoshino F (corresponding author) , Yoshida A, Nakajima A, Wada-Takahashi S, Takahashi S-S, Lee M-C: Alteration of the redox state with reactive oxygen species for 5-fluorouracil-induced oral mucositis in hamsters.	Plos ONE	8(12): 1-6	2013
		24. Yoshida A, Yoshino F (corresponding author) , Makita T, Maehata Y, Higashi K, Miyamoto C, Wada-Takahashi S, Takahashi S-S, Takahashi O, Lee M-C: Reactive Oxygen Species Production in Mitochondria of Human Gingival Fibroblast Induced by Blue Light Irradiation.	Journal of Photochemistry and Photobiology B: Biology	129: 1-5	2013
		25. Yoshino F (corresponding author) , Yoshida A, Okada E, Okada Y, Maehata Y, Miyamoto C, Kishimoto S, Otsuka T, Nishimura T, Lee M-C: Dental resin curing blue light induced oxidative stress with reactive oxygen species production.	Journal of Photochemistry and Photobiology B: Biology	114: 73-78	2012
		26. Sugiyama S, Takahashi S-S, Tokutomi F, Yoshida A, Kobayashi K, Yoshino F , Wada-Takahashi S, Toyama T, Watanabe K, Hamada N, Todoki K, Lee M-C: Gingival vascular functions are altered in type 2 diabetes mellitus model and/or periodontitis model.	Journal of Clinical Biochemistry and Nutrition	51(2): 108-113	2012
		27. Saita M, Kobayashi K, Yoshino F , Hase H, Nonami T, Kimoto K, Lee M-C: ESR investigation of ROS generated by H ₂ O ₂ bleaching with TiO ₂ coated HAp.	Dental Materials Journal	31(3): 458-464	2012
		28. Yoshino F (corresponding author) , Yoshida A, Wada-Takahashi S, Sugiyama S, Tokutomi F, Maehata Y, Miyamoto C, Komatsu T, Takahashi S-S, Kobayashi K, Lee M-C: Assessments of salivary antioxidant activity using electron spin resonance spectroscopy.	Archives of Oral Biology	57(6): 654-662	2012
		【プロシーディング】 1. 徳富文彬, 高橋聡子, 杉山秀太, 宮本千央, 吉田彩佳, 小林 杏, 前畑洋次郎, 遠山歳三, 吉野文彦 , 浜田信城, 高橋俊介, 李 昌一: 脳卒中易発症性高血圧自然発症ラット (SHRSP) に対する AOB の効果.	AOB 研究会	29-32	2013
		2. 高橋聡子, 徳富文彬, 杉山秀太, 宮本千央, 吉田彩佳, 小林 杏, 前畑洋次郎, 熊田秀文, 吉野文彦 , 浜田信城, 高橋俊介, 李 昌一: 歯周病原細菌感染による歯肉循環変化/脳卒中易発症性高血圧自然発症ラット (SHRSP) を用いた解析.	AOB 研究会	33-36	2012
		【職務実績】 〔所属学会〕 1. 日本薬理学会 2. 日本抗加齢医学会 3. 日本酸化ストレス学会 4. 歯科基礎医学会 5. 日本電子スピンサイエンス学会 6. 神奈川歯科大学学会 7. International Association for Dental Research 8. Society for Free Radical Research International 9. Society for Free Radical Biology and Medicine 10. European Academy of Anti-Aging 〔社会活動〕 1. 日本歯科基礎医学会(代議員) 2. 日本抗加齢医学会(評議員) 3. 神奈川歯科大学学会(評議員) 4. 神奈川歯学(編集長) 5. 日本薬理学会(評議員)			