Division of Advanced Clinical Education
Department of Integrated Dental Education

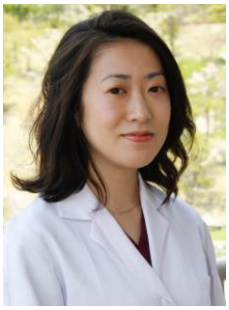
Outline

Major subjects we are responsible for clinical education in the undergraduate students. Our faculty members teach dental students in the clinic based on their specialty (periodontics, endodontics, prosthodontics etc.). Our division has been performing research on the topics listed below.

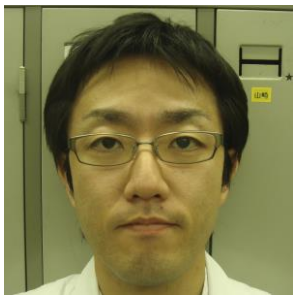
Faculty members

Professor; Toshiyuki NAGASAWA,D.D.S., Ph.D.
Assistant professor; Mai KONO, D.D.S., Ph.D.
Assistant professor; Kaname SHIRAI,D.D.S., Ph.D.

Toshiyuki NAGASAWA



Mai KONO



Kaname SHIRAI

Main research in progress

1) Clinical diagnosis and treatment in dentistry
2) Clinical education in dentistry
3) Interdisciplinary research in the field of dentistry
4) Minimal intervention in dentistry
5) Interprofessional Collaborative Practice in medicine

Current publications

* Wang CY, Chyuan IT, Wang YL, Kuo MY, Chang CW, Wu KJ, Hsu PN, Nagasawa T, Wara-Aswapati N, Chen YW. Effect of glycemic control on periodontitis in type 2 diabetic patients with periodontal disease. J Periodontol 2015 30:1-25

* Shimizu S, Momozawa Y, Takahashi A, Nagasawa T, Ashikawa K, Terada Y, Izumi Y, Kobayashi H, Tsuji M, Kubo M, Furuichi Y. A Genome-wide Association Study of Periodontitis in a Japanese Population. J Dent Res. 2015 94(4) 555-561

*Nagasawa T, Shimizu S, Kato S, Nakatsuka Y, Kado T, Hidaka T, Shirai K, Mori M, Furuichi Y (2014) Host–microbial co-evolution in periodontitis associated with *Aggregatibacter actinomycetemcomitans* infection J Oral Biosci, 2014 56:11-17

* Nakatsuka Y, Nagasawa T, Yumoto Y, Nakazawa F, Furuichi Y. Inhibitory effects of sword bean extract on alveolar bone resorption induced in rats by Porphyromonas gingivalis infection. J Periodontal Res. 2014 49(6) 801-9

* Kato S, Nakashima K, Nagasawa T, Abiko Y, Furuichi Y. Involvement of Toll-like receptor 2 in apoptosis of Aggregatibacter actinomycetemcomitans-infected THP-1 cells. J Microbiol Immunol Infect. 2013 46(3):164-70

* Katagiri S, Nitta H, Nagasawa T, Izumi Y, Kanazawa M, Matsuo A, Chiba H, Fukui M, Nakamura N, Oseko F, Kanamura N, Inagaki K, Noguchi T, Naruse K, Matsubara T, Miyazaki S, Miyauchi T, Ando Y, Hanada N, Inoue S. Effect of glycemic control on periodontitis in type 2 diabetic patients with periodontal disease. J Diabetes Investig. 2013 May; 4(3): 320-325.

* Bharti P, Katagiri S, Nitta H, Nagasawa T, Kobayashi H, Takeuchi Y, Izumiyama H, Uchimura H, Inoue S, Izumi Y Periodontal treatment with topical antibiotics improves glycemic control in association with elevated serum adiponectin in patients with type 2 diabetes mellitus Obesity Research and Clinical Practice 2013. 7(2):e129-138
*Ye CC, Katagiri S, Miyasaka N, Bharti P, Kobayashi H, Takeuchi Y, Momohara Y, Sekiguchi M, Takamine S, Nagasawa T, and Izumi Y, The anti-phospholipid antibody-dependent and independent effects of periodontopathic bacteria on threatened preterm labor and preterm birth Archives of Gynecology and Obstetrics, 2013, 288(1): 65-72
*Kudo C, Naruishi K, Maeda H, Abiko Y, Hino T, Iwata M, Mitsuhashi C, Murakami S, Nagasawa T, Nagata T, Yoneda S, Nomura Y, Noguchi T, Numabe Y, Ogata Y, Sato T, Shimauchi H, Yamazaki K, Yoshimura A, Takashiba S Assessment of the use of Plasma/Serum IgG Test to Screen for Periodontitis J Dent Res 2012 91(12):1190-5
* Hidaka T et al. FGF-2 induces proliferation of human periodontal ligament cells and maintains differentiation potentials of STRO-1(+)/CD146(+) periodontal ligament cells. Arch Oral Biol., 2012 57(6):830-40
* Nanbara H, Wara-Aswapati N, Nagasawa T, Yoshida Y, Yashiro R, Bando Y, Kobayashi H, Khongcharoensuk J, Hormdee D, Pitiphat W, Boch JA, Izumi Y. Modulation of wnt5a expression by periodontopathic bacteria. PLoS One. 2012; 7(4): e34434. Epub 2012 Apr 2.
*Takeuchi Y, Nagasawa T, Katagiri S, Kitagawara S, Kobayashi H, Koyanagi T, Izumi Y. Salivary levels of antibacterial peptide (LL-37/hCAP-18) and cotinine in periodontitis patients. J Periodontol 2012; 83(6): 766-72