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### **Education**

- Master's Degree, Department of Dentistry, College of Oral Medicine, Kaohsiung Medical University. August 2010 – June 2012
- Bachelor's Degree, Department of Dentistry, China Medical University. August 2003 – June 2009

### **Current position and relevant experience**

- Assistant Professor, Department of Dentistry, College of Oral Medicine, Kaohsiung Medical University. February 2025 – Present
- Director, Department of Periodontology, Kaohsiung Medical University Hospital. August 2023 – Present
- Attending Physician, Department of Periodontology, Kaohsiung Medical University Hospital. August 2016 – Present

### **Specialty**Periodontology

- Implantology

### References

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2	Lee MK, <b>Chen IH</b> , Hsu IL, Tsai WH, Lee TY, Jhong JH, Liu BC, Huang TY, Lin FK, Chang WW, Wu JH*. The impact of Lacticaseibacillus paracasei GMNL-143 toothpaste on gingivitis and oral microbiota in adults: a randomized, double-blind, crossover, placebo-controlled trial. BMC Oral Health, 2024 Apr 20; 24(1):477.

3	Chen YW, Chiang T, <b>Chen IH</b> , Yuh DY, Tseng HY, Wang CW, Hou HH*. Titanium Surfaces with a Laser-Produced Microchannel Structure Enhance Pre-Osteoblast Proliferation, Maturation, and Extracellular Mineralization In Vitro. <i>Int J Mol Sci</i> , 2024 Mar 16; 25(6):3388.
4	<b>Chen IH</b> , Lin CH, Lee MK, Chen TE, Lan TH, Chang CM, Tseng TY, Wang TP, Du JK*. Convolutional-neural-network-based radiographs evaluation assisting in early diagnosis of the periodontal bone loss via periapical radiograph. <i>J Dent Sci</i> . 2024 Jan; 19(1):550-559.
5	Hou HH, Lee BS, Liu YC, Wang YP, Kuo WT, <b>Chen IH</b> , He AC, Lai CH, Tung KL, Chen YW*. Vapor-Induced Pore-Forming Atmospheric-Plasma-Sprayed Zinc-, Strontium-, and Magnesium-Doped Hydroxyapatite Coatings on Titanium Implants Enhance New Bone Formation-An In Vivo and In Vitro Investigation. <i>Int J Mol Sci</i> , 2023 Mar 3; 24(5):4933.
6	Chen JH, Lin YC, Kung JC, Yan DY, <b>Chen IH</b> , Jheng YS, Lai CH, Wu YM, Lee KT*. Efficacy of Er:YAG laser for the peri-implantitis treatment and microbiological changes: a randomized controlled trial. <i>Laser Med Sci</i> . 2022 Dec; 37(9):3517-3525. Epub 2022 Aug 11.
7	<b>Chen IH</b> , Lin CH, Liao YS, Yang PW, Jao YT, Chen TE, Du JK*. Assessment of dental personal protective equipment (PPE) and the relationship between manual dexterity and dissemination of aerosol and splatter during the COVID-19 pandemic. <i>J Dent Sci</i> , 2022 Oct; 17(4):1538-1543.
8	Hsu YJ, <b>Chen IH</b> , Lin KD, Lee MY, Lee YL, Yu CK, Kabasawa Y, Huang HL*. Clinical Outcomes and Oral Health-Related Quality of Life after Periodontal Treatment with Community Health Worker Strategy in Patients with Type 2 Diabetes: A Randomized Controlled Study. <i>Int J Environ Res. Public. Health</i> .2021 Aug 7; 18(16):8371.

9	Lee KT, Guo ZL, Teng NC, Hsu KLC, <b>Chen IH</b> , Lee CY, Chang HM, Huang YK*. Salivary Pro-Inflammatory Markers and Smoking Status Influences the Treatment Effectiveness of Periodontal Disease Patients with Hypertension. Int J Environ Res. Public. Health. 2021 Jul 9; 18(14):7364.
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