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Education

PhD 2013 – 2019 Graduate Institute of Dentistry, College of Dental Medicine, Kaohsiung Medical University

M.D.S. 2005 – 2007 Graduate Institute of Dentistry, College of Dental Medicine, Kaohsiung Medical University

D.D.S. 1995 – 2001 School of Dentistry, College of Dental Medicine, Kaohsiung Medical University

Current position and relevant experience

A. School of dentistry, College of Dental Medicine, Kaohsiung Medical University

02/2020 ~ date Assistant Professor

B. Department of Dentistry, Kaohsiung Medical University Hospital

08/2007 ~ date Attending (Visiting Staff), Division of Family Dentistry

08/2005 ~ 07/2006 Chief Resident, Division of Family Dentistry

08/2003 ~ 07/2005 Resident, Division of Family Dentistry

Specialty

1. Family Dentistry;
2. Implant Dentistry
3. Bio-ceramic

References

1	<p><u>Kung JC</u>, Tseng IT, Chien CS, Lin SH, Wang CC, Shih CJ (2020, Oct). Microwave assisted synthesis of negativecharge carbon dots with potential antibacterial activity against multi-drug resistant bacteria. RSC Advances, 2020,10(67):41202-41208</p>
2	<p>Chen YH, <u>Kung JC</u>, Tseng SP, Wu SM, Shih CJ (2020, Oct). Effects of AgNPs on the structure and anti-methicillin resistant Staphylococcus aureus (MRSA) properties of SiO₂-CaO-P₂O₅ bioactive glass. Available online 21 October 2020, 120492</p>

3	<p>Kung JC, Wang WH, Lee CL, Hsieh HC, Shih CJ (2020, Jun). Antibacterial activity of silver nanoparticles (AgNP) confined to mesostructured silica-based calcium phosphate against methicillin-resistant Staphylococcus aureus (MRSA). <i>Nanomaterials</i>, 202010(7):1264</p>
4	<p>Kung JC, Chen YJ, Chiang YC, Lee CL, Yang-Wang YT, Hung CC; Shih CJ* (2018, Dec) Antibacterial activity of silver nanoparticle (AgNP) confined mesoporous structured bioactive powder against E. faecalis infecting root canal systems. <i>Journal of Non-Crystalline Solids</i>. 2018, 502, 62-70.</p>
5	<p>Chen W-C, Chen C-H, Kung J-C, Hsia Y-C, Shih C-J, Chien C-S (2013, Nov). Phosphorus Effects of Mesoporous Bioactive Glass on Occlude Exposed Dentin. <i>Materials</i> 2013, 6, 5335-5351, 6, 5335-5351.</p>
6	<p>Chen WC, Kung JC, Chen CH, Hsiao YC, Shih CJ*, Chien CS (2013, Oct). Effects of bioactive glass with and without mesoporous structures on desensitization in dentinal tubule occlusion. . <i>APPLIED SURFACE SCIENCE</i>, Volume 283, Pages 833–842.</p>
7	<p>Chen JC, Kung JC, Hsieh CH, Hou MJ, Shih CJ*, Hung CC (2013, May). Mineralizati and osteoblast cells response of nano-grade pearl powders. <i>Journal of Nanomaterials</i>, Volume 2013, Article ID 752863, 7 pages.</p>

8	Shih CC, Chien CS, <u>Kung JC</u> , Chen JC, Chang SS, Lu PS, Shih CJ* (2013, Jan). Effect of surfactant concentration on Characteristics of mesoporous bioactive glass prepared by the evaporation induced self-assembly process.. Applied Surface Science, V. 264, P. 105-110.,.
9	Tsai CY, Tsai CF, Tseng YC, <u>Kung JC</u> , Wu YM* (2010, May). Application of a narrow-diameter implant in a limited space. Journal of Dental Sciences, 5(2), 114~120.
10	<u>Kung JC</u> , Chuang FH, Hsu KJ, Shih YL, Chen CM, Huang IY* (2009, Oct). Extensive Subcutaneous Emphysema after Extraction of Mandibular Third Molar-a case report. Kaohsiung J Med Sci, 10 期, P562-6.
11	<u>龔榮章</u> ; 洪純正 ; 吳逸民 ; 王震乾 ; 傅柏松 ; 蔡菁芳 ; 張軍堯 ; 陳正慧 (2009, Oct). 單側後牙區固定式植體支持補綴物相對咬合強度之探討. Taiwan Journal of Oral Medicine Sciences, 25 卷, 3 期, P30-39.