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現職：

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Education and Training：

高雄醫學大學 醫學院 醫學系 學士

高雄醫學大學 醫學院 醫學研究所 博士

Experience：

高雄醫學大學附設醫院 實習醫師訓練室 主任

高雄醫學大學附設醫院 醫務秘書

高雄醫學大學外科學 助理教授 (助理字第 038353)

高雄醫學大學外科學 副教授 (副字第 143211)

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臺灣燒傷暨傷口照護學會第十三、十四屆 理事

主要研究領域

1. 燒燙傷疼痛治療
2. 顯微外科
3. 高壓氧治療
4. 手外科
5. 整形外科
6. 脂肪幹細胞運用與組織工程

Honor:

2018 年 高雄醫學大學 (107 學年度) 教學優良教師
2017 年 台灣傷口照護學會年會 海報發表第一名(指導)
2017 年 高壓氧醫學會年會口頭報告佳作 (指導)
2016 年 高雄醫學大學 (105 學年度) 教學優良教師
2016 年 國際外科學會中華民國總會(ICS. Taiwan Section) 優秀論文高明昇教授獎第二名
2016 年 台灣手外科醫學會第十四屆第一次學術研討會暨會員大會 論文發表整外第一名
2015 年 國際外科學會中華民國總會(ICS. Taiwan Section) 優秀論文競賽第四名
2014 年 高雄醫學大學 研究績優教師 優秀論文獎
2014 年 第 10 屆戰國策全國校園創業競賽 創業組佳作
2014 年 高雄醫學大學 (103 學年度) 績優導師

Recent publication since 2016

1. Chou PR, Lu CY, Kan JY, Wang SH, Lo JJ, Huang SH. Wu SH. (2021, May) Simultaneous hyperbaric oxygen therapy during systemic chemotherapy reverses chemotherapy-induced peripheral neuropathy by inhibiting TLR4 and TRPV1 activation in the central and peripheral nervous system. *Support Care Cancer*. Epub 2021 May 18.
2. Lee SS, Wu YC, Huang SH. Chen YC, Srinivasan P, Hsieh DJ, Yeh YC, Lai YP, Lin YN. (2021, Mar) A novel 3D histotypic cartilage construct engineered by supercritical carbon dioxide decellularized porcine nasal cartilage graft and chondrocytes exhibited chondrogenic capability in vitro. *Int J Med Sci*. 18(10):2217-2227.
3. Shu-Hung Huang, Wu KW, Lo JJ, Wu SH. (2021, Jan). Synergic Effect of Botulinum Toxin Type-A and Triamcinolone Alleviates Scar Pruritus By Modulating Epidermal Hyperinnervation: A Preliminary Report. *Aesthet Surg J*. 2021 Feb 28:sjab105.
4. Hsiao SC, Chang CH, Huang SH. (2021, Aug) Recycled Split-Thickness Skin Grafting: A Novel Treatment for Axillary Hidradenitis Suppurativa. *Dermatol Surg*. 47(8):1142-1143.
5. Shu-Hung Huang, Chia-Chen Lee, Hsin-Ti Lai, Hidenobu Takahashi, Yu-Chi Wang, Chung-Sheng Lai (2021, Jan). The Function-Preserving Frontalis Orbicularis Oculi Muscle Flap for the Correction of Severe Blepharoptosis With Poor Levator Function. *Aesthet Surg J*, 2021 Jan 5;sjaa429.
6. Shu-Hung Huang, Shih-Ming Yang, Jing-Jou Lo, Sheng-Hua Wu, Ming-Hong Tai (2020, Oct). Irisin Gene Delivery Ameliorates Burn-Induced Sensory and Motor Neuropathy. *Int J Mol Sci*, 21;21(20):7798.
7. Lo JJ, Wang SC, Lee HY, Lee SS, Lee HC, Hung CT, Huang SH*. (2020, May). Proactive COVID-19 Infection Prevention Measures in a Hyperbaric Oxygen Therapy Center. *Medicina (Kaunas)*, 2020 May 27;56(6):261.
8. Kao CN, Liu YW, Chang PC, Chou SH, Lee SS, Kuo YR, Huang SH*. (2020, Mar). Decision algorithm and surgical strategies for managing tracheocutaneous fistula. *J Thorac Dis*, 2020 Mar; 12(3): 457-465.
9. Chou PR, Lin YN, Wu SH, Lin SD, Srinivasan P, Hsieh DJ, Huang SH* (2020, Jan). Supercritical Carbon Dioxide-decellularized Porcine Acellular Dermal Matrix combined with Autologous

Adipose-derived Stem Cells: Its Role in Accelerated Diabetic Wound Healing. *Int J Med Sci.*, 2020 Feb 4;17(3):354-367.

10. Lin TM, Huang SH, Lin YN, Lee SS, Kuo YR, Lin SD, Takahashi H. (2020, Jan). Fat Grafting for Facial Contouring (Nose and Chin).. *Clin Plast Surg.*, 47(1):91-98.
11. Liu TH, Hsieh MC, Chou PR, Huang SH*. (2020, Jan). Reconstruction for Defects of Total Nail Bed and Germinal Matrix Loss with Acellular Dermal Matrix Coverage and Subsequently Skin Graft.. *Medicina (Kaunas)*. , 2020 Jan 3;56(1):17.
12. Sheng-Hua Wu, I-Cheng Lu, Ming-Hong Tai, Chee-Yin Chai, Aij-Lie Kwan, Shu-Hung Huang *(2020, Jan). Erythropoietin Alleviates Burn-induced Muscle Wasting. *Int. J. Med. Sci.*, 17(1):33-44.
13. Chou PR, Wu SH, Hsieh MC, Huang SH*. (2019, Dec). Retrospective Study on the Clinical Superiority of the Vacuum-Assisted Closure System with a Silicon-based Dressing over the Conventional Tie-over Bolster Technique in Skin Graft Fixation.. *Medicina (Kaunas)*., 12;55(12).
14. Lin YN, Ou-Yang F, Hsieh MC, Lee SS, Huang SH, Chuang CH, Chang CH, Kuo YR, Hou MF, Lin SD. (2019, Nov). Use of Extended Pedicled Transverse Rectus Abdominis Myocutaneous Flap for Extensive Chest Wall Defect Reconstruction After Mastectomy for Locally Advanced Breast Cancer.. *Ann Plast Surg.*, doi: 10.1097/SAP.0000000000002188..
15. Huang SH, Lin YN, Lee SS, Huang YH, Takahashi H, Chou CK, Lin TY, Chen RF, Kuo YR, Lai CS, Lin SD, Lin TM. (2019, Oct). Three Simple Steps for Refining Transcutaneous Lower Blepharoplasty for Aging Eyelids: The Indispensability of Micro-Autologous Fat Transplantation.. *Aesthet Surg J.*, 15;39(11):1163-1177.
16. Yang CH, Chang CW, Kuo YR, Huang SH*. (2019, Oct). Widespread dystrophic calcinosis cutis in both thighs associated with Sjögren's syndrome: A case of 20-year follow-up.. *Kaohsiung J Med Sci.* , 35(10):648-650.
17. Lee CC, Feng IJ, Lai HT, Huang SH, Kuo YR, Lai CS. (2019, Aug). The Epidemiology and Clinical Features of Blepharoptosis in Taiwanese Population.. *Aesthetic Plast Surg.*, 43(4):964-972.
18. Chen CL, Chen IC, Hsu PC, Huang SH*. (2019, May). Shoulder disarticulation as a result of distal subclavian artery total occlusion after radiotherapy.. *Kaohsiung J Med Sci.* , 35(5):319-320.
19. Wu ZS, Wu SH, Lee SS, Lin CH, Chang CH, Lo JJ, Chai CY, Wu CS, Huang SH*. (2019, Apr). Dose-Dependent Effect of Hyperbaric Oxygen Treatment on Burn-Induced Neuropathic Pain in Rats.. *Int J Mol Sci.*, Apr 20;20(8)..
20. Huang SH, Huang YH, Lin YN, Lee SS, Chou CK, Lin TY, Takahashi H, Kuo YR, Lai CS, Lin SD, Lin TM (2018, Aug). Micro-Autologous Fat Transplantation for Treating a Gummy Smile.. *Aesthet Surg J.* , 16;38(9):925-937.
21. Zong-Sheng Wu, Jing-Jou Lo, Sheng-Hua Wu, Chau-Zen Wang, Rong-Fu Chen, Su-Shin Lee, Chee-Yin Chai, and Shu-Hung Huang* (2018, Aug). Early Hyperbaric Oxygen Treatment Attenuates Burn-Induced Neuroinflammation by Inhibiting the Galectin-3-Dependent Toll-Like Receptor-4 Pathway in a Rat Model. *International Journal of Molecular Sciences*, Int J Mol Sci. 2018 Jul 27;19(8). pii: E2195. doi: 10.3390/ijms19082195.
22. Hsieh MC, Wu YC, Huang SH, Kuo YR, Lee SS. (2018, Feb). A Single-Center, Randomized, Double-Blind, Placebo-Controlled Clinical Trial of the Effectiveness of ANT1 Soybean Extract

Cream on Skin Recovery After Nd: YAG Laser Treatment.. *Ann Plast Surg*, 80(2S Suppl 1):S26-S29.

23. Lai Hsin-Tai, Huang Shu-Hung* (2018, Feb). Phlegmasia Cerulea Dolens with Compartment Syndrome.. *The New England Journal of Medicine*, 15;378(7):658.
24. Shu-Hung Huang, Sheng-Hua Wu, Su-Shin Lee, Yun-Nan Lin, Chee-Yin Chai, Chung-Sheng Lai, Hui-Min David Wang (2018, Jan). Platelet-Rich Plasma Injection in Burn Scar Areas Alleviates Neuropathic Scar Pain. *International Journal of Medical Sciences*, 2018; 15(3): 238-247.
25. Wu SH, Lu IC, Lee SS, Kwan AL, Chai CY, Huang SH*. (2018, Jan). Erythropoietin attenuates motor neuron programmed cell death in a burn animal model. *PLoS One*, 31;13(1):e0190039.
26. Lin CH, Wu SH, Lee SS, Lin YN, Kuo YR, Chai CY, Huang SH* (2017, Dec). Autologous Adipose-Derived Stem Cells Reduce Burn-Induced Neuropathic Pain in a Rat Model. *International Journal of Molecular Sciences*, 2017 Dec 22;19(1).
27. Yun-Nan L, Shu-Hung H, Tsung-Ying L, Chih-Kang C, Yu-Hao H, Hidenobu T, Chung-Sheng L, Sin-Daw L, Tsai-Ming L (2017, Oct). Micro-autologous fat transplantation for rejuvenation of the dorsal surface of the aging hand.. *J Plast Reconstr Aesthet Surg*, 2017 Oct 6. pii: S1748-6815(17)30390-X.
28. Chou C, Kuo YR, Chen CC, Lai CS, Lin SD, Huang SH, Lee SS (2017, Mar). Medial Orbital Wall Reconstruction With Porous Polyethylene by Using a Transconjunctival Approach With a Caruncular Extension.. *Ann Plast Surg*, 78(3 Suppl 2):S89-S94.
29. Lai HT, Weng SF, Chang CH, Huang SH, Lee SS, Chang KP, Lai CS (2017, Mar). Analysis of Levator Function and Ptosis Severity in Involutional Blepharoptosis.. *Ann Plast Surg*, 78(3 Suppl 2):S58-S60.
30. Lin YN, Hsieh TY, Huang SH, Liu CM, Chang KP, Lin SD (2017, Jan). Management of venous ulcers according to their anatomical relationship with varicose veins.. *Phlebology*, 1:268355516676124.
31. Chien CM, Chen YW, Chen CC, Wu YC, Huang SH, Lee SS, Lai CS, Lin SD, Wang CJ, Kuo YR (2016, Nov). Adipose-Derived Stem Cell Modulation of T-Cell Regulation Correlates with Heme Oxygenase-1 Pathway Changes.. *Plast Reconstr Surg*, 138(5):1015-1023..
32. Hsin-Ti Lai, Sheng-Hua Wu, Ya-Wei Lai, Tung-Ying Hsieh, Su-Shin Lee, Hui-Min David Wang, Kao-Ping Chang, Sin-Daw Lin, Chung-Sheng Lai, Shu-Hung Huang* (2016, Nov). Composite grafting with pulp adipofascial advancement flaps for treating non-replantable fingertip amputations. *microsurgery*, 36(8):651-657.