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現職：

高雄市立小港醫院副院長

高雄醫學大學附設醫院 整形外科主治醫師

高雄醫學大學整形外科 教授 (教字第 145372)

臺灣燒傷暨傷口照護學會 第十五屆理事

台灣傷口照護學會 第三屆常務理事

中華民國高壓氧暨海底醫學會 第十二屆理事

台灣美容外科醫學會 第十四屆財務長

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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)

台灣傷口照護學會 秘書長

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高雄醫學大學附設醫院 整形外科主任

主要研究領域

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

Honor:

- 2022 年 高壓氧年會 口報論文第一名 (指導)
- 2021 年 防疫特殊貢獻獎
- 2021 年 國際外科學會中華民國總會 (ICS, Taiwan Section) 優秀論文金牌獎
- 2020 年 高壓氧年會 口報論文第一名 (指導)
- 2019 年 高壓氧年會 口報論文第一名 (指導)
- 2018 年 台灣拜耳創新獎：人類健康組優選 KMU ElderMed
- 2018 年 高雄醫學大學 (107 學年度) 教學優良教師

- 2018 年 15th Asia Pacific Medical Education Conference (APMEC) 10 - 14 January 2018, Singapore Best Abstract for Poster Presentation
- 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)優秀論文高明見教授獎第二名
- 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 2018

1. Lai CS, Ramachandran S, Lee CC, Lai YW, Chang YP, **Shu-Hung Huang***. (2023, May). Evaluation of Blepharoptosis in Patients With Refractory Blepharospasm by VISA-Video Recordings, Idiosyncratic Expressions, Sensory Tricks, and Ancillary Procedures. *Ann Plast Surg*, 1;90(5S Suppl 2):S172-S176.
2. Wang SH*, **Shu-Hung Huang***, Hsieh MC, Lu IC, Chou PR, Tai MH, Wu SH. (2023, Mar). Hyperbaric Oxygen Therapy Alleviates Paclitaxel-Induced Peripheral Neuropathy Involving Suppressing TLR4-MyD88-NF- κ B Signaling Pathway. *Int J Mol Sci*, 11;24(6):5379.
3. Ya-Wei Lai, Sheng-Hua Wu, Ping-Ruey Chou, Che Lin, Jwu-Lai Yeh, Tsai-Ming Lin, Chee-Yin Chai, Meng-Chien Willie Hsieh, **Shu-Hung Huang*** (2023, Feb). Autologous Fat Grafting in Female Genital Area Improves Sexual Function by Increasing Collagenesis, Angiogenesis, and Estrogen Receptors. *Aesthet Surg J*, 28;sjad040.
4. Lei YH, **Shu-Hung Huang*** (2022, Dec). Single-stage acellular dermal matrix reconstruction of defects in the nose and ears with exposed cartilage: a prospective case series. *BMC Surgery*, 28;22(1):444.
5. Sheng-Hua Wu, I-Cheng Lu, Shih-Ming Yang, Chia-Fang Hsieh, Chee-Yin Chai, Ming-Hong Tai*, **Shu-Hung Huang*** (2022, Dec). Spinal Irisin Gene Delivery Attenuates Burn Injury-Induced Muscle Atrophy by Promoting Axonal Myelination and Innervation of Neuromuscular Junctions. *Int. J. Mol. Sci.* 14;23(24):15899.
6. Yu-Chi Wang, Tzu-Yu Lin, **Shu-Hung Huang*** (2022, Mar). Double Fillet Flap for End-Stage Pelvic Pressure Injuries in a Paraplegic Patient. *Ann Plast Surg.*, 1;88(1s Suppl 1):S114-S118.
7. **Shu-Hung Huang**, Wu KW, Lo JJ, Wu SH*. (2021, Oct). Synergic Effect of Botulinum Toxin Type A and Triamcinolone Alleviates Scar Pruritus by Modulating Epidermal

Hyperinnervation: A Preliminary Report. *Aesthet Surg J.*, 2021 Oct 15;41(11):NP1721-NP1731.

8. Chiou HC, **Shu-Hung Huang**, Hung CH, Tsai SM, Kuo HR, Huang YR, Wang JW, Chen SC, Kuo CH, Wu DC, Huang SK, Hsu SH, Lin MH*. (2021, Aug). Hyperbaric Oxygen Therapy Alleviates the Autoimmune Encephalomyelitis via the Reduction of IL-17a and GM-CSF Production of Autoreactive T Cells as Well as Boosting the Immunosuppressive IL-10 in the Central Nervous System Tissue Lesions. *Biomedicine*, 2021 Aug 2;9(8):943.
9. Hsiao SC, Chang CH, **Shu-Hung Huang*** (2021, Aug). Recycled Split-Thickness Skin Grafting: A Novel Treatment for Axillary Hidradenitis Suppurativa. *Dermatol Surg.*, 2021 Aug 1;47(8):1142-1143.
10. **Shu-Hung Huang**, Lee CC, Lai HT, Takahashi H, Wang YC, Lai CS*. (2021, May). The Function-Preserving Frontalis Orbicularis Oculi Muscle Flap for the Correction of Severe Blepharoptosis With Poor Levator Function. *Aesthet Surg J.*, 2021 May 18;41(6):NP260-NP266.
11. **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.
12. **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.
13. Lo JJ, Wang SC, Lee HY, Lee SS, Lee HC, Hung CT, **Shu-Hung Huang***. (2020, May). Proactive COVID-19 Infection Prevention Measures in a Hyperbaric Oxygen Therapy Center. *Medicina (Kaunas)*, 2020 May 27;56(6):261.
14. Kao CN, Liu YW, Chang PC, Chou SH, Lee SS, Kuo YR, **Shu-Hung Huang***. (2020, Mar). Decision algorithm and surgical strategies for managing tracheocutaneous fistula. *J Thorac Dis.*, 2020 Mar; 12(3): 457–465.
15. Chou PR, Lin YN, Wu SH, Lin SD, Srinivasan P, Hsieh DJ, **Shu-Hung Huang*** (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.
16. Liu TH, Hsieh MC, Chou PR, **Shu-Hung Huang***. (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.
17. 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.
18. Chou PR, Wu SH, Hsieh MC, **Shu-Hung Huang*** . (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).

19. **Shu-Hung Huang**, 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.
20. Wu ZS, Wu SH, Lee SS, Lin CH, Chang CH, Lo JJ, Chai CY, Wu CS, **Shu-Hung Huang***. (2019, Apr). Dose-Dependent Effect of Hyperbaric Oxygen Treatment on Burn-Induced Neuropathic Pain in Rats. *Int J Mol Sci.*, Apr 20;20(8).
21. **Shu-Hung Huang**, 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.
22. 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. *Int J Mol Sci.*, Int J Mol Sci. 2018 Jul 27;19(8). pii: E2195. doi: 10.3390/ijms19082195.
23. Lai Hsin-Tai, **Shu-Hung Huang*** (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. *Int J Med Sci.*, 2018; 15(3): 238-247.
25. Wu SH, Lu IC, Lee SS, Kwan AL, Chai CY, **Shu-Hung Huang***. (2018, Jan). Erythropoietin attenuates motor neuron programmed cell death in a burn animal model. *PLoS One*, 31;13(1):e0190039.