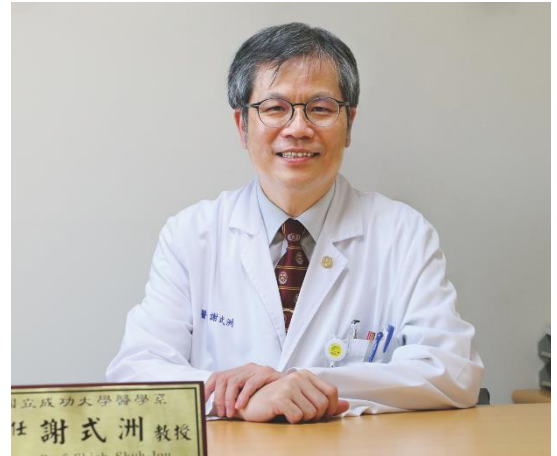


Shyh-Jou Shieh, M.D., Ph.D.

Current Position

1. **President, Taiwan Society of Plastic Surgery (TSPS).**
2. **Professor and Attending Plastic Surgeon, Department of Plastic and Reconstructive Surgery, National Cheng Kung University Hospital and College of Medicine, National Cheng Kung University, Tainan, Taiwan.**



Education

- 1979~1986 M.D., College of Medicine, Taipei Medical University, Taiwan.
1998~2001 Ph.D., Institute of Clinical Medicine, College of Medicine, National Cheng Kung University, Taiwan.

Fellowship

- 1996 Clinical Fellowship, Department of Plastic and Reconstructive Surgery, University of Tokyo, Japan.
1996 Clinical Fellowship, Department of Plastic and Reconstructive Surgery, National Cancer Center, Tokyo, Japan.
2001~2003 Postdoctoral Research Fellowship, Laboratory for Tissue Engineering and Organ Fabrication, Massachusetts General Hospital, Harvard Medical School, USA.

Administrative Career

- 2018~2024 Chair, School of Medicine, National Cheng Kung University, Tainan, Taiwan.
2021~2022 President, Taiwan Society for Reconstructive Microsurgery.
2016~2021 Chief, Division of Plastic and Reconstructive Surgery, Department of Surgery, National Cheng Kung University Hospital, Tainan, Taiwan.
2015~2016 & 2020~2022 Vice Dean for Student Affairs, College of Medicine, National Cheng Kung University, Tainan, Taiwan.
2013~2016 Director, International Research Center for Wound Repair and Regeneration (iWRR), National Cheng Kung University, Tainan, Taiwan.

Professional & Research Field

Plastic Surgery; Reconstructive Microsurgery; Hand Surgery; Tissue Engineering; Regenerative Medicine; Medical Education

Honors and Awards

- 2002 Partners in Excellence Award, Massachusetts General Hospital, Harvard University, Boston, MA, USA.
2009 Best Year Award of Reconstruction Save, Taiwan Society of Plastic Surgery.
2010 Best Year Award of Reconstruction Option, Taiwan Society of Plastic Surgery.
2016 Best Year Award of Reconstruction Option, Taiwan Society of Plastic Surgery.
2013 Excellent Teacher Award, National Cheng Kung University, Tainan, Taiwan.
2013 Outstanding Attending Physician Award, National Cheng Kung University Hospital, Taiwan.
2020 Honorably listed in the Book "Who's Who in Biotechnology and Medicine of Taiwan, 1st ed."

Selective Publications: (* corresponding author)

1. Chang TY, Hong YK, Kuo YL, Wu HL, **Shieh SJ***. CD248 Regulates Inflammation and Encapsulation in Silicone-related Capsule Formation. **Plastic and Reconstructive Surgery** 2024; 153(1):109-120.
2. Hsu HC, Jeng SL, Shih HI, Sung TC, Hung SP, Huang YC, Yao WR*, **Shieh SJ***. Learning Styles of Newly Enrolled Medical Students With Different Routes of Admission. **Journal of Medical Education** 2023; 27(2):125-137.
3. Ho CL, Huang LLH, **Shieh SJ***. Perichondrial progenitor cells promote proliferation and chondrogenesis of mature chondrocytes. **Regenerative Biomaterials** 2022; 9:rbab078.
4. Kuo TY, Huang CC, **Shieh SJ**, Wang YB, Lin MJ, Wu MC, Huang LLH. Skin wound healing assessment via an optimized wound array model in miniature pigs. **Scientific Reports** 2022; 12(1):445.
5. Huang YT, **Shieh SJ***. A Study on the Evaluation of Teaching in School of Medicine. **Journal of Higher Education** 2021; 16(2):79-111.
6. Hung KS, Hsu HY, Kuo LC, Chang JH, Lee YC, Ho CL, Pan SC, **Shieh SJ***. Dynamic traction splint as an alternative surgical treatment for comminuted intraarticular fracture of metacarpophalangeal joint. **Annals of Plastic Surgery** 2021; 86(2S Suppl 1):S35-S40.
7. Hung JH, Wang CT, Lee CN, **Shieh SJ***. Unilateral vision loss after hyaluronic acid injection: a case report. **Annals of Plastic Surgery** 2021; 86(2S Suppl 1):S127-S131.
8. Chang WL, Wu H, Chiu YK, Wang S, Jiang TX, Luo ZL, Lin YC, Li A, Hsu JT, Huang HL, Gu HJ, Lin TY, Yang SM, Lee TT, Lai YC, Lei M, Shie MY, Yao CT, Chen YW, Tsai JC, **Shieh SJ**, Hwu YK, Cheng HC, Tang PC, Hung SC, Chen CF, Habib M, WidELITZ RB, Wu P, Juan WT, Chuong CM. The Making of a Flight Feather: Bio-architectural Principles and Adaptation. **Cell** 2019; 179(6):1409-1423.e17. doi: 10.1016/j.cell.2019.11.008.
9. Tsai CC, **Shieh SJ***. Locked Thumb Metacarpophalangeal Joint Caused by Entrapment of the Sesamoid Bone: A Report of Two Cases. **Annals of Plastic Surgery** 2019; 82(1S Suppl 1):S130-S135.
10. Chuang KL, Liang FW, **Shieh SJ***, Lu TH*. The Incidence of Necrotizing Fasciitis in Taiwan: A Nationwide Population-Based Study. **Annals of Plastic Surgery** 2018; 80(2S Suppl 1):S75-S78.
11. Hsu CK, Lin HH, Harn HI, Ogawa R, Wang YK, Ho YT, Chen WR, Lee YC, Lee JY, **Shieh SJ**, Cheng CM, McGrath JA, Tang MJ. Caveolin-1 controls hyperresponsiveness to mechanical stimuli and fibrogenesis-associated RUNX2 activation in keloid fibroblasts. **Journal of Investigative Dermatology** 2018; 138(1): 208-218.
12. Hsu HY, Kuo LC, Kuan TS, Yang HC, Su FC, Chiu HY, **Shieh SJ***. Determining the Functional Sensibility of the Hand in Patients with Peripheral Nerve Repair: Feasibility of Using a Novel Manual Tactile Test for Monitoring the Progression of Nerve Regeneration. **Journal of Hand Therapy** 2017; 30(1): 65-73.
13. **Shieh SJ***, Cheng TC. Regeneration and repair of human digits and limbs: fact and fiction. **Regeneration** 2015; 2(4):149-168.
14. Hsu CK, Yang CC, **Shieh SJ***. **Chapter 6: Skin stem cells and their roles in skin regeneration and disorders.** **Book: Stem cells, tissue engineering and regenerative medicine**, World Scientific Publishers. Editor: David Warburton, 2015; pp. 125-143.

More than 150 refereed papers and book chapters, please refer to: <https://surgery.ncku.edu.tw/p/405-1126-124834.c15355.php?Lang=zh-tw>