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MD Student with Scholarly Concentration in Biomedical Ethics & Medical Humanities, expected graduation Spring 2029

Publications

PUBLICATIONS

- **Limited Insurance Coverage for Wigs: A Cross-sectional Analysis of Wig Providers in the Bay Area.** *Journal of the American Academy of Dermatology*
Caravan, S., Akras, D., Shareef, H., Abdusamad, R., Sarin, K. Y.
2026
- **Characterization of Long-Term Sensory Recovery at the Abdominal Donor Site Following Autologous Breast Reconstruction.** *Plastic and reconstructive surgery*
Akras, D., Januszzyk, M., Posternak, V., Westerman, V., Shefren, K., Meyer, S., Momeni, A.
2026
- **The Unique Roles of Adipose Tissue in Wound Healing.** *Advances in wound care*
Parker, J. B., Griffin, M., Akras, D., Liang, N. E., Valencia, C., Morgan, A. G., Kuhnert, M., Dilorio, S. E., Longaker, M. T., Wan, D. C.
2025
- **Inhibiting mechanotransduction prevents scarring and yields regeneration in a large animal model.** *Science translational medicine*
Mascharak, S., Griffin, M., Talbott, H. E., Guo, J. L., Parker, J., Morgan, A. G., Valencia, C., Kuhnert, M. M., Li, D. J., Liang, N. E., Kratofil, R. M., Daccache, J. A., Sidhu, et al
2025; 17 (786): eadt6387
- **Allele-specific expression reveals genetic drivers of tissue regeneration in mice.** *Cell stem cell*
Mack, K. L., Talbott, H. E., Griffin, M. F., Parker, J. B., Guardino, N. J., Spielman, A. F., Davitt, M. F., Mascharak, S., Downer, M., Morgan, A., Valencia, C., Akras, D., Berger, et al
2023
- **Understanding Fibroblast Heterogeneity in Form and Function.** *Biomedicines*
Parker, J. B., Valencia, C., Akras, D., Dilorio, S. E., Griffin, M. F., Longaker, M. T., Wan, D. C.
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- **Understanding the Role of Adipocytes and Fibroblasts in Cancer.** *Annals of plastic surgery*
Downer, M. A., Griffin, M. F., Morgan, A. G., Parker, J. B., Li, D. J., Berry, C. E., Liang, N. E., Kamen, L., Cotterell, A. C., Akras, D., Valencia, C., Longaker, M. T., Wan, et al
2023
- **Reduction of Tendon Fibrosis Using Galectin-3 Inhibitors.** *Plastic and reconstructive surgery*
Spielman, A. F., Griffin, M. F., Titan, A. L., Guardino, N., Cotterell, A. C., Akras, D., Wan, D. C., Longaker, M. T.
2023
- **Chelating the valley of death: Deferoxamine's path from bench to wound clinic.** *Frontiers in medicine*
Parker, J. B., Griffin, M. F., Downer, M. A., Akras, D., Berry, C. E., Cotterell, A. C., Gurtner, G. C., Longaker, M. T., Wan, D. C.
2023; 10: 1015711