

Stanford

Michelle Griffin

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Publications

PUBLICATIONS

- **Optimized Nuclei Isolation from Fresh and Frozen Solid Tumor Specimens for Multiome Sequencing.** *Journal of visualized experiments : JoVE*
Foster, D. S., Griffin, M., Januszyk, M., Delitto, D., Norton, J. A., Longaker, M. T.
2023
- **Desmoplastic stromal signatures predict patient outcomes in pancreatic ductal adenocarcinoma.** *Cell reports. Medicine*
Mascharak, S., Guo, J. L., Foster, D. S., Khan, A., Davitt, M. F., Nguyen, A. T., Burcham, A. R., Chinta, M. S., Guardino, N. J., Griffin, M., Lopez, D. M., Miller, E., Januszyk, et al
2023: 101248
- **Quality Assessment of Online Resources for Gender-affirming Surgery.** *Plastic and reconstructive surgery. Global open*
Berry, C. E., Fazilat, A. Z., Churukian, A. A., Abbas, D. B., Griffin, M., Downer, M., Januszyk, M., Momeni, A., Morrison, S. D., Wan, D. C.
2023; 11 (10): e5306
- **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
- **Technical Tips to Reduce Implant Rippling in Staged Pre-pectoral Breast Reconstruction.** *Aesthetic plastic surgery*
Tevlin, R., Sharma, A. D., Griffin, M., Wan, D., Momeni, A.
2023
- **Understanding Fibroblast Heterogeneity in Form and Function.** *Biomedicines*
Parker, J. B., Valencia, C., Akras, D., DiIorio, S. E., Griffin, M. F., Longaker, M. T., Wan, D. C.
2023; 11 (8)
- **Medical Biology of Cancer-Associated Fibroblasts in Pancreatic Cancer.** *Biology*
Morgan, A., Griffin, M., Kameni, L., Wan, D. C., Longaker, M. T., Norton, J. A.
2023; 12 (8)
- **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
- **Attenuating Chronic Fibrosis: Decreasing Foreign Body Response with Acellular Dermal Matrix.** *Tissue engineering. Part B, Reviews*
Liang, N. E., Griffin, M., Berry, C. E., Parker, J. B., Downer, M. A., Wan, D. C., Longaker, M. T.
2023
- **Overcoming Radiation Induced Oral Fibrosis through the Down Regulation of Wnt Signaling Using Bmp-7 Inhibitors**
Cotterell, A. C., Griffin, M., Spielman, A., Guardino, N., Lintel, H., Abbas, D., Guo, J. L., Parker, J., Wan, D., Longaker, M. T.
LIPPINCOTT WILLIAMS & WILKINS.2023: S90
- **Topical Vanadate Improves Excisional Wound Healing in Murine Model**
Lintel, H., Abbas, D., Mackay, D. D., Griffin, M., Spielman, A., Guardino, N., Churukian, A., Guo, J. L., Longaker, M. T., Wan, D. C.

LIPPINCOTT WILLIAMS & WILKINS.2023: S91

- **Lineage Tracing Reveals Adipocytes Are Responsible for Muscle Fibrosis Following Nerve Injury**

Spielman, A., Griffin, M., Cotterell, A. C., Erich, K., Guo, B. L., Abbas, D., Parker, J. L., Lintel, H., Wan, D. C., Longaker, M. T.
LIPPINCOTT WILLIAMS & WILKINS.2023: S92

- **Developing a Mouse Model to Evaluate Tibial Distraction Osteogenesis**

DiIorio, S., Tevlin, R., Shah, H. N., Salhotra, A., Griffin, M., Januszyk, M., Wan, D. C., Longaker, M. T.
LIPPINCOTT WILLIAMS & WILKINS.2023: S90

- **Radiation Injury Genetically Alters Fibroblast Subpopulations to Induce Fibrosis**

Abbas, D., Griffin, M., Guo, J. L., Lavin, C. V., Fahy, E. J., Guardino, N. J., Lintel, H., Januszyk, M., Longaker, M. T., Wan, D. C.
LIPPINCOTT WILLIAMS & WILKINS.2023: S94

- **Radiation Injury Therapy with Transdermal Deferoxamine Patch is Dose Dependent**

Abbas, D., Griffin, M., Lavin, C. V., Fahy, E. J., Lintel, H., Guardino, N. J., Guo, J. L., Longaker, M. T., Wan, D. C.
LIPPINCOTT WILLIAMS & WILKINS.2023: S91

- **Quantitative Analysis of the Collagen Matrix Ultrastructure in Mouse Hearts after Myocardial Infarction**

Lu, J., Griffin, M., Guo, J. L., Mascharak, S., Guardino, N. J., Longaker, M. T.
LIPPINCOTT WILLIAMS & WILKINS.2023: S13-S14

- **The effects of mechanical force on fibroblast behavior in cutaneous injury.** *Frontiers in surgery*

Berry, C. E., Downer, M., Morgan, A. G., Griffin, M., Liang, N. E., Kameni, L., Laufey Parker, J. B., Guo, J., Longaker, M. T., Wan, D. C.
2023; 10: 1167067

- **Establishing a xenograft model with CD-1 nude mice to study human skin wound repair.** *Plastic and reconstructive surgery*

Abbas, D. B., Griffin, M., Fahy, E. J., Spielman, A. F., Guardino, N. J., Pu, A., Lintel, H., Lorenz, H. P., Longaker, M. T., Wan, D. C.
2023

- **Mechanoresponsive Pancreatic Ductal Adenocarcinoma Cancer Associated Fibroblasts Shows an FAK-Dependent Subtype Divergent from Canonical Fibrotic TGFB-Pathway Dependence**

Foster, D., Delitto, D., Januszyk, M., Yost, K., Griffin, M., Guo, J., Guardino, N., Delitto, A., Chinta, M., Burcham, A., Nguyen, A., Bauer-, K., Berry, et al
SPRINGER.2023: S30-S31

- **Denervation during mandibular distraction osteogenesis results in impaired bone formation.** *Scientific reports*

Tevlin, R., Griffin, M., Chen, K., Januszyk, M., Guardino, N., Spielman, A., Walters, S., Gold, G. E., Chan, C. K., Gurtner, G. C., Wan, D. C., Longaker, M. T.
2023; 13 (1): 2097

- **An Inexpensive 3D Printed Mouse Model of Successful, Complication-free Long Bone Distraction Osteogenesis.** *Plastic and reconstructive surgery. Global open*

Tevlin, R., Shah, H. N., Salhotra, A., Di Iorio, S. E., Griffin, M., Januszyk, M., Wan, D. C., Longaker, M. T.
2023; 11 (2): e4674

- **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

- **Multiplexed evaluation of mouse wound tissue using oligonucleotide barcoding with single-cell RNA sequencing.** *STAR protocols*

Januszyk, M., Griffin, M., Mascharak, S., Talbott, H. E., Chen, K., Henn, D., Spielman, A. F., Parker, J. B., Liang, N. E., Cotterell, A., Guardino, N., Foster, D. S., Wagh, et al
2022; 4 (1): 101946

- **Topical vanadate improves tensile strength and alters collagen organization of excisional wounds in a mouse model.** *Wound repair and regeneration : official publication of the Wound Healing Society [and] the European Tissue Repair Society*

Lintel, H., Abbas, D. B., Mackay, D. J., Griffin, M., Lavin, C. V., Berry, C. E., Guardino, N. J., Guo, J. L., Momeni, A., Mackay, D. R., Longaker, M. T., Wan, D. C.
2022

- **Investigating the Severity of Complications following Nipple-sparing Mastectomy and Immediate Prepectoral Implant-based vs. Autologous Reconstruction - A Single-Surgeon Experience.** *Plastic and reconstructive surgery*

Pedreira, R., Tevlin, R., Griffin, M., Wan, D., Momeni, A.

2022

- **Adipose-Derived Stromal Cell-based Therapies for Radiation-Induced Fibrosis.** *Advances in wound care*

Berry, C., Abbas, D. B., Lintel, H., Churukian, A., Griffin, M., Guo, J., Cotterell, A. C., Parker, J., Downer, M. A., Longaker, M. T., Wan, D. C.
2022

- **Machine Learning-Based Desmoplastic Signatures Predict Patient Outcomes in Pancreatic Ductal Adenocarcinoma**

Guo, J. L., Mascharak, S., Foster, D. S., Guardino, N. J., Griffin, M., Miller, E., Raghavan, S., Longacre, T. A., Norton, J. A., Longaker, M. T.
LIPPINCOTT WILLIAMS & WILKINS.2022: S53-S54

- **Inhibition of Yes-Associated Protein Promotes Skin Wound Regeneration in Large Animals**

Januszyk, M., Talbott, H. E., Griffin, M., Guardino, N., Spielman, A., Guo, J. L., Mascharak, S., Wan, D. C., Longaker, M. T.
LIPPINCOTT WILLIAMS & WILKINS.2022: S196

- **Denervation During Mouse and Human Mandibular Distraction Osteogenesis Results in Impaired Osteogenesis**

Tevlin, R., Griffin, M., Chen, K., Januszyk, M., Wan, D. C., Longaker, M. T.
LIPPINCOTT WILLIAMS & WILKINS.2022: S202

- **Adipocytes the Forgotten Culprit in Skin Fibrosis: Exploring the Mechanism of Fat Driven Skin Fibrosis**

Griffin, M., Guardino, N., Spielman, A. F., Mascharak, S., Parker, J. L., Guo, J. L., Abbas, D., Wan, D. C., Bauer-Rowe, K. E., Longaker, M. T.
LIPPINCOTT WILLIAMS & WILKINS.2022: S199

- **Adipocyte Progenitor Cells Embedded in Collagen Gels Accelerate Bone Formation in a Murine Calvarial Critical Defect Model**

Cotterell, A. C., Griffin, M., Guardino, N., Spielman, A. F., Lintel, H., Abbas, D., Guo, J. L., Parker, J. L., Wan, D. C., Longaker, M. T.
LIPPINCOTT WILLIAMS & WILKINS.2022: S198-S199

- **Transdermal Deferoxamine Improves Acute Wound Healing in Chronic Irradiated Skin in a Mouse Model**

Lintel, H., Abbas, D., Lavin, C., Griffin, M., Guo, J. L., Guardino, N., Churukian, A., Chen, K., Longaker, M. T., Wan, D. C.
LIPPINCOTT WILLIAMS & WILKINS.2022: S211-S212

- **Fibroblast Subpopulations Are Modified with Fat Grafting to Treat Radiation-Induced Fibrosis**

Abbas, D. B., Guo, J. L., Griffin, M., Lintel, H., Guardino, N. J., Berry, C. E., Pu, A., Longaker, M. T., Wan, D. C.
LIPPINCOTT WILLIAMS & WILKINS.2022: S202-S203

- **Semantics Matter: Cheiloschisis Web-Based Information Differs from Cleft Lip**

Abbas, D. B., Lintel, H., Guardino, N. J., Griffin, M., Guo, J. L., Cotterell, A. C., Spielman, A. F., Parker, J. L., Longaker, M. T., Wan, D. C.
LIPPINCOTT WILLIAMS & WILKINS.2022: S209

- **Where There Is Fat There Is Fibrosis: Elucidating the Mechanisms of Creeping Fat-Driven Stricture Formation**

Bauer-Rowe, K. E., Kim, A., Griffin, M., Foster, D., Guardino, N., Guo, J. L., Talbott, H. E., Norton, J. A., Hyun, J. S., Longaker, M. T.
LIPPINCOTT WILLIAMS & WILKINS.2022: S59-S60

- **Multi-Modal Analysis of Cell Populations and Architectural States Mediating the Progression and Resolution of Pulmonary Fibrosis**

Guo, J. L., Griffin, M., Guardino, N. J., Abbas, D., Lu, J., Spielman, A., Lintel, H., Cotterell, A. C., Wan, D. C., Longaker, M. T.
LIPPINCOTT WILLIAMS & WILKINS.2022: S82

- **Engrailed-Positive Fibroblasts: The Primary Cell Type Present in Fibrotic Capsules During Foreign Body Response**

Parker, J. B., Griffin, M., Mascharak, S., Spielman, A., Cotterell, A. C., Abbas, D., Lintel, H., Januszyk, M., Wan, D. C., Longaker, M. T.
LIPPINCOTT WILLIAMS & WILKINS.2022: S68

- **Reversal of Senescence in Skin-derived Fibroblasts Using Exogenous Mechanical Stimulation**

Guo, J. L., Griffin, M., Guardino, N. J., Chen, K., Cotterell, A. C., Abbas, D., Spielman, A., Lintel, H., Wan, D. C., Longaker, M. T.
LIPPINCOTT WILLIAMS & WILKINS.2022: S70

- **Multiomic analysis reveals conservation of cancer-associated fibroblast phenotypes across species and tissue of origin.** *Cancer cell*

Foster, D. S., Januszyk, M., Delitto, D., Yost, K. E., Griffin, M., Guo, J., Guardino, N., Delitto, A. E., Chinta, M., Burcham, A. R., Nguyen, A. T., Bauer-Rowe, K. E., Titan, et al
2022

- **Characterization of Mechanoresponsive Inflammatory Cells during Wound Healing**

Chen, K., Griffin, M., Henn, D., Bonham, C. A., Fischer, K., Padmanabhan, J., Trotsyuk, A. A., Sivaraj, D., Leeolou, M., Kussie, H. C., Huskins, S., Steele, S., Perrault, et al
WILEY.2022: A22

- **Wound healing, fibroblast heterogeneity, and fibrosis.** *Cell stem cell*

Talbott, H. E., Mascharak, S., Griffin, M., Wan, D. C., Longaker, M. T.
2022; 29 (8): 1161-1180

- **Exploring the Overlooked Roles and Mechanisms of Fibroblasts in the Foreign Body Response.** *Advances in wound care*

Parker, J., Griffin, M., Spielman, A. F., Wan, D. C., Longaker, M. T.
2022

- **Transdermal deferoxamine administration improves excisional wound healing in chronically irradiated murine skin.** *Journal of translational medicine*

Lintel, H., Abbas, D. B., Lavin, C. V., Griffin, M., Guo, J. L., Guardino, N., Churukian, A., Gurtner, G. C., Momeni, A., Longaker, M. T., Wan, D. C.
2022; 20 (1): 274

- **Profibrotic Signaling Pathways and Surface Markers Are Upregulated in Fibroblasts of Human Striae Distensae and in a Mouse Model System.** *Plastic and reconstructive surgery*

Borrelli, M. R., Griffin, M., Chen, K., Diaz, N. M., Adem, S., Mascharak, S., Shen, A. H., Ngaage, L. M., Lewis, N., Longaker, M. T., Gurtner, G., Wan, D. C., Lorenz, et al
2022

- **Beyond the Scar: A Basic Science Review of Wound Remodeling.** *Advances in wound care*

Spielman, A. F., Griffin, M., Parker, J., Cotterell, A. C., Wan, D. C., Longaker, M. T.
2022

- **Disrupting mechanotransduction decreases fibrosis and contracture in split-thickness skin grafting.** *Science translational medicine*

Chen, K., Henn, D., Januszyk, M., Barrera, J. A., Noishiki, C., Bonham, C. A., Griffin, M., Tevlin, R., Carlomagno, T., Shannon, T., Fehlmann, T., Trotsyuk, A. A., Padmanabhan, et al
2022; 14 (645): eabj9152

- **Fat Grafts Augmented With Vitamin E Improve Volume Retention and Radiation-Induced Fibrosis.** *Aesthetic surgery journal*

Abbas, D. B., Lavin, C. V., Fahy, E. J., Griffin, M., Guardino, N. J., Nazerali, R. S., Nguyen, D. H., Momeni, A., Longaker, M. T., Wan, D. C.
2022

- **Characterization of Mechanoresponsive Inflammatory Cells during Wound Healing**

Chen, K., Griffin, M., Henn, D., Bonham, C. A., Fischer, K., Padmanabhan, J., Trotsyuk, A. A., Sivaraj, D., Leeolou, M. C., Kussie, H. C., Huskins, S. L., Steele, S., Perrault, et al
WILEY.2022: A5

- **Overcoming Radiation Induced Oral Fibrosis Through The Down Regulation Of WNT Signaling Using BMP-7 Inhibitors**

Guardino, N., Griffin, M., Spielman, A. F., Abbas, D. B., King, M., Parker, J., Wan, D., Longaker, M. T.
WILEY.2022: A5

- **Adipocytes Transition To Pro-Fibrotic Fibroblasts And Contribute To Muscle Fibrosis Following Nerve Injury**

Spielman, A. F., Griffin, M., Guardino, N., desJardins-Park, H. E., Bauer-Rowe, K. E., Guo, J. L., Parker, J., Abbas, D. B., Wan, D., Longaker, M. T.
WILEY.2022: A3-A4

- **Vitamin E Treated Fat Grafts Demonstrate Improved Volume Retention And Decreased Radiation-Induced Fibrosis**

Abbas, D. B., Lavin, C. V., Fahy, E. J., Lintel, H., Griffin, M., Nazerali, R., Dung Nguyen, Momeni, A., Longaker, M. T., Wan, D.
WILEY.2022: A16

- **Mechanical Stimulation Reverses Pro-Fibrotic Transcriptional States in Senescent Fibroblasts**

Guo, J. L., Griffin, M., Guardino, N., Chen, K., Gurtner, G. C., Longaker, M. T.
WILEY.2022: A14-A16

- **Interactions Of Fibroblasts Versus Macrophages In An In Vitro Model Of Scar Formation And Wound Healing**

Huskins, S. L., Griffin, M., Steele, S., Thomas, B., Kussie, H. C., Sivaraj, D., Leeolou, M. C., Trotsyuk, A. A., Padmanabhan, J., Longaker, M. T., Gurtner, G. C., Chen, K.

WILEY.2022: A53-A54

- **The Oral Mucosa Hosts Distinct Fibroblast Subpopulations to Facilitate Regenerative Wound Repair**

Griffin, M., Cook, J., Bofelli, D., Guardino, N., Spielman, A. F., Januszyk, M., Chen, K., Abbas, D. B., Zwick, R., Klein, O., Longaker, M. T.
WILEY.2022: A12-A13

- **Transdermal Deferoxamine Enhances Wound Healing In Chronically Irradiated Skin In Mice**

Lintel, H., Abbas, D. B., Lavin, C. V., Griffin, M., Guardino, N., Guo, J. L., Spielman, A. F., Gurtner, G. C., Longaker, M. T., Wan, D.
WILEY.2022: A29-A30

- **Characterization of Mechanoresponsive Inflammatory Cells during Wound Healing**

Chen, K., Griffin, M., Henn, D., Bonham, C. A., Fischer, K., Padmanabhan, J., Trotsuk, A. A., Sivaraj, D., Leeolou, M. C., Kussie, H. C., Huskins, S. L., Steele, S., Perrault, et al
WILEY.2022: A31-A32

- **Tension offloading improves cutaneous scar formation in Achilles tendon repair.** *Journal of surgical case reports*

Abbas, D. B., Lintel, H., Griffin, M., Guardino, N. J., Guo, J. L., Spielman, A. F., Cotterell, A. C., Parker, J. B., Januszyk, M., Wan, D. C.
2022; 2022 (3): rjac066

- **Mechanical Stimulation Reverses Pro-Fibrotic Transcriptional States in Senescent Fibroblasts**

Guo, J. L., Griffin, M., Guardino, N., Chen, K., Gurtner, G. C., Longaker, M. T.
WILEY.2022: A33-A34

- **Impact of Incision Placement on Ischemic Complications in Microsurgical Breast Reconstruction.** *Plastic and reconstructive surgery*

Tevlin, R., Griffin, M., Karin, M., Wapnir, I., Momeni, A.
1800; 149 (2): 316-322

- **Multi-omic analysis reveals divergent molecular events in scarring and regenerative wound healing.** *Cell stem cell*

Mascharak, S., Talbott, H. E., Januszyk, M., Griffin, M., Chen, K., Davitt, M. F., Demeter, J., Henn, D., Bonham, C. A., Foster, D. S., Mooney, N., Cheng, R., Jackson, et al
1800

- **Harnessing a Feasible and Versatile ex vivo Calvarial Suture 2-D Culture System to Study Suture Biology.** *Frontiers in physiology*

Quarto, N., Menon, S., Griffin, M., Huber, J., Longaker, M. T.
2022; 13: 823661

- **Where There Is Fat There Is Fibrosis: Elucidating the Mechanisms of Creeping Fat-Driven Stricture Formation**

Bauer-Rowe, K. E., Griffin, M., Foster, D., desJardins-Park, H. E., Mascharak, S., Norton, J. A., Hyun, J. S., Longaker, M. T.
ELSEVIER SCIENCE INC.2021: S65

- **The Impact of Reconstructive Modality on the Severity of Postoperative Complications in Breast Reconstruction**

Pedreira, R., Tevlin, R., Griffin, M., Wan, D., Momeni, A.
ELSEVIER SCIENCE INC.2021: S211-S212

- **Analysis of Online Educational Materials Relating to Craniosynostosis**

Lavin, C. V., Fahy, E. J., Abbas, D. B., Deleon, N., Lee, D. K., Griffin, M., King, M. W., Guardino, N., Wan, D. C.
ELSEVIER SCIENCE INC.2021: S203-S204

- **Transdermal Deferoxamine in a Porcine Model Is a Safe Treatment to Improve Elasticity Secondary to Radiation-induced Fibrosis**

Abbas, D. B., Fahy, E. J., Lavin, C. V., Griffin, M., Deleon, N., King, M. E., Gurtner, G. C., Longaker, M. T., Wan, D. C.
ELSEVIER SCIENCE INC.2021: E164

- **CD34+CD146+Adipose-derived Stromal Cells (ASCs) Enrichment of Fat Grafts Enhance Regeneration of Irradiated Skin and Graft Retention**

Deleon, N., Abbas, D. B., Borrelli, M. R., Adem, S., Lavin, C. V., Griffin, M., King, M. E., Lee, D., Longaker, M. T., Wan, D. C.
ELSEVIER SCIENCE INC.2021: E198

- **Dermal Iron Chelation Reduces Indirect Radiation Injury**

Lavin, C. V., Fahy, E. J., Abbas, D. B., Griffin, M., Lee, D. K., Deleon, N., Guardino, N., Gurtner, G. C., Longaker, M. T., Wan, D. C.
ELSEVIER SCIENCE INC.2021: E155

- **Dorsal Skin Fibrosis Secondary to Radiation Is Mitigated by Fat Grafting in Engrailed-1 Mice**

Abbas, D. B., Fahy, E. J., Griffin, M., Lavin, C. V., Deleon, N., King, M. E., Lee, D., Longaker, M. T., Wan, D. C.
ELSEVIER SCIENCE INC.2021: E159-E160

- **Suprazygomatic Maxillary Nerve Blocking Reduces Postoperative Pain and Opioid Use Following Bimaxillary Osteotomy**
Lavin, C. V., Lee, D. K., Fahy, E. J., Abbas, D. B., Griffin, M., King, M. E., Momeni, A., Longaker, M. T., Wan, D. C.
ELSEVIER SCIENCE INC.2021: E157

- **Optimizing Cutometer Mpa 580 Calculated Parameters to Determine In-vivo Elasticity of Human Skin**
Abbas, D. B., Lavin, C. V., Fahy, E., Griffin, M., Guardino, N., Lee, D., Gurtner, G. C., Longaker, M. T., Wan, D. C.
ELSEVIER SCIENCE INC.2021: E162

- **Temperature Influence on Scanning Laser Doppler Flowmetry in Anesthetized Mice**
Fahy, E. J., Lavin, C. V., Abbas, D., Griffin, M., King, M. E., Longaker, M. T., Wan, D. C.
ELSEVIER SCIENCE INC.2021: E157

- **Acellular Dermal Matrix Grafts Decrease Radiation-Induced Contracture and Dermal Thickening**
Deleon, N., Lavin, C. D., Abbas, D., Griffin, M., King, M. E., Fahy, E. J., Longaker, M. T., Wan, D. C.
ELSEVIER SCIENCE INC.2021: E197

- **Adipose-Derived Stromal Cell (ASC) Subpopulation with Adipogenic Capabilities Increase Fat Graft Quality in Irradiated Tissue**
Deleon, N., Adem, S., Borrelli, M. R., Abbas, D. B., Lavin, C. V., Griffin, M., King, M. E., Lee, D., Longaker, M. T., Wan, D. C.
ELSEVIER SCIENCE INC.2021: E197-E198

- **Acellular Dermal Matrix Modulation of the Peri-Prosthetic Breast Microenvironment During Breast Reconstruction**
Tevlin, R., Januszyk, M., Griffin, M., Shefren, K., Chan, C. F., Momeni, A., Wan, D. C., Longaker, M. T.
ELSEVIER SCIENCE INC.2021: S195-S196

- **Fibroblast Sub-Populations Dynamically Change Composition to Heal Dorsal Skin Radiation Wounds in Wild-Type Mice**
Abbas, D. B., Griffin, M., Fahy, E. J., Lavin, C., Lee, D., Mascharak, S., King, M., Januszyk, M., Longaker, M. T., Wan, D. C.
ELSEVIER SCIENCE INC.2021: S207-S208

- **Adipose Precursor Cell-Embedded Collagen Gels Attenuate Inflammation and Improve Tissue Perfusion in Cutaneous Wounds**
Fahy, E. J., Griffin, M., Abbas, D., Lavin, C. V., King, M. E., Longaker, M. T., Wan, D. C.
ELSEVIER SCIENCE INC.2021: S196

- **Denervation During Mandibular Distraction Osteogenesis Results in Impaired Osteogenesis**
Tevlin, R., Januszyk, M., Griffin, M., Salhotra, A., Wan, D. C., Chan, C. F., Longaker, M. T.
ELSEVIER SCIENCE INC.2021: S196-S197

- **Topical Deferoxamine Patch Is Superior to Direct Injection for the Treatment of Radiation-Induced Skin Fibrosis**
Lavin, C. V., Abbas, D. B., Fahy, E. J., Lee, D. K., Griffin, M., Deleon, N., Mascharak, S., Gurtner, G. C., Longaker, M. T., Wan, D. C.
ELSEVIER SCIENCE INC.2021: S202-S203

- **Effects of beta(3) Adrenergic Receptor Agonist Treatment in Murine Full Thickness Dorsal Cutaneous Wounds**
Fahy, E. J., Griffin, M., Abbas, D., Lavin, C. V., King, M. E., Lee, D., Longaker, M. T., Wan, D. C.
ELSEVIER SCIENCE INC.2021: S197-S198

- **Single-Cell RNA Sequencing Reveals Fibroblast Heterogeneity Across Mouse and Human Embryonic Origins**
Griffin, M., King, M. W., Guardino, N., Tevlin, R., Fahy, E. J., Mascharak, S., Abbas, D., Lavin, C. V., Wan, D., Longaker, M.
ELSEVIER SCIENCE INC.2021: S201-S202

- **Local Vitamin E Administration Improves Fat Graft Retention and Radiation-Induced Fibrosis in a Mouse Model**
Abbas, D. B., Lavin, C. V., Fahy, E. J., Griffin, M., King, M. E., Lee, D., Dung Nguyen, Longaker, M. T., Wan, D. C.
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