

Stanford



Derrick Wan

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- **Pediatric Surgical Specialties Clinic**

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CLINICAL FOCUS

- Plastic and Reconstructive Surgery

ACADEMIC APPOINTMENTS

- Associate Professor - Med Center Line, Surgery - Plastic & Reconstructive Surgery
- Member, Maternal & Child Health Research Institute (MCHRI)

PROFESSIONAL EDUCATION

- Residency: UCSF General Surgery Residency (2007) CA
- Board Certification: Plastic and Reconstructive Surgery, American Board of Plastic Surgery (2012)
- Medical Education: Columbia University (2001) NY
- Internship: New York University Med Ctr (2002) NY
- Residency, UCLA - Plastic Surgery , CA (2009)
- Fellowship, UCLA - Craniofacial Surgery , CA (2010)
- Fellowship, Chang Gung Memorial Hospital - Microsurgery , Taiwan (2011)

Publications

PUBLICATIONS

- **Identifying risk factors for postoperative major complications in staged implant-based breast reconstruction with AlloDerm** *BREAST JOURNAL*
Remington, A. C., Gurtner, G. C., Wan, D. C., Nguyen, D., Momeni, A.
2019; 25 (4): 597–603
- **Postoperative analgesia after microsurgical breast reconstruction using liposomal bupivacaine (Exparel).** *The breast journal*

- Momeni, A., Ramesh, N. K., Wan, D., Nguyen, D., Sorice, S. C.
2019
- **Identifying risk factors for postoperative major complications in staged implant-based breast reconstruction with AlloDerm.** *The breast journal*
Remington, A. C., Gurtner, G. C., Wan, D. C., Nguyen, D., Momeni, A.
2019
 - **Acellular Dermal Matrix Reduces Myofibroblast Presence in the Breast Capsule.** *Plastic and reconstructive surgery. Global open*
Tevlin, R., Borrelli, M. R., Irizarry, D., Nguyen, D., Wan, D. C., Momeni, A.
2019; 7 (5): e2213
 - **Pro-Fibrotic CD26-Positive Fibroblasts are Present in Greater Abundance in Breast Capsule Tissue of Irradiated Breasts.** *Aesthetic surgery journal*
Borrelli, M. R., Irizarry, D., Patel, R. A., Nguyen, D., Momeni, A., Longaker, M. T., Wan, D. C.
2019
 - **Fat Grafting into Younger Recipients Improves Volume Retention in an Animal Model** *PLASTIC AND RECONSTRUCTIVE SURGERY*
Chung, N. N., Ransom, R. C., Blackshear, C. P., Irizarry, D. M., Yen, D., Momeni, A., Lee, G. K., Nguyen, D. H., Longaker, M. T., Wan, D. C.
2019; 143 (4): 1067–75
 - **Beneath the Surface: A Review of Laser Remodeling of Hypertrophic Scars and Burns** *ADVANCES IN WOUND CARE*
Kuehlmann, B., Stern-Buchbinder, Z., Wan, D. C., Friedstat, J. S., Gurtner, G. C.
2019; 8 (4): 168–76
 - **The Spectrum of Scarring in Craniofacial Wound Repair** *FRONTIERS IN PHYSIOLOGY*
desJardins-Park, H. E., Mascharak, S., Chinta, M. S., Wan, D. C., Longaker, M. T.
2019; 10
 - **Fat Chance: The Rejuvenation of Irradiated Skin** *PLASTIC AND RECONSTRUCTIVE SURGERY-GLOBAL OPEN*
Borrelli, M. R., Patel, R. A., Sokol, J., Dung Nguyen, Momeni, A., Longaker, M. T., Wan, D. C.
2019; 7 (2): e2092
 - **Fat Grafting into Younger Recipients Improves Volume Retention in an Animal Model.** *Plastic and reconstructive surgery*
Chung, N. N., Ransom, R. C., Blackshear, C. P., Irizarry, D. M., Yen, D., Momeni, A., Lee, G. K., Nguyen, D. H., Longaker, M. T., Wan, D. C.
2019
 - **The Spectrum of Scarring in Craniofacial Wound Repair.** *Frontiers in physiology*
desJardins-Park, H. E., Mascharak, S., Chinta, M. S., Wan, D. C., Longaker, M. T.
2019; 10: 322
 - **In Vitro and In Vivo Osteogenic Differentiation of Human Adipose-Derived Stromal Cells.** *Methods in molecular biology (Clifton, N.J.)*
Marshall, C. D., Brett, E. A., Moore, A. L., Wan, D. C., Longaker, M. T.
2019; 1891: 9–18
 - **Honey bee Royalactin unlocks conserved pluripotency pathway in mammals.** *Nature communications*
Wan, D. C., Morgan, S. L., Spencley, A. L., Mariano, N., Chang, E. Y., Shankar, G., Luo, Y., Li, T. H., Huh, D., Huynh, S. K., Garcia, J. M., Dovey, C. M., Lumb, et al
2018; 9 (1): 5078
 - **Reply: Deferoxamine Preconditioning of Irradiated Tissue Improves Perfusion and Fat Graft Retention.** *Plastic and reconstructive surgery*
Wan, D. C.
2018; 142 (6): 978e
 - **Discussion: CRISPR Craft: DNA Editing the Reconstructive Ladder** *PLASTIC AND RECONSTRUCTIVE SURGERY*
Hu, M. S., Longaker, M. T., Wan, D. C.
2018; 142 (5): 1365–66
 - **Mechanoresponsive stem cells acquire neural crest fate in jaw regeneration.** *Nature*
Ransom, R. C., Carter, A. C., Salhotra, A., Leavitt, T., Marecic, O., Murphy, M. P., Lopez, M. L., Wei, Y., Marshall, C. D., Shen, E. Z., Jones, R. E., Sharir, A., Klein, et al
2018

- **Author Correction: Genetic dissection of clonal lineage relationships with hydroxytamoxifen liposomes.** *Nature communications*
Ransom, R. C., Foster, D. S., Salhotra, A., Jones, R. E., Marshall, C. D., Leavitt, T., Murphy, M. P., Moore, A. L., Blackshear, C. P., Brett, E. A., Wan, D. C., Longaker, M. T.
2018; 9 (1): 4411
- **Nerve-Dependent Mandibular Regeneration by Skeletal Stem Cells in Fracture Repair**
Jones, R., Ransom, R. C., Salhotra, A., Foster, D. S., Wan, D. C., Longaker, M. T.
ELSEVIER SCIENCE INC.2018: S197
- **Identification of the Human Skeletal Stem Cell.** *Cell*
Chan, C. K., Gulati, G. S., Sinha, R., Tompkins, J. V., Lopez, M., Carter, A. C., Ransom, R. C., Reinisch, A., Wearda, T., Murphy, M., Brewer, R. E., Koepke, L. S., Marecic, et al
2018; 175 (1): 43
- **Utilizing Confocal Microscopy to Characterize Human and Mouse Adipose Tissue.** *Tissue engineering. Part C, Methods*
Blackshear, C., Borrelli, M. R., Shen, E. Z., Ransom, R. C., Chung, N. N., Vistnes, S., Irizarry, D., Nazerali, R., Momeni, A., Longaker, M. T., Wan, D. C.
2018
- **Determining the impact of sarcopenia on postoperative complications after ventral hernia repair.** *Journal of plastic, reconstructive & aesthetic surgery : JPRAS*
Barnes, L. A., Li, A. Y., Wan, D. C., Momeni, A.
2018; 71 (9): 1260–68
- **Genetic dissection of clonal lineage relationships with hydroxytamoxifen liposomes.** *Nature communications*
Ransom, R. C., Foster, D. S., Salhotra, A., Jones, R. E., Marshall, C. D., Leavitt, T., Murphy, M. P., Moore, A. L., Blackshear, C. P., Wan, D. C., Longaker, M. T.
2018; 9 (1): 2971
- **Opinions on Authorship: A Survey of Plastic Surgery Residents and Fellows** *ANNALS OF PLASTIC SURGERY*
Momeni, A., Hunter, C., Li, A. Y., Safa, B., Wan, D. C., Kneser, U.
2018; 80 (6): 660–63
- **Pathway Analysis of Gene Expression in Murine Fetal and Adult Wounds** *ADVANCES IN WOUND CARE*
Hu, M. S., Hong, W., Januszyk, M., Walmsley, G. G., Luan, A., Maan, Z. N., Moshrefi, S., Tevlin, R., Wan, D. C., Gurtner, G. C., Longaker, M. T., Lorenz, H.
2018
- **Three-Dimensional Ultrasound Versus Computerized Tomography in Fat Graft Volumetric Analysis** *ANNALS OF PLASTIC SURGERY*
Blackshear, C., Rector, M., Chung, N., Irizarry, D., Flacco, J., Brett, E., Momeni, A., Lee, G., Longaker, M. T., Wan, D. C.
2018; 80 (3): 293–96
- **Deferoxamine Preconditioning of Irradiated Tissue Improves Perfusion and Fat Graft Retention** *PLASTIC AND RECONSTRUCTIVE SURGERY*
Flacco, J., Chung, N., Blackshear, C. P., Irizarry, D., Momeni, A., Lee, G. K., Dung Nguyen, Gurtner, G. C., Longaker, M. T., Wan, D. C.
2018; 141 (3): 655–65
- **Mesenchymal Stromal Cells and Cutaneous Wound Healing: A Comprehensive Review of the Background, Role, and Therapeutic Potential** *STEM CELLS INTERNATIONAL*
Hu, M. S., Borrelli, M. R., Lorenz, H., Longaker, M. T., Wan, D. C.
2018: 6901983
- **Pathway Analysis of Gene Expression in Murine Fetal and Adult Wounds.** *Advances in wound care*
Hu, M. S., Hong, W. X., Januszyk, M., Walmsley, G. G., Luan, A., Maan, Z. N., Moshrefi, S., Tevlin, R., Wan, D. C., Gurtner, G. C., Longaker, M. T., Lorenz, H. P.
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- **Discussion: CRISPR Craft: DNA Editing the Reconstructive Ladder.** *Plastic and reconstructive surgery*
Hu, M. S., Longaker, M. T., Wan, D. C.
2018; 142 (5): 1365–66
- **An Improved Humanized Mouse Model for Excisional Wound Healing Using Double Transgenic Mice** *ADVANCES IN WOUND CARE*
Hu, M. S., Cheng, J., Borrelli, M. R., Leavitt, T., Walmsley, G. G., Zielins, E. R., Hong, W., Cheung, A. M., Duscher, D., Maan, Z. N., Irizarry, D. M., Stephan, B., Parsa, et al

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- **Prrx1 Labels the Fibrogenic Fibroblast in the Ventral Dermis**
Hu, M., Leavitt, T., Garcia, J., Ransom, R., Litzenburger, U., Walmsley, G., Marshall, C., Moore, A., Mascharak, S., Chan, C., Wan, D., Lorenz, P., Chang, et al
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- **Noncoding RNAs in Wound Healing: A New and Vast Frontier** *ADVANCES IN WOUND CARE*
Luan, A., Hu, M. S., Leavitt, T., Brett, E. A., Wang, K. C., Longaker, M. T., Wan, D. C.
2018; 7 (1): 19–27
- **Ultrasound-assisted liposuction provides a source for functional adipose-derived stromal cells** *CYTOTHERAPY*
Duscher, D., Maan, Z. N., Luan, A., Aitzetmueller, M. M., Brett, E. A., Atashroo, D., Whittam, A. J., Hu, M. S., Walmsley, G. G., Houschyar, K. S., Schilling, A. F., Machens, H., Gurtner, et al
2017; 19 (12): 1491–1500
- **Cell-Based Soft Tissue Reconstruction in a Hydrogel Scaffold** *ANNALS OF PLASTIC SURGERY*
Blackshear, C. P., Flacco, J. S., Vistnes, S. M., Chung, N. N., Irizarry, D., Brett, E. A., Yen, D. J., Momeni, A., Longaker, M. T., Wan, D. C.
2017; 79 (6): 618–22
- **Calvarial Defects: Cell-Based Reconstructive Strategies in the Murine Model** *TISSUE ENGINEERING PART C-METHODS*
Murphy, M. P., Quarto, N., Longaker, M. T., Wan, D. C.
2017; 23 (12): 971–81
- **Is Distraction Osteogenesis of the Irradiated Craniofacial Skeleton Contraindicated?** *JOURNAL OF CRANIOFACIAL SURGERY*
Momeni, A., Januszyk, M., Wan, D. C.
2017; 28 (5): 1236–41
- **Dynamic Rheology for the Prediction of Surgical Outcomes in Autologous Fat Grafting.** *Plastic and reconstructive surgery*
Luan, A., Zielins, E. R., Wearda, T., Atashroo, D. A., Blackshear, C. P., Raphael, J., Brett, E. A., Flacco, J., Alyono, M. C., Momeni, A., Heilshorn, S., Longaker, M. T., Wan, et al
2017
- **Isolation of CD248-expressing stromal vascular fraction for targeted improvement of wound healing.** *Wound repair and regeneration*
Brett, E., Zielins, E. R., Chin, M., Januszyk, M., Blackshear, C. P., Findlay, M., Momeni, A., Gurtner, G. C., Longaker, M. T., Wan, D. C.
2017
- **A Review of Cell-Based Strategies for Soft Tissue Reconstruction.** *Tissue engineering. Part B, Reviews*
Brett, E., Chung, N., Leavitt, W. T., Momeni, A., Longaker, M. T., Wan, D. C.
2017
- **Discussion: Regeneration of Vascularized Corticocancellous Bone and Diploic Space Using Muscle-Derived Stem Cells: A Translational Biologic Alternative for Healing Critical Bone Defects** *PLASTIC AND RECONSTRUCTIVE SURGERY*
Irizarry, D. M., Wan, D. C.
2017; 139 (4): 908–9
- **Purified Adipose-Derived Stromal Cells Provide Superior Fat Graft Retention Compared with Unenriched Stromal Vascular Fraction** *PLASTIC AND RECONSTRUCTIVE SURGERY*
Zielins, E. R., Brett, E. A., Blackshear, C. P., Flacco, J., Ransom, R. C., Longaker, M. T., Wan, D. C.
2017; 139 (4): 911–14
- **Excess Dermal Tissue Remodeling In Vivo: Does It Settle?** *Plastic and reconstructive surgery*
Leavitt, T., Hu, M. S., Zielins, E. R., Barnes, L. A., Marshall, C. D., Wan, D. C., Lorenz, H. P., Gurtner, G. C., Longaker, M. T.
2017; 139 (2): 415e-424e
- **Rapid Isolation of BMPR-IB plus Adipose-Derived Stromal Cells for Use in a Calvarial Defect Healing Model** *JOVE-JOURNAL OF VISUALIZED EXPERIMENTS*
Marshall, C. D., Zielins, E. R., Brett, E. A., Blackshear, C. P., Hu, M. S., Leavitt, T., Barnes, L. A., Lorenz, H. P., Longaker, M. T., Wan, D. C.
2017
- **Rapid Isolation of BMPR-IB plus Adipose-Derived Stromal Cells for Use in a Calvarial Defect Healing Model** *JOVE-JOURNAL OF VISUALIZED EXPERIMENTS*

- Marshall, C. D., Zielins, E. R., Brett, E. A., Blackshear, C. P., Hu, M. S., Leavitt, T., Barnes, L. A., Lorenz, H. P., Longaker, M. T., Wan, D. C.
2017
- **Pharmacological rescue of diabetic skeletal stem cell niches.** *Science translational medicine*
Tevlin, R., Seo, E. Y., Marecic, O., McArdle, A., Tong, X., Zimdahl, B., Malkovskiy, A., Sinha, R., Gulati, G., Li, X., Wearda, T., Morganti, R., Lopez, et al
2017; 9 (372)
 - **Biomimetics of Bone Implants: The Regenerative Road.** *BioResearch open access*
Brett, E., Flacco, J., Blackshear, C., Longaker, M. T., Wan, D. C.
2017; 6 (1): 1-6
 - **Human Adipose-Derived Stromal Cell Isolation Methods and Use in Osteogenic and Adipogenic In Vivo Applications.** *Current protocols in stem cell biology*
Brett, E., Tevlin, R., McArdle, A., Seo, E. Y., Chan, C. K., Wan, D. C., Longaker, M. T.
2017; 43
 - **Impact of a Cleft and Craniofacial Center on an Academic Health System.** *Plastic and reconstructive surgery*
Pourtaheri, N., Kearney, A., Wan, D. C., Lakin, G. E.
2017; 140 (4): 587e–597e
 - **Magnetic Nanoparticle-Based Upregulation of B-Cell Lymphoma 2 Enhances Bone Regeneration.** *Stem cells translational medicine*
Brett, E., Zielins, E. R., Luan, A., Ooi, C. C., Shailendra, S., Atashroo, D., Menon, S., Blackshear, C., Flacco, J., Quarto, N., Wang, S. X., Longaker, M. T., Wan, et al
2017; 6 (1): 151-160
 - **Commentary on: Adipose Stem Cell Function Maintained with Age: An Intra-Subject Study of Long-Term Cryopreserved Cells.** *Aesthetic surgery journal*
Irizarry, D., Longaker, M. T., Wan, D. C.
2016
 - **A Novel Method of Human Adipose-Derived Stem Cell Isolation with Resultant Increased Cell Yield** *PLASTIC AND RECONSTRUCTIVE SURGERY*
Tevlin, R., McArdle, A., Brett, E., Chung, M. T., Paik, K., Seo, E. Y., Walmsley, G. G., Duldulao, C. R., Atashroo, D., Zielins, E., Vistnes, S., Chan, C. K., Wan, et al
2016; 138 (6): 983E-996E
 - **Commentary on: The Effects of Fat Harvesting and Preparation, Air Exposure, Obesity, and Stem Cell Enrichment on Adipocyte Viability Prior to Graft Transplantation.** *Aesthetic surgery journal*
Blackshear, C. P., Longaker, M. T., Wan, D. C.
2016; 36 (10): 1174-1175
 - **Stem Cells in Bone Regeneration** *STEM CELL REVIEWS AND REPORTS*
Walmsley, G. G., Ransom, R. C., Zielins, E. R., Leavitt, T., Flacco, J. S., Hu, M. S., Lee, A. S., Longaker, M. T., Wan, D. C.
2016; 12 (5): 524-529
 - **Systematic Reviews in Craniofacial Trauma-Strengths and Weaknesses.** *Annals of plastic surgery*
Hunter, C., Januszyk, M., Wan, D. C., Momeni, A.
2016; 77 (3): 363-368
 - **Magnetic Nanoparticle-Based Upregulation of B-Cell Lymphoma 2 Enhances Bone Regeneration.** *Stem cells translational medicine*
Brett, E., Zielins, E. R., Luan, A., Ooi, C. C., Shailendra, S., Atashroo, D., Menon, S., Blackshear, C., Flacco, J., Quarto, N., Wang, S. X., Longaker, M. T., Wan, et al
2016
 - **Scaffold-mediated BMP-2 minicircle DNA delivery accelerated bone repair in a mouse critical-size calvarial defect model** *JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A*
Keeney, M., Chung, M. T., Zielins, E. R., Paik, K. J., McArdle, A., Morrison, S. D., Ransom, R. C., Barbhैया, N., Atashroo, D., Jacobson, G., Zare, R. N., Longaker, M. T., Wan, et al
2016; 104 (8): 2099-2107
 - **Clinical Use of Deferoxamine in Distraction Osteogenesis of Irradiated Bone** *JOURNAL OF CRANIOFACIAL SURGERY*
Momeni, A., Rapp, S., Donneys, A., Buchman, S. R., Wan, D. C.
2016; 27 (4): 880-882

- **Winner of the Young Investigator Award of the Society for Biomaterials at the 10th World Biomaterials Congress, May 17-22, 2016, Montreal QC, Canada: Microribbon-based hydrogels accelerate stem cell-based bone regeneration in a mouse critical-size cranial defect model** *JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A*
Han, L., Conrad, B., Chung, M. T., Deveza, L., Jiang, X., Wang, A., Butte, M. J., Longaker, M. T., Wan, D., Yang, F.
2016; 104 (6): 1321-1331
- **Suction assisted liposuction does not impair the regenerative potential of adipose derived stem cells** *JOURNAL OF TRANSLATIONAL MEDICINE*
Duscher, D., Luan, A., Rennert, R. C., Atashroo, D., Maan, Z. N., Brett, E. A., Whittam, A. J., Ho, N., Lin, M., Hu, M. S., Walmsley, G. G., Wenny, R., Schmidt, et al
2016; 14
- **Mandibular Distraction in a Patient With Type II Collagenopathy.** *journal of craniofacial surgery*
Garza, R. M., Alyono, J. C., Dorfman, D. W., Wan, D. C.
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- **Microsurgical ear replantation is venous repair necessary? A systematic review** *MICROSURGERY*
Momeni, A., Liu, X., Januszyk, M., Wan, D. C., Buncke, G. M., Buntic, R. F., Parrett, B. M.
2016; 36 (4): 345-350
- **Small Molecule Inhibition of Transforming Growth Factor Beta Signaling Enables the Endogenous Regenerative Potential of the Mammalian Calvarium** *TISSUE ENGINEERING PART A*
Senarath-Yapa, K., Li, S., Walmsley, G. G., Zielins, E., Paik, K., Britto, J. A., Grigoriadis, A. E., Wan, D. C., Liu, K. J., Longaker, M. T., Quarto, N.
2016; 22 (9-10): 707-720
- **Autologous Fat Grafting: The Science Behind the Surgery.** *Aesthetic surgery journal*
Zielins, E. R., Brett, E. A., Longaker, M. T., Wan, D. C.
2016; 36 (4): 488-496
- **Discussion: In Vitro Validation of a Closed Device Enabling the Purification of the Fluid Portion of Liposuction Aspirates.** *Plastic and reconstructive surgery*
Zielins, E. R., Longaker, M. T., Wan, D. C.
2016; 137 (4): 1168-1170
- **Stem and progenitor cells: advancing bone tissue engineering.** *Drug delivery and translational research*
Tevlin, R., Walmsley, G. G., Marecic, O., Hu, M. S., Wan, D. C., Longaker, M. T.
2016; 6 (2): 159-173
- **Cell-Assisted Lipotransfer Improves Volume Retention in Irradiated Recipient Sites and Rescues Radiation-Induced Skin Changes** *STEM CELLS*
Luan, A., Duscher, D., Whittam, A. J., Paik, K. J., Zielins, E. R., Brett, E. A., Atashroo, D. A., Hu, M. S., Lee, G. K., Gurtner, G. C., Longaker, M. T., Wan, D. C.
2016; 34 (3): 668-673
- **Cell-Assisted Lipotransfer Improves Volume Retention in Irradiated Recipient Sites and Rescues Radiation-Induced Skin Changes.** *Stem cells*
Luan, A., Duscher, D., Whittam, A. J., Paik, K. J., Zielins, E. R., Brett, E. A., Atashroo, D. A., Hu, M. S., Lee, G. K., Gurtner, G. C., Longaker, M. T., Wan, D. C.
2016; 34 (3): 668-673
- **Ultrasound-Assisted Liposuction Does Not Compromise the Regenerative Potential of Adipose-Derived Stem Cells.** *Stem cells translational medicine*
Duscher, D., Atashroo, D., Maan, Z. N., Luan, A., Brett, E. A., Barrera, J., Khong, S. M., Zielins, E. R., Whittam, A. J., Hu, M. S., Walmsley, G. G., Pollhammer, M. S., Schmidt, et al
2016; 5 (2): 248-257
- **Enrichment of Adipose-Derived Stromal Cells for BMPRI1 Facilitates Enhanced Adipogenesis** *TISSUE ENGINEERING PART A*
Zielins, E. R., Paik, K., Ransom, R. C., Brett, E. A., Blackshear, C. P., Luan, A., Walmsley, G. G., Atashroo, D. A., Senarath-Yapa, K., Momeni, A., Rennert, R., Sorkin, M., Seo, et al
2016; 22 (3-4): 214-221
- **Short Hairpin RNA Silencing of PHD-2 Improves Neovascularization and Functional Outcomes in Diabetic Wounds and Ischemic Limbs.** *PloS one*
Paik, K. J., Maan, Z. N., Zielins, E. R., Duscher, D., Whittam, A. J., Morrison, S. D., Brett, E. A., Ransom, R. C., Hu, M. S., Wu, J. C., Gurtner, G. C., Longaker, M. T., Wan, et al
2016; 11 (3)
- **The role of stem cells in limb regeneration** *ORGANOGENESIS*

- Zielins, E. R., Ransom, R. C., Leavitt, T. E., Longaker, M. T., Wan, D. C.
2016; 12 (1): 16-27
- **Reply: Studies in Fat Grafting: Part V. Cell-Assisted Lipotransfer to Enhance Fat Graft Retention Is Dose Dependent** *PLASTIC AND RECONSTRUCTIVE SURGERY*
Zielins, E. R., Longaker, M. T., Wan, D. C.
2015; 136 (6): 850E-851E
 - **RNA Sequencing for Identification of Differentially Expressed Noncoding Transcripts during Adipogenic Differentiation of Adipose-Derived Stromal Cells.** *Plastic and reconstructive surgery*
Luan, A., Paik, K. J., Li, J., Zielins, E. R., Atashroo, D. A., Spencley, A., Momeni, A., Longaker, M. T., Wang, K. C., Wan, D. C.
2015; 136 (4): 752-763
 - **How "Low-Level" Evidence Has Changed Plastic Surgery: Time to Appreciate the Value of Case Reports and Case Series.** *Annals of plastic surgery*
Momeni, A., Wan, D. C.
2015; 75 (4): 361-363
 - **High-Throughput Screening of Surface Marker Expression on Undifferentiated and Differentiated Human Adipose-Derived Stromal Cells** *TISSUE ENGINEERING PART A*
Walmsley, G. G., Atashroo, D. A., Maan, Z. N., Hu, M. S., Zielins, E. R., Tsai, J. M., Duscher, D., Paik, K., Tevlin, R., Marecic, O., Wan, D. C., Gurtner, G. C., Longaker, et al
2015; 21 (15-16): 2281-2291
 - **What Makes a Plastic Surgery Residency Program Attractive? An Applicant's Perspective** *PLASTIC AND RECONSTRUCTIVE SURGERY*
Atashroo, D. A., Luan, A., Vyas, K. S., Zielins, E. R., Maan, Z., Duscher, D., Walmsley, G. G., Lynch, M. P., Davenport, D. L., Wan, D. C., Longaker, M. T., Vasconez, H. C.
2015; 136 (1): 189-196
 - **Nanotechnology in bone tissue engineering** *NANOMEDICINE-NANOTECHNOLOGY BIOLOGY AND MEDICINE*
Walmsley, G. G., McArdle, A., Tevlin, R., Momeni, A., Atashroo, D., Hu, M. S., Feroze, A. H., Wong, V. W., Lorenz, P. H., Longaker, M. T., Wan, D. C.
2015; 11 (5): 1253-1263
 - **Studies in Fat Grafting: Part V. Cell-Assisted Lipotransfer to Enhance Fat Graft Retention Is Dose Dependent** *PLASTIC AND RECONSTRUCTIVE SURGERY*
Paik, K. J., Zielins, E. R., Atashroo, D. A., Maan, Z. N., Duscher, D., Luan, A., Walmsley, G. G., Momeni, A., Vistnes, S., Gurtner, G. C., Longaker, M. T., Wan, D. C.
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