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Publications

PUBLICATIONS

- **Digit Tip Regeneration Relies on Germ Layer Restricted Wnt and Hedgehog Signaling**
Maan, Z. N., Januszyk, M., Rinkevich, Y., Weissman, I., Gurtner, G.
ELSEVIER SCIENCE INC.2019: S220–S221
- **Small molecule inhibition of dipeptidyl peptidase-4 enhances bone marrow progenitor cell function and angiogenesis in diabetic wounds** *TRANSLATIONAL RESEARCH*
Whittam, A. J., Maan, Z. N., Duscher, D., Barrera, J. A., Hu, M. S., Fischer, L. H., Khong, S., Kwon, S., Wong, V. W., Walmsley, G. G., Giacco, F., Januszyk, M., Brownlee, et al
2019; 205: 51–63
- **Small molecule inhibition of dipeptidyl peptidase-4 enhances bone marrow progenitor cell function and angiogenesis in diabetic wounds.** *Translational research : the journal of laboratory and clinical medicine*
Whittam, A. J., Maan, Z. N., Duscher, D., Barrera, J. A., Hu, M. S., Fischer, L. H., Khong, S., Kwon, S. H., Wong, V. W., Walmsley, G. G., Giacco, F., Januszyk, M., Brownlee, et al
2018
- **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
- **Pathway Analysis of Gene Expression of E14 Versus E18 Fetal Fibroblasts** *ADVANCES IN WOUND CARE*
Hu, M. S., Borrelli, M. R., Januszyk, M., Luan, A., Malhotra, S., Walmsley, G. G., Hong, W., Tevlin, R., Gurtner, G. C., Longaker, M. T., Lorenz, H. P.
2018; 7 (1): 1–10
- **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.
2018; 7 (8): 262–75
- **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
- **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
- **Comparison of the Hydroxylase Inhibitor Dimethylxalylglycine and the Iron Chelator Deferoxamine in Diabetic and Aged Wound Healing.** *Plastic and reconstructive surgery*
Duscher, D., Januszyk, M., Maan, Z. N., Whittam, A. J., Hu, M. S., Walmsley, G. G., Dong, Y., Khong, S. M., Longaker, M. T., Gurtner, G. C.
2017; 139 (3): 695e-706e
- **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)

- **The Role of Focal Adhesion Kinase in Keratinocyte Fibrogenic Gene Expression.** *International journal of molecular sciences*
Januszyk, M., Kwon, S. H., Wong, V. W., Padmanabhan, J., Maan, Z. N., Whittam, A. J., Major, M. R., Gurtner, G. C.
2017; 18 (9)
- **Delivery of monocyte lineage cells in a biomimetic scaffold enhances tissue repair.** *JCI insight*
Hu, M. S., Walmsley, G. G., Barnes, L. A., Weiskopf, K., Rennert, R. C., Duscher, D., Januszyk, M., Maan, Z. N., Hong, W. X., Cheung, A. T., Leavitt, T., Marshall, C. D., Ransom, et al
2017; 2 (19)
- **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
- **Microfluidic single-cell transcriptional analysis rationally identifies novel surface marker profiles to enhance cell-based therapies** *NATURE COMMUNICATIONS*
Rennert, R. C., Januszyk, M., Sorkin, M., Rodrigues, M., Maan, Z. N., Duscher, D., Whittam, A. J., Kosaraju, R., Chung, M. T., Paik, K., Li, A. Y., Findlay, M., Glotzbach, et al
2016; 7
- **Concomitant Liposuction Reduces Complications of Vertical Medial Thigh Lift in Massive Weight Loss Patients** *PLASTIC AND RECONSTRUCTIVE SURGERY*
Schmidt, M., Pollhammer, M. S., Januszyk, M., Duscher, D., Huemer, G. M.
2016; 137 (6): 1748-57
- **Multiple Subsets of Brain Tumor Initiating Cells Coexist in Glioblastoma** *STEM CELLS*
Rennert, R. C., Achrol, A. S., Januszyk, M., Kahn, S. A., Liu, T. T., Liu, Y., Sahoo, D., Rodrigues, M., Maan, Z. N., Wong, V. W., Cheshier, S. H., Chang, S. D., Steinberg, et al
2016; 34 (6): 1702-1707
- **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
- **High-Resolution Microfluidic Single-Cell Transcriptional Profiling Reveals Clinically Relevant Subtypes among Human Stem Cell Populations Commonly Utilized in Cell-Based Therapies** *FRONTIERS IN NEUROLOGY*
Rennert, R. C., Schaefer, R., Bliss, T., Januszyk, M., Sorkin, M., Achrol, A. S., Rodrigues, M., Maan, Z. N., Kluba, T., Steinberg, G. K., Gurtner, G. C.
2016; 7
- **Extracellular superoxide dismutase deficiency impairs wound healing in advanced age by reducing neovascularization and fibroblast function** *EXPERIMENTAL DERMATOLOGY*
Fujiwara, T., Duscher, D., Rustad, K. C., Kosaraju, R., Rodrigues, M., Whittam, A. J., Januszyk, M., Maan, Z. N., Gurtner, G. C.
2016; 25 (3): 206-211
- **Extracellular superoxide dismutase deficiency impairs wound healing in advanced age by reducing neovascularization and fibroblast function.** *Experimental dermatology*
Fujiwara, T., Duscher, D., Rustad, K. C., Kosaraju, R., Rodrigues, M., Whittam, A. J., Januszyk, M., Maan, Z. N., Gurtner, G. C.
2016; 25 (3): 206-211
- **Adipose-Derived Stem Cell-Seeded Hydrogels Increase Endogenous Progenitor Cell Recruitment and Neovascularization in Wounds** *TISSUE ENGINEERING PART A*
Kosaraju, R., Rennert, R. C., Maan, Z. N., Duscher, D., Barrera, J., Whittam, A. J., Januszyk, M., Rajadas, J., Rodrigues, M., Gurtner, G. C.
2016; 22 (3-4): 295-305
- **Challenges and Opportunities in Drug Delivery for Wound Healing.** *Advances in wound care*
Whittam, A. J., Maan, Z. N., Duscher, D., Wong, V. W., Barrera, J. A., Januszyk, M., Gurtner, G. C.
2016; 5 (2): 79-88
- **Rapid identification of slow healing wounds.** *Wound repair and regeneration*
Jung, K., Covington, S., Sen, C. K., Januszyk, M., Kirsner, R. S., Gurtner, G. C., Shah, N. H.
2016; 24 (1): 181-188

- **Rapid identification of slow healing wounds** *WOUND REPAIR AND REGENERATION*
Jung, K., Covington, S., Sen, C. K., Januszyk, M., Kirsner, R. S., Gurtner, G. C., Shah, N. H.
2016; 24 (1): 181-188
- **High-Resolution Microfluidic Single-Cell Transcriptional Profiling Reveals Clinically Relevant Subtypes among Human Stem Cell Populations Commonly Utilized in Cell-Based Therapies.** *Frontiers in neurology*
Rennert, R. C., Schäfer, R., Bliss, T., Januszyk, M., Sorkin, M., Achrol, A. S., Rodrigues, M., Maan, Z. N., Kluba, T., Steinberg, G. K., Gurtner, G. C.
2016; 7: 41-?
- **Stem Cells in Wound Healing: The Future of Regenerative Medicine? A Mini-Review.** *Gerontology*
Duscher, D., Barrera, J., Wong, V. W., Maan, Z. N., Whittam, A. J., Januszyk, M., Gurtner, G. C.
2016; 62 (2): 216-225
- **Fibroblast-Specific Deletion of Hypoxia Inducible Factor-1 Critically Impairs Murine Cutaneous Neovascularization and Wound Healing** *PLASTIC AND RECONSTRUCTIVE SURGERY*
Duscher, D., Maan, Z. N., Whittam, A. J., Sorkin, M., Hu, M. S., Walmsley, G. G., Baker, H., Fischer, L. H., Januszyk, M., Wong, V. W., Gurtner, G. C.
2015; 136 (5): 1004-1013
- **Impairment in Fracture Healing in a Mouse Model of Type 2 Diabetes Is Driven by Skeletal Stem Cell Niche Dysregulation**
Tevlin, R., Seo, E., Mc Ardle, A., Tong, X., Januszyk, M., Yang, F., Gurtner, G. C., Chan, C. F., Weissman, I. L., Longaker, M. T.
ELSEVIER SCIENCE INC.2015: S115
- **Delivery of Macrophages in a Biomimetic Scaffold Accelerates Diabetic Wound Healing Through Enhanced Angiogenesis**
Walmsley, G. G., Hu, M. S., Duscher, D., Januszyk, M., Maan, Z. N., Senarath-Yapa, K., Tevlin, R., Zielins, E. R., Gurtner, G. C., Longaker, M. T.
ELSEVIER SCIENCE INC.2015: S113-S114
- **Microfluidic single cell transcriptional analysis reveals subpopulations of adipose derived stromal cells with enhanced angiogenic potential**
Zielins, E. R., Januszyk, M., Luan, A., Brett, E. A., Paik, K., Walmsley, G. G., Gurtner, G. C., Longaker, M. T., Wan, D. C.
ELSEVIER SCIENCE INC.2015: E26
- **Melanoma Progression Depends on CXCL12 Expression by Host Endothelium**
Maan, Z. N., Hu, M. S., Whittam, A., Fischer, L. H., Duscher, D., Walmsley, G. G., Januszyk, M., Whitmore, A. J., Longaker, M. T., Gurtner, G. C.
ELSEVIER SCIENCE INC.2015: S116
- **Using the wisdom of the crowds to find critical errors in biomedical ontologies: a study of SNOMED CT.** *Journal of the American Medical Informatics Association*
Mortensen, J. M., Minty, E. P., Januszyk, M., Sweeney, T. E., Rector, A. L., Noy, N. F., Musen, M. A.
2015; 22 (3): 640-648
- **Skin fibrosis. Identification and isolation of a dermal lineage with intrinsic fibrogenic potential.** *Science*
Rinkevich, Y., Walmsley, G. G., Hu, M. S., Maan, Z. N., Newman, A. M., Drukker, M., Januszyk, M., Krampitz, G. W., Gurtner, G. C., Lorenz, H. P., Weissman, I. L., Longaker, M. T.
2015; 348 (6232)
- **Studies in Fat Grafting: Part IV. Adipose-Derived Stromal Cell Gene Expression in Cell-Assisted Lipotransfer** *PLASTIC AND RECONSTRUCTIVE SURGERY*
Garza, R. M., Rennert, R. C., Paik, K. J., Atashroo, D., Chung, M. T., Duscher, D., Januszyk, M., Gurtner, G. C., Longaker, M. T., Wan, D. C.
2015; 135 (4): 1045-1055
- **Cell recruitment by amnion chorion grafts promotes neovascularization** *JOURNAL OF SURGICAL RESEARCH*
Maan, Z. N., Rennert, R. C., Koob, T. J., Januszyk, M., Li, W. W., Gurtner, G. C.
2015; 193 (2): 953-962
- **Exercise induces stromal cell-derived factor-1 α -mediated release of endothelial progenitor cells with increased vasculogenic function.** *Plastic and reconstructive surgery*
Chang, E., Paterno, J., Duscher, D., Maan, Z. N., Chen, J. S., Januszyk, M., Rodrigues, M., Rennert, R. C., Bishop, S., Whitmore, A. J., Whittam, A. J., Longaker, M. T., Gurtner, et al
2015; 135 (2): 340e-50e
- **Transdermal deferoxamine prevents pressure-induced diabetic ulcers.** *Proceedings of the National Academy of Sciences of the United States of America*

Duscher, D., Neofytou, E., Wong, V. W., Maan, Z. N., Rennert, R. C., Inayathullah, M., Januszyk, M., Rodrigues, M., Malkovskiy, A. V., Whitmore, A. J., Walmsley, G. G., Galvez, M. G., Whittam, et al
2015; 112 (1): 94-99

- **Reduced Regenerative Capacity of Aged Adipose Derived Stem Cells is Caused by Alterations of Cell Subpopulation Dynamics**
Duscher, D., Rennert, R. C., Januszyk, M., Maan, Z. N., Whittam, A. J., Hu, M. S., Walmsley, G. G., Atashroo, D., Longaker, M. T., Gurtner, G. C.
ELSEVIER SCIENCE INC.2014: S136
- **Noncontact, low-frequency ultrasound therapy enhances neovascularization and wound healing in diabetic mice.** *Plastic and reconstructive surgery*
Maan, Z. N., Januszyk, M., Rennert, R. C., Duscher, D., Rodrigues, M., Fujiwara, T., Ho, N., Whitmore, A., Hu, M. S., Longaker, M. T., Gurtner, G. C.
2014; 134 (3): 402e-11e
- **A Randomized Controlled Trial of the embrace Advanced Scar Therapy Device to Reduce Incisional Scar Formation.** *Plastic and reconstructive surgery*
Longaker, M. T., Rohrich, R. J., Greenberg, L., Furnas, H., Wald, R., Bansal, V., Seify, H., Tran, A., Weston, J., Korman, J. M., Chan, R., Kaufman, D., Dev, et al
2014; 134 (3): 536-546
- **Diabetes irreversibly depletes bone marrow-derived mesenchymal progenitor cell subpopulations.** *Diabetes*
Januszyk, M., Sorkin, M., Glotzbach, J. P., Vial, I. N., Maan, Z. N., Rennert, R. C., Duscher, D., Thangarajah, H., Longaker, M. T., Butte, A. J., Gurtner, G. C.
2014; 63 (9): 3047-3056
- **Clonal analysis reveals nerve-dependent and independent roles on mammalian hind limb tissue maintenance and regeneration** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Rinkevich, Y., Montoro, D. T., Muhonen, E., Walmsley, G. G., Lo, D., Hasegawa, M., Januszyk, M., Connolly, A. J., Weissman, I. L., Longaker, M. T.
2014; 111 (27): 9846-9851
- **Clonal analysis reveals nerve-dependent and independent roles on mammalian hind limb tissue maintenance and regeneration.** *Proceedings of the National Academy of Sciences of the United States of America*
Rinkevich, Y., Montoro, D. T., Muhonen, E., Walmsley, G. G., Lo, D., Hasegawa, M., Januszyk, M., Connolly, A. J., Weissman, I. L., Longaker, M. T.
2014; 111 (27): 9846-9851
- **Gene expression in fetal murine keratinocytes and fibroblasts** *JOURNAL OF SURGICAL RESEARCH*
Hu, M. S., Januszyk, M., Hong, W. X., Walmsley, G. G., Zielins, E. R., Atashroo, D. A., Maan, Z. N., McArdle, A., Takanishi, D. M., Gurtner, G. C., Longaker, M. T., Lorenz, H. P.
2014; 190 (1): 344-357
- **Mechanotransduction and fibrosis** *JOURNAL OF BIOMECHANICS*
Duscher, D., Maan, Z. N., Wong, V. W., Rennert, R. C., Januszyk, M., Rodrigues, M., Hu, M., Whitmore, A. J., Whittam, A. J., Longaker, M. T., Gurtner, G. C.
2014; 47 (9): 1997-2005
- **Transcriptional profiling of rapamycin-treated fibroblasts from hypertrophic and keloid scars.** *Annals of plastic surgery*
Wong, V. W., You, F., Januszyk, M., Gurtner, G. C., Kuang, A. A.
2014; 72 (6): 711-719
- **In Vivo clonal analysis reveals lineage-restricted progenitor characteristics in Mammalian kidney development, maintenance, and regeneration.** *Cell reports*
Rinkevich, Y., Montoro, D. T., Contreras-Trujillo, H., Harari-Steinberg, O., Newman, A. M., Tsai, J. M., Lim, X., Van-Amerongen, R., Bowman, A., Januszyk, M., Pleniceanu, O., Nusse, R., Longaker, et al
2014; 7 (4): 1270-1283
- **Tracking the elusive fibrocyte: identification and characterization of collagen-producing hematopoietic lineage cells during murine wound healing.** *Stem cells*
Suga, H., Rennert, R. C., Rodrigues, M., Sorkin, M., Glotzbach, J. P., Januszyk, M., Fujiwara, T., Longaker, M. T., Gurtner, G. C.
2014; 32 (5): 1347-1360
- **Mechanical offloading of incisional wounds is associated with transcriptional downregulation of inflammatory pathways in a large animal model** *ORGANOGENESIS*
Januszyk, M., Wong, V. W., Bhatt, K. A., Vial, I. N., Paterno, J., Longaker, M. T., Gurtner, G. C.
2014; 10 (2): 186-193
- **Abstract 15: Characterization of the Endothelial Progenitor Cell from Adult Tissue using Vav/Cre RFP-GFP Murine Model and Single Cell Microfluidics.** *Plastic and reconstructive surgery*

- Rodrigues, M., Rennert, R. C., Bishop, S., Januszyk, M., Maan, Z., Sorkin, M., Duscher, D., Gurtner, G. C.
2014; 133 (3): 25-?
- **Abstract 8: SDF-1 Regulates Adipose Niche Homeostasis and Adipose Derived Stromal Cell Function.** *Plastic and reconstructive surgery*
Maan, Z. N., Rennert, R. C., Duscher, D., Januszyk, M., Paik, K., Chung, M. T., Paik, K., Fujiwara, T., Rodrigues, M., Ho, N., Baker, H., Perez, M., Hu, et al
2014; 133 (3): 15-16
 - **Abstract 33: Stress Offloading through Mechanomodulation is Associated with Down-Regulation of Inflammatory Pathways in a Large Animal Model.** *Plastic and reconstructive surgery*
Januszyk, M., Wong, V. W., Bhatt, K., Vial, I. N., Dauskardt, R., Longaker, M. T., Gurtner, G. C.
2014; 133 (3): 44-?
 - **Reduced BMP2 expression induces GM-CSF translation and macrophage recruitment in humans and mice to exacerbate pulmonary hypertension.** *journal of experimental medicine*
Sawada, H., Saito, T., Nickel, N. P., Alastalo, T., Glotzbach, J. P., Chan, R., Haghghat, L., Fuchs, G., Januszyk, M., Cao, A., Lai, Y., Perez, V. d., Kim, et al
2014; 211 (2): 263-280
 - **The embrace Device Significantly Decreases Scarring following Scar Revision Surgery in a Randomized Controlled Trial.** *Plastic and reconstructive surgery*
Lim, A. F., Weintraub, J., Kaplan, E. N., Januszyk, M., Cowley, C., McLaughlin, P., Beasley, B., Gurtner, G. C., Longaker, M. T.
2014; 133 (2): 398-405
 - **Aging disrupts cell subpopulation dynamics and diminishes the function of mesenchymal stem cells.** *Scientific reports*
Duscher, D., Rennert, R. C., Januszyk, M., Anghel, E., Maan, Z. N., Whittam, A. J., Perez, M. G., Kosaraju, R., Hu, M. S., Walmsley, G. G., Atashroo, D., Khong, S., Butte, et al
2014; 4: 7144-?
 - **Understanding regulatory pathways of neovascularization in diabetes** *EXPERT REVIEW OF ENDOCRINOLOGY & METABOLISM*
Maan, Z. N., Rodrigues, M., Rennert, R. C., Whitmore, A., Duscher, D., Januszyk, M., Hu, M., Whittam, A. J., Davis, C. R., Gurtner, G. C.
2014; 9 (5): 487-501
 - **Mechanotransduction and fibrosis.** *Journal of biomechanics*
Duscher, D., Maan, Z. N., Wong, V. W., Rennert, R. C., Januszyk, M., Rodrigues, M., Hu, M., Whitmore, A. J., Whittam, A. J., Longaker, M. T., Gurtner, G. C.
2014
 - **Gene expression in fetal murine keratinocytes and fibroblasts.** *The Journal of surgical research*
Hu, M. S., Januszyk, M., Hong, W. X., Walmsley, G. G., Zielins, E. R., Atashroo, D. A., Maan, Z. N., McArdle, A., Takanishi, D. M., Gurtner, G. C., Longaker, M. T., Lorenz, H. P.
2014
 - **Understanding regulatory pathways of neovascularization in diabetes.** *Expert review of endocrinology & metabolism*
Maan, Z. N., Rodrigues, M., Rennert, R. C., Whitmore, A., Duscher, D., Januszyk, M., Hu, M., Whittam, A. J., Davis, C. R., Gurtner, G. C.
2014; 9 (5): 487-501
 - **High-Throughput Single-Cell Analysis for Wound Healing Applications.** *Advances in wound care*
Januszyk, M., Gurtner, G. C.
2013; 2 (9): 457-469
 - **Cell surface marker profiling of human adipose derived stem cells using single cell transcriptional analysis identifies heterogeneous subpopulations**
Sorkin, M., Rennert, R. C., Januszyk, M., Glotzbach, J. P., Chung, M. T., Longaker, M. T., Gurtner, G. C.
ELSEVIER SCIENCE INC.2013: S96-S97
 - **Molecular analysis and differentiation capacity of adipose-derived stem cells from lymphedema tissue.** *Plastic and reconstructive surgery*
Levi, B., Glotzbach, J. P., Sorkin, M., Hyun, J., Januszyk, M., Wan, D. C., Li, S., Nelson, E. R., Longaker, M. T., Gurtner, G. C.
2013; 132 (3): 580-589
 - **Tacrolimus fails to regulate collagen expression in dermal fibroblasts.** *journal of surgical research*
Wong, V. W., You, F., Januszyk, M., Kuang, A. A.
2013; 184 (1): 678-690
 - **Micro-Computed Tomography Evaluation of Human Fat Grafts in Nude Mice** *TISSUE ENGINEERING PART C-METHODS*

Chung, M. T., Hyun, J. S., Lo, D. D., Montoro, D. T., Hasegawa, M., Levi, B., Januszyk, M., Longaker, M. T., Wan, D. C.
2013; 19 (3): 227-232

- **Cellular response to a novel fetal acellular collagen matrix: implications for tissue regeneration.** *International journal of biomaterials*
Rennert, R. C., Sorkin, M., Garg, R. K., Januszyk, M., Gurtner, G. C.
2013; 2013: 527957-?
- **Focal adhesion kinase links mechanical force to skin fibrosis via inflammatory signaling.** *Nature medicine*
Wong, V. W., Rustad, K. C., Akaishi, S., Sorkin, M., Glotzbach, J. P., Januszyk, M., Nelson, E. R., Levi, K., Paterno, J., Vial, I. N., Kuang, A. A., Longaker, M. T., Gurtner, et al
2012; 18 (1): 148-152
- **CD105 Protein Depletion Enhances Human Adipose-derived Stromal Cell Osteogenesis through Reduction of Transforming Growth Factor beta 1 (TGF-beta 1) Signaling** *JOURNAL OF BIOLOGICAL CHEMISTRY*
Levi, B., Wan, D. C., Glotzbach, J. P., Hyun, J., Januszyk, M., Montoro, D., Sorkin, M., James, A. W., Nelson, E. R., Li, S., Quarto, N., Lee, M., Gurtner, et al
2011; 286 (45): 39497-39509
- **An Information Theoretic, Microfluidic-Based Single Cell Analysis Permits Identification of Subpopulations among Putatively Homogeneous Stem Cells** *PLOS ONE*
Glotzbach, J. P., Januszyk, M., Vial, I. N., Wong, V. W., Gelbard, A., Kalisky, T., Thangarajah, H., Longaker, M. T., Quake, S. R., Chu, G., Gurtner, G. C.
2011; 6 (6)
- **Engineered Pullulan-Collagen Composite Dermal Hydrogels Improve Early Cutaneous Wound Healing** *TISSUE ENGINEERING PART A*
Wong, V. W., Rustad, K. C., Galvez, M. G., Neofytou, E., Glotzbach, J. P., Januszyk, M., Major, M. R., Sorkin, M., Longaker, M. T., Rajadas, J., Gurtner, G. C.
2011; 17 (5-6): 631-644
- **Statistics in Medicine** *PLASTIC AND RECONSTRUCTIVE SURGERY*
Januszyk, M., Gurtner, G. C.
2011; 127 (1): 437-444
- **Anatomical and Technical Tips for Use of the Superficial Inferior Epigastric Artery (SIEA) Flap in Breast Reconstructive Surgery** *JOURNAL OF RECONSTRUCTIVE MICROSURGERY*
Dorafshar, A. H., Januszyk, M., Song, D. H.
2010; 26 (6): 381-389
- **HIF-1 alpha dysfunction in diabetes** *CELL CYCLE*
Thangarajah, H., Vial, I. N., Grogan, R. H., Yao, D., Shi, Y., Januszyk, M., Galiano, R. D., Chang, E. I., Galvez, M. G., Glotzbach, J. P., Wong, V. W., Brownlee, M., Gurtner, et al
2010; 9 (1): 75-79
- **The molecular basis for impaired hypoxia-induced VEGF expression in diabetic tissues** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Thangarajah, H., Yao, D., Chang, E. I., Shi, Y., Jazayeri, L., Vial, I. N., Galiano, R. D., Du, X., Grogan, R., Galvez, M. G., Januszyk, M., Brownlee, M., Gurtner, et al
2009; 106 (32): 13505-13510
- **IFATS Collection: Adipose Stromal Cells Adopt a Proangiogenic Phenotype Under the Influence of Hypoxia** *STEM CELLS*
Thangarajah, H., Vial, I. N., Chang, E., El-Ftesi, S., Januszyk, M., Chang, E. I., Paterno, J., Neofytou, E., Longaker, M. T., Gurtner, G. C.
2009; 27 (1): 266-274