

Stanford



H. Peter Lorenz, MD

Professor of Surgery (Plastic and Reconstructive Surgery)
Surgery - Plastic & Reconstructive Surgery

CLINICAL OFFICE (PRIMARY)

- **Pediatric Surgical Specialties Clinic**
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ACADEMIC CONTACT INFORMATION

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Bio

CLINICAL FOCUS

- Plastic Surgery, Pediatric
- Plastic Surgery
- Cleft lip and palate surgery
- Facial surgery
- Plastic and Reconstructive Surgery
- facial fracture surgery
- Body contouring surgery
- abdominal wall surgery
- ventral hernia surgery
- incisional hernia surgery

ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Surgery - Plastic & Reconstructive Surgery
- Member, Bio-X

ADMINISTRATIVE APPOINTMENTS

- Vice Chair, Professional Development, Department of Surgery, (2023- present)
- Craniofacial Fellowship Program Director, Division of Plastic Surgery, (2006- present)
- Service Chief, Plastic Surgery, Lucile Packard Children's Hospital, (2006- present)

HONORS AND AWARDS

- Leslie Hovey Teaching Award, Stanford Plastic Surgery (2005)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Dept of Plastic Surgery (1998) CA

- Residency: UCLA Dept of Plastic Surgery (1997) CA
- Residency: UCSF General Surgery Residency (1995) CA
- Internship: UCSF General Surgery Residency (1988) CA
- Board Certification: Plastic Surgery, American Board of Plastic Surgery (2000)
- Medical Education: University of Michigan School of Medicine (1987) MI
- -, Stanford University , Craniofacial Surgery (1998)
- -, UCLA , Plastic Surgery (1997)
- -, UCSF , Surgery (1995)
- MD, University of Michigan , Medicine (1987)
- BS, UCLA , Biology (1983)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Dr. Lorenz graduated from the University of Michigan School of Medicine. He then completed the General Surgery Residency Program at UCSF. This program included five clinical years in surgery and three years in a research fellowship in the UCSF Fetal Treatment Center with Drs. Michael Harrison and N. Scott Adzick. The research fellowship emphasized both development of novel fetal surgical techniques and understanding the biology of scarless fetal wound healing. Next, he completed the residency program in Plastic and Reconstructive Surgery at UCLA, with an emphasis on reconstructive, cosmetic, and microsurgery. Lastly, he completed the Craniofacial Surgery Fellowship at the Lucile Packard Children's Hospital and the Stanford University Hospital.

Dr. Lorenz then joined the full-time academic faculty at UCLA as Assistant Professor in the Department of Surgery, Division of Plastic and Reconstructive Surgery. He initiated and developed a research program that investigated the molecular regulation of scarless skin wound healing. His research also focused on the biology of fat-derived stem cells and their use for tissue engineering. He was the first UCLA Plastic Surgery faculty member to be awarded a research grant from the NIH, which he received in the field of scarless wound healing. He was Director of the Gonda Wound Treatment Center, which treated patients with refractory wounds. He was promoted to Associate Professor shortly before leaving UCLA in 2001.

Dr. Lorenz is a Professor in the Division of Plastic and Reconstructive Surgery. His clinical interests are in craniofacial surgery, pediatric plastic surgery, reconstructive surgery, and cosmetic surgery. He is certified by the American Board of Surgery and by the American Board of Plastic Surgery. He is a member of the California Society of Plastic Surgeons, the American Society of Plastic Surgeons, and the Plastic Surgery Research Council.

Dr. Lorenz directs the Scarless Skin Repair Laboratory in the Hagey Laboratory for Pediatric Regenerative Medicine. His group is studying mechanisms underlying scarless skin healing, including the interactions of fetal and adult keratinocytes and fibroblasts in the TGF- β system. His group is also investigating the function of progenitor cells during repair, and the translational use of fat-derived stem cells in chronic wound therapy and tissue engineering.

CLINICAL TRIALS

- Gene Transfer for Recessive Dystrophic Epidermolysis Bullosa, Not Recruiting

Teaching

STANFORD ADVISEES

Med Scholar Project Advisor

Layla Aboukhater, Brian Sweeney Jr.

Publications

PUBLICATIONS

- **Nonsurgical Orthodontic Airway Plate Treatment for Newborns With Robin Sequence.** *The Cleft palate-craniofacial journal : official publication of the American Cleft Palate-Craniofacial Association*
Choo, H., Khosla, R. K., Meister, K. D., Wan, D. C., Lin, H. C., Feczko, R., Bruckman, K., Hopkins, E., Truong, M. T., Lorenz, H. P.
2021; 10556656211007689
- **Adult Cranioplasty and Perioperative Patient Safety: Does Plastic Surgery Facility Volume Matter?** *The Journal of craniofacial surgery*
Rochlin, D. H., Sheckter, C. C., Khosla, R. K., Lorenz, H. P.
2020
- **Virtual Surgical Planning Decreases Operative Time for Isolated Single Suture and Multi-suture Craniosynostosis Repair** *PLASTIC AND RECONSTRUCTIVE SURGERY-GLOBAL OPEN*
Andrew, T. W., Baylan, J., Mittermiller, P. A., Cheng, H., Johns, D. N., Edwards, M. B., Cheshier, S. H., Grant, G. A., Lorenz, H.
2018; 6 (12): e2038
- **Endoscopic Excision of Benign Facial Masses in Children: A Review of Outcomes.** *Journal of laparoendoscopic & advanced surgical techniques. Part A*
Foster, D. n., Sinclair, T. J., Taylor, J. S., Dutta, S. n., Lorenz, H. P., Bruzoni, M. n.
2018
- **Safety and Wound Outcomes Following Genetically Corrected Autologous Epidermal Grafts in Patients With Recessive Dystrophic Epidermolysis Bullosa.** *JAMA*
Siprashvili, Z., Nguyen, N. T., Gorell, E. S., Loutit, K., Khuu, P., Furukawa, L. K., Lorenz, H. P., Leung, T. H., Keene, D. R., Rieger, K. E., Khavari, P., Lane, A. T., Tang, et al
2016; 316 (17): 1808-1817
- **Expansion and Hepatic Differentiation of Adult Blood-Derived CD34(+) Progenitor Cells and Promotion of Liver Regeneration After Acute Injury** *STEM CELLS TRANSLATIONAL MEDICINE*
Hu, M., Li, S., Menon, S., Liu, B., Hu, M. S., Longaker, M. T., Lorenz, H. P.
2016; 5 (6): 723-732
- **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)
- **Peripheral blood-derived mesenchymal stem cells: candidate cells responsible for healing critical-sized calvarial bone defects.** *Stem cells translational medicine*
Li, S., Huang, K., Wu, J., Hu, M. S., Sanyal, M., Hu, M., Longaker, M. T., Lorenz, H. P.
2015; 4 (4): 359-368
- **Scarless wound healing: chasing the holy grail.** *Plastic and reconstructive surgery*
Walmsley, G. G., Maan, Z. N., Wong, V. W., Duscher, D., Hu, M. S., Zielins, E. R., Wearda, T., Muñonen, E., McArdle, A., Tevlin, R., Atashroo, D. A., Senarath-Yapa, K., Lorenz, et al
2015; 135 (3): 907-917
- **Fetal Mouse Skin Heals Scarlessly in a Chick Chorioallantoic Membrane Model System** *ANNALS OF PLASTIC SURGERY*
Carre, A. L., Larson, B. J., Knowles, J. A., Kawai, K., Longaker, M. T., Lorenz, H. P.
2012; 69 (1): 85-90
- **Outcomes of Complex Abdominal Herniorrhaphy Experience With 106 Cases** *ANNALS OF PLASTIC SURGERY*
Satterwhite, T. S., Miri, S., Chung, C., Spain, D., Lorenz, H. P., Lee, G. K.
2012; 68 (4): 382-388
- **Calcium-Based Nanoparticles Accelerate Skin Wound Healing** *PLOS ONE*
Kawai, K., Larson, B. J., Ishise, H., Carre, A. L., Nishimoto, S., Longaker, M., Lorenz, H. P.
2011; 6 (11)

- **Scarless Fetal Wound Healing: A Basic Science Review** *PLASTIC AND RECONSTRUCTIVE SURGERY*
Larson, B. J., Longaker, M. T., Lorenz, H. P.
2010; 126 (4): 1172-1180
- **Airway Analysis: With Bilateral Distraction of the Infant Mandible** *JOURNAL OF CRANIOFACIAL SURGERY*
Looby, J. F., Schendel, S. A., Lorenz, H. P., Hopkins, E. M., Aizenbud, D.
2009; 20 (5): 1341-1346
- **Current Applications and Safety of Autologous Fat Grafts: A Report of the ASPS Fat Graft Task Force** *PLASTIC AND RECONSTRUCTIVE SURGERY*
Gutowski, K. A.
2009; 124 (1): 272-280
- **Identification of differentially regulated genes in fetal wounds during regenerative repair** *WOUND REPAIR AND REGENERATION*
Colwell, A. S., Longaker, M. T., Lorenz, H. P.
2008; 16 (3): 450-459
- **Current treatment of craniosynostosis and future therapeutic directions.** *Frontiers of oral biology*
Wan, D. C., Kwan, M. D., Lorenz, H. P., Longaker, M. T.
2008; 12: 209-230
- **Enhanced Recovery After Cleft Palate Repair: A Quality Improvement Project.** *Paediatric anaesthesia*
Esfahanian, M., Marcott, S. C., Hopkins, E., Burkart, B., Khosla, R., Lorenz, H. P., Wang, E., De Souza, E., Algaze-Yojay, C., Caruso, T. J.
2022
- **A Novel Xenograft Model Demonstrates Human Fibroblast Behavior During Skin Wound Repair and Fibrosis.** *Advances in wound care*
Borrelli, M., Shen, A. H., Griffin, M., Mascharak, S., Adem, S., Diaz Deleon, N. M., Ngaage, L. M., Longaker, M. T., Wan, D. C., Lorenz, H. P.
2021
- **Standardizing dimensionless cutometer parameters to determine in-vivo elasticity of human skin.** *Advances in wound care*
Abbas, D. B., Lavin, C., Fahy, E., Griffin, M., Guardino, N., King, M., Chen, K., Lorenz, H. P., Gurtner, G. C., Longaker, M. T., Momeni, A., Wan, D. C.
2021
- **JUN promotes hypertrophic skin scarring via CD36 in preclinical in vitro and in vivo models.** *Science translational medicine*
Griffin, M. F., Borrelli, M. R., Garcia, J. T., Januszyk, M., King, M., Lerbs, T., Cui, L., Moore, A. L., Shen, A. H., Mascharak, S., Diaz Deleon, N. M., Adem, S., Taylor, et al
2021; 13 (609): eabb3312
- **Readability of Online Patient Information Relating to Cleft Palate Surgery.** *The Cleft palate-craniofacial journal : official publication of the American Cleft Palate-Craniofacial Association*
Lavin, C. V., Fahy, E. J., Abbas, D. B., Griffin, M., Deleon, N. M., Lee, D. K., Khosla, R. K., Bruckman, K., Lorenz, H. P., Wan, D. C.
2021: 10556656211013177
- **Preventing Engrailed-1 activation in fibroblasts yields wound regeneration without scarring.** *Science (New York, N.Y.)*
Mascharak, S., desJardins-Park, H. E., Davitt, M. F., Griffin, M., Borrelli, M. R., Moore, A. L., Chen, K., Duoto, B., Chinta, M., Foster, D. S., Shen, A. H., Januszyk, M., Kwon, et al
2021; 372 (6540)
- **Prrx1 Fibroblasts Represent a Pro-fibrotic Lineage in the Mouse Ventral Dermis.** *Cell reports*
Leavitt, T., Hu, M. S., Borrelli, M. R., Januszyk, M., Garcia, J. T., Ransom, R. C., Mascharak, S., desJardins-Park, H. E., Litzenburger, U. M., Walmsley, G. G., Marshall, C. D., Moore, A. L., Duoto, et al
2020; 33 (6): 108356
- **Nationwide Perioperative Analysis of Endoscopic Versus Open Surgery for Craniosynostosis: Equal Access, Unequal Outcomes.** *The Journal of craniofacial surgery*
Rochlin, D. H., Scheckter, C. C., Lorenz, H. P., Khosla, R. K.
2020
- **Stretch marks are abundant in CD26-positive human dermal fibroblasts and exhibit increased profibrotic mechanosensitive signaling**
Borrelli, M. R., Griffin, M., Ngaage, L. M., Mascharak, S., Lewis, N., Januszyk, M., Wan, D. C., Longaker, M. T., Lorenz, H. P.
WILEY.2020: S32

- **Macrophage Transplantation Fails to Improve Repair of Critical-Sized Calvarial Defects.** *The Journal of craniofacial surgery*
Borrelli, M. R., Hu, M. S., Hong, W. X., Oliver, J. D., Duscher, D., Longaker, M. T., Lorenz, H. P.
2019
- **Intrinsic Chromatin State and Extrinsic Wound-Related Cues Can Coordinate to Activate Fibroblasts for Scarring**
desJardins-Park, H. E., Moore, A. L., Litzenburger, U., Mascharak, S., Chinta, M., Ransom, R. C., Hu, M. S., Lorenz, H. P., Chang, H. Y., Longaker, M. T.
ELSEVIER SCIENCE INC.2019: S223–S224
- **Tissue Engineering and Regenerative Medicine in Craniofacial Reconstruction and Facial Aesthetics.** *The Journal of craniofacial surgery*
Borrelli, M. R., Hu, M. S., Longaker, M. T., Lorenz, H. P.
2019
- **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
2018; 7 (1): 11–17
- **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
- **Discussion: Towards Microsurgical Correction of Cleft Lip Ex Utero via Restoration of Craniofacial Developmental Programs.** *Plastic and reconstructive surgery*
Ransom, R. C., Lorenz, H. P., Longaker, M. T.
2017
- **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
- **Sanativo Wound Healing Product Does Not Accelerate Reepithelialization in a Mouse Cutaneous Wound Healing Model.** *Plastic and reconstructive surgery*
Marshall, C. D., Hu, M. S., Leavitt, T., Barnes, L. A., Cheung, A. T., Malhotra, S., Lorenz, H. P., Delp, S. L., Quake, S. R., Longaker, M. T.
2017; 139 (2): 343–352
- **Scarless wound healing: finding the right cells and signals.** *Cell and tissue research*
Leavitt, T., Hu, M. S., Marshall, C. D., Barnes, L. A., Lorenz, H. P., Longaker, M. T.
2016; 365 (3): 483-493
- **Creation of Abdominal Adhesions in Mice** *JOVE-JOURNAL OF VISUALIZED EXPERIMENTS*
Marshall, C. D., Hu, M. S., Leavitt, T., Barnes, L. A., Cheung, A. T., Malhotra, S., Lorenz, H. P., Longaker, M. T.
2016
- **Surveillance of Stem Cell Fate and Function: A System for Assessing Cell Survival and Collagen Expression In Situ** *TISSUE ENGINEERING PART A*
Walmsley, G. G., Senarath-Yapa, K., Wearda, T. L., Menon, S., Hu, M. S., Duscher, D., Maan, Z. N., Tsai, J. M., Zielins, E. R., Weissman, I. L., Gurtner, G. C., Lorenz, H. P., Longaker, et al
2016; 22 (1-2): 31-40
- **Murine Dermal Fibroblast Isolation by FACS** *JOVE-JOURNAL OF VISUALIZED EXPERIMENTS*
Walmsley, G. G., Maan, Z. N., Hu, M. S., Atashroo, D. A., Whittam, A. J., Duscher, D., Tevlin, R., Marecic, O., Lorenz, H. P., Gurtner, G. C., Longaker, M. T.
2016
- **Mesenchymal Stromal Cells as Cell-Based Therapeutics for Wound Healing** *STEM CELLS INTERNATIONAL*
Malhotra, S., Hu, M. S., Marshall, C. D., Leavitt, T., Cheung, A. T., Gonzalez, J. G., Kaur, H., Lorenz, H. P., Longaker, M. T.
2016

- **Emerging drugs for the treatment of wound healing** *EXPERT OPINION ON EMERGING DRUGS*
Zielins, E. R., Brett, E. A., Luan, A., Hu, M. S., Walmsley, G. G., Paik, K., Senarath-Yapa, K., Atashroo, D. A., Wearda, T., Lorenz, H. P., Wan, D. C., Longaker, M. T.
2015; 20 (2): 235-246
- **Chondromyxoid Fibroma of the Mandible in an Adolescent: Case Report and Microsurgical Reconstructive Option** *CLEFT PALATE-CRANIOFACIAL JOURNAL*
Khosla, R. K., Nguyen, C., Messner, A. H., Lorenz, P.
2015; 52 (2): 223-228
- **A mouse fetal skin model of scarless wound repair.** *Journal of visualized experiments : JoVE*
Walmsley, G. G., Hu, M. S., Hong, W. X., Maan, Z. N., Lorenz, H. P., Longaker, M. T.
2015: 52297-?
- **Stem Cell-Based Therapeutics to Improve Wound Healing.** *Plastic surgery international*
Hu, M. S., Leavitt, T., Malhotra, S., Duscher, D., Pollhammer, M. S., Walmsley, G. G., Maan, Z. N., Cheung, A. T., Schmidt, M., Huemer, G. M., Longaker, M. T., Lorenz, H. P.
2015; 2015: 383581-?
- **A mouse fetal skin model of scarless wound repair.** *Journal of visualized experiments : JoVE*
Walmsley, G. G., Hu, M. S., Hong, W. X., Maan, Z. N., Lorenz, H. P., Longaker, M. T.
2015
- **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
- **Tissue engineering and regenerative repair in wound healing.** *Annals of biomedical engineering*
Hu, M. S., Maan, Z. N., Wu, J., Rennert, R. C., Hong, W. X., Lai, T. S., Cheung, A. T., Walmsley, G. G., Chung, M. T., McArdle, A., Longaker, M. T., Lorenz, H. P.
2014; 42 (7): 1494-1507
- **The Role of Hypoxia-Inducible Factor in Wound Healing.** *Advances in wound care*
Hong, W. X., Hu, M. S., Esquivel, M., Liang, G. Y., Rennert, R. C., McArdle, A., Paik, K. J., Duscher, D., Gurtner, G. C., Lorenz, H. P., Longaker, M. T.
2014; 3 (5): 390-399
- **The Role of Stem Cells During Scarless Skin Wound Healing.** *Advances in wound care*
Hu, M. S., Rennert, R. C., McArdle, A., Chung, M. T., Walmsley, G. G., Longaker, M. T., Lorenz, H. P.
2014; 3 (4): 304-314
- **Abstract 135: improved engraftment of autologous skin grafts in diabetic mice with adipose-derived stem cells.** *Plastic and reconstructive surgery*
Hu, M., Hong, W. X., Senarath-Yapa, K., Zimmermann, A., Chung, M., Esquivel, M., McArdle, A., Walmsley, G., Maan, Z., Garza, R., Lorenz, H. P., Longaker, M.
2014; 133 (3): 151-?
- **Abstract 140: identification, characterization, and prospective isolation of a fibroblast lineage contributing to dermal development, cutaneous scarring, radiation fibrosis, and cancer stroma.** *Plastic and reconstructive surgery*
Walmsley, G. G., Rinkevich, Y., Hu, M. S., McArdle, A., Maan, Z. N., Lorenz, H. P., Weissman, I. L., Longaker, M. T.
2014; 133 (3): 157-?
- **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
- **Using bioabsorbable fixation systems in the treatment of pediatric skull deformities leads to good outcomes and low morbidity** *CHILDS NERVOUS SYSTEM*
Gephart, M. G., Woodard, J. I., Arrigo, R. T., Lorenz, H. P., Schendel, S. A., Edwards, M. S., Guzman, R.
2013; 29 (2): 297-301

- **Scarless fetal skin wound healing update** *BIRTH DEFECTS RESEARCH PART C-EMBRYO TODAY-REVIEWS*
Lo, D. D., Zimmermann, A. S., Nauta, A., Longaker, M. T., Lorenz, H. P.
2012; 96 (3): 237-247
- **Abdominal wall reconstruction with dual layer cross-linked porcine dermal xenograft: The "Pork Sandwich" herniorraphy** *JOURNAL OF PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY*
Satterwhite, T. S., Miri, S., Chung, C., Spain, D. A., Lorenz, H. P., Lee, G. K.
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- **Congenital Microcystic Adnexal Carcinoma** *ARCHIVES OF DERMATOLOGY*
Fu, T., Clark, F. L., Lorenz, H. P., Bruckner, A. L.
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- **Initial Clinical Experience Using a Novel Ultraportable Negative Pressure Wound Therapy Device** *WOUNDS-A COMPENDIUM OF CLINICAL RESEARCH AND PRACTICE*
Fong, K. D., Hu, D., Eichstadt, S. L., Gorell, E., Munoz, C. A., Lorenz, H. P., Chang, A. L.
2010; 22 (9): 230-236
- **The SNaP System: Biomechanical and Animal Model Testing of a Novel Ultraportable Negative-Pressure Wound Therapy System** *PLASTIC AND RECONSTRUCTIVE SURGERY*
Fong, K. D., Hu, D., Eichstadt, S., Gupta, D. M., Pinto, M., Gurtner, G. C., Longaker, M. T., Lorenz, H. P.
2010; 125 (5): 1362-1371
- **Cyclophilin C-Associated Protein/Mac-2 Binding Protein Colocalizes With Calnexin and Regulates the Expression of Tissue Transglutaminase** *JOURNAL OF CELLULAR PHYSIOLOGY*
Kong, W., Lin, B. W., Li, S., Longaker, M. T., Lorenz, H. P.
2010; 223 (1): 151-157
- **Germ plasm-like Dot cells maintain their wound regenerative function after in vitro expansion** *CLINICAL AND EXPERIMENTAL PHARMACOLOGY AND PHYSIOLOGY*
Kong, W., Li, S., Lorenz, H. P.
2010; 37 (4): e136-e144
- **Upregulation of Neurodevelopmental Genes During Scarless Healing** *ANNALS OF PLASTIC SURGERY*
Antony, A. K., Kong, W., Lorenz, H. P.
2010; 64 (2): 247-250
- **Interaction of Wingless Protein (Wnt), Transforming Growth Factor-beta 1, and Hyaluronan Production in Fetal and Postnatal Fibroblasts** *PLASTIC AND RECONSTRUCTIVE SURGERY*
Carre, A. L., James, A. W., Macleod, L., Kong, W., Kawai, K., Longaker, M. T., Lorenz, H. P.
2010; 125 (1): 74-88
- **A rare case of mistaken identity: metastatic hepatocellular carcinoma to the nose.** *Journal of surgical case reports*
Lee, G., Lorenz, H., Mohan, S.
2010; 2010 (4): 3-?
- **High expression of collagen XV and nonfibrillar elastic fibers in embryonic as compared with postnatal skin** *95th Annual Clinical Congress of the American-College-of-Surgeons/64th Annual Sessions of the Owen H Wangenstein Forum on Fundamental Surgical Problems*
Carre, A. L., James, A., Macleod, L., Kawai, K., Longaker, M. T., Lorenz, H. P.
ELSEVIER SCIENCE INC.2009: S71-S71
- **FETAL SKIN WOUND HEALING** *ADVANCES IN CLINICAL CHEMISTRY VOL 48*
Buchanan, E. P., Longaker, M. T., Lorenz, H. P.
2009; 48: 137-161
- **Wingless protein (Wnt) expression in fetal wounds** *94th Annual Clinical Congress of the American-College-of-Surgeons/63rd Annual Sessions of the Owen H Wangenstein Forum on Fundamental Surgical Problems*
Carre, A. L., Joseph, K., Chang, E., Longaker, M. T., Helms, J., Lorenz, H. P.
ELSEVIER SCIENCE INC.2008: S60-S61
- **Blood-derived small Dot cells reduce scar in wound healing** *EXPERIMENTAL CELL RESEARCH*

- Kong, W., Li, S., Longaker, M. T., Lorenz, H. P.
2008; 314 (7): 1529-1539
- **Adult and fetal wound healing** *FRONTIERS IN BIOSCIENCE-LANDMARK*
Hantash, B. M., Zhao, L., Knowles, J. A., Lorenz, H. P.
2008; 13: 51-61
 - **Infant mandibular distraction with an internal curvilinear device** *JOURNAL OF CRANIOFACIAL SURGERY*
Miller, J. J., Kahn, D., Lorenz, H. P., Schendel, S. A.
2007; 18 (6): 1403-1407
 - **Keratinocytes modulate fetal and postnatal fibroblast transforming growth factor-beta and Smad expression in co-culture** *PLASTIC AND RECONSTRUCTIVE SURGERY*
Colwell, A. S., Yun, R., Krummel, T. M., Longaker, M. T., Lorenz, H. P.
2007; 119 (5): 1440-1445
 - **Untitled - Reply** *JOURNAL OF PEDIATRIC SURGERY*
Dutta, S., Lorenz, H. P., Albanese, C. T.
2007; 42 (4): 752-752
 - **Transforming growth factor-beta, smad, and collagen expression patterns in fetal and adult keratinocytes** *PLASTIC AND RECONSTRUCTIVE SURGERY*
Colwell, A. S., Faudo, R., Krummel, T. M., Longaker, M. T., Lorenz, H. P.
2007; 119 (3): 852-857
 - **Re: Differential effects of FGFR2 mutation in ophthalmologic findings in Apert syndrome. Discussion** *JOURNAL OF CRANIOFACIAL SURGERY*
Kwan, M. D., Wan, D. C., Lorenz, H. P., Longaker, M. T.
2007; 18 (2): 459-460
 - **Cyclophilin C-associated protein is up-regulated during wound healing** *JOURNAL OF CELLULAR PHYSIOLOGY*
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