

**Plastic Surgery Research Laboratory
2008 Presentations (95)**

* = presenter

54th Annual Scientific Meeting of the Robert H. Ivy Society of Plastic Surgeons (5)

1. Solari, M.G.*; McLean, K.M.; Zhang, D.; Unadkat, J.V.; Pulikkottil, B.J.; Afrooz, P.N.; Gorantla, V.S.; Schneeberger, S.; Zheng, X.X.; Thomson, A.W.; Lee, W.P.A. "Rapamycin Pharmacokinetics and Efficacy in Experimental Composite Tissue Allotransplantation," 54th Annual Scientific Meeting of the Robert H. Ivy Society of Plastic Surgeons, April 12, 2008, Valley Forge, King of Prussia, PA.

***Best Overall Paper**

2. DeCesare, G.E.*; Smith, D.M.; Afifi, A.; Cooper, G.M.; Mooney, M.P.; Losee, J.E. "The Effects of BMP2 on Sutural Patency in Craniofacial Defect Repair," 54th Annual Scientific Meeting of the Robert H. Ivy Society of Plastic Surgeons, April 12, 2008, Valley Forge, King of Prussia, PA.

***2nd place, Basic Science Research Presentation**

3. McLean KM,* Solari MG, Zanon RR, Kwegyir-Afful EE, Unadkat JV, Afrooz PN, Pulikkottil BJ, Carvell GE, Simons DJ, Lee WPA. "Function and Topography in the Primary Somatosensory Cortex after Face Transplantation," 54th Annual Scientific Meeting of the Robert H. Ivy Society of Plastic Surgeons, April 12, 2008, Valley Forge, King of Prussia, PA.
4. Unadkat JV,* Schneeberger S, Solari M, McLean K, Pullikotil B, Afrooz P, Gorantla V, Lee WPA. Optimizing Functional Outcomes Following Composite Tissue Allotransplantation. 54th Annual Scientific Meeting of the Robert H. Ivy Society of Plastic Surgeons, April 12, 2008, Valley Forge, King of Prussia, PA.
5. Pulikkottil BJ,* Hautz T, Zelger B, Brandacher G, Gorantla VS, Afrooz PN, Solari MG, McLean KM, Unadkat JV, Petzelbauer P, Lee WPA, Margreiter, Schneeberger S. "Upregulation and Targeting of the Adhesion Molecule VE Cadherin in Human and Experimental Limb Transplantation," 54th Annual Scientific Meeting of the Robert H. Ivy Society of Plastic Surgeons, April 12, 2008, Valley Forge, King of Prussia, PA.

Society of University Surgeons Annual Meeting (1)

1. McLean, KM,* Solari MG, Zanon RR, Kwegyir Afful, E. Su A. Gorantla VA, Unadkat JV, Schneeberger S. Carvell GE. Simons DJ, Lee WPA. "Cortical topography and neuronal response properties after face transplantation," Society of University Surgeons, Annual Meeting. Huntington Beach, CA. February 12-15, 2008.

***Winner, Best Paper, Plenary Session**

Tissue Engineering and Regenerative Medicine Society Annual Meeting (1)

1. Marra, KG,* Tan, H, Li, H, Rubin, JP. "Synthesis and Characterization of Hyaluronic Acid-based Injectable, Biodegradable Hydrogels for Soft Tissue Repair TERMIS-NA Annual Meeting. San Diego, CA. December 7-10, 2008.

Ohio Valley Society 51st Annual Meeting (7)

1. McLean KM,* Solari MG, Zanoun RR, Kwegyir-Afful EE, Unadkat JV, Afrooz PN, Pulikkottil BJ, Carvell GE, Simons DJ, Lee WPA. "Cortical Response Properties of the Primary Somatosensory Cortex after Face Transplantation," Ohio Valley Society of Plastic Surgeons, 51st Annual Meeting, Cleveland, OH, May 16-18, 2008.

***First Place, Basic Science Award**

2. Unadkat JV,* Paul Afrooz, Mario Solari, Kia McLean, Benson Pullikotil, Vijay Gorantla, Stefan Schneeberger, Doug Weber, W.P. Andrew Lee. "Effect of Multiple Rejections on Function Following Composite Tissue Allotransplantation," Ohio Valley Society of Plastic Surgeons, 51st Annual Meeting, Cleveland, OH, May 16-18, 2008.

***Winner, Best Overall Presentation**

3. Marra, K.G., "Stem Cell Research: Current Status and Future Trends," Ohio Valley Society of Plastic Surgeons, 51st Annual Meeting, Cleveland, OH on May 17, 2008.
4. Solari MG,* McLean KM, Unadkat JV, Zhang D, Pulikkottil BJ, Afrooz PN, Zheng XX, Thomson AW, Lee WPA. "Rapamycin Promotes Regulatory T-Cell Expansion and Composite Tissue Allograft Survival," Ohio Valley Society of Plastic Surgeons, 51st Annual Meeting, Cleveland, OH, May 16-18, 2008.

5. Pulikkottil BJ,* Hautz T, Zelger B, Brandacher G, Gorantla VS, Afrooz PN, Solari MG, McLean KM, Unadkat JV, Petzelbauer P, Margreiter R, Lee WPA, Schneeberger S. "Addressing Lymphocyte Trafficking in Rejection in Composite Tissue Allo-transplantation," Ohio Valley Society of Plastic Surgeons, 51st Annual Meeting, Cleveland, OH, May 16-18, 2008.

6. Smith, DM,* Afifi, AM, Cooper, GM, Mooney, MP, DeCesare, GE, Losee, JE. "The Effects of BMP-2 on Sutural Patency in Craniofacial Defect Repair,"

***Winner, Runner-Up, Basic Science Award**

7. Naran, S,* Worrall, C, Madia, J, DeCesare, GE, Smith, DM, Losee, JE. "Oro-Facial Clefting: Incidence of Congenital and Acquired Co-Morbidities" Ohio Valley Society of Plastic Surgeons, 51st Annual Meeting, Cleveland, OH, May 16-18, 2008.

***Winner, Runner-Up, Clinical Research Award**

Annual Meeting of the American Association of Dental Research (1)

1. Cooper GM, Lensie EL, Barbano TE, DeCesare GE, Cray JJ, Mooney MP, Losee JE. "Craniosynostotic Rabbit Dura Mater Inhibits Osteogenic Differentiation of Bone-Derived Cells" Annual Meeting of the American Association of Dental Research, Dallas, TX, April 2-5, 2008.

65th Meeting American Cleft Palate-Craniofacial Association (1)

1. Mooney MP, Moursi A, Cooper GM, Barbano TE, Cray J, Caccamese J, Norbutt C, Edwards S, Costello BJ, Losee JE, Siegel MI. "Anti-TGF- β 2 Antibody Therapy Inhibits Postoperative Reossification in Rabbits with Unicoronal Synostosis," 65th Anniversary Meeting American Cleft Palate-Craniofacial Association, Philadelphia, PA, April 17, 2008 (poster).

First American Conference on Reconstructive Transplant Surgery (7)

1. Washington, KM,* Solari MG, Zanoun RR, Unadkat JV, Afrooz PN, Pulikkottil BJ, Gorantla VS, Schneeberger S, Carvell GE, Simons DJ, Lee WPA. "Cortical Response Properties of the Primary Somatosensory Cortex after Composite Tissue Transplantation," First American Conference on Reconstructive Transplant Surgery. Philadelphia, PA. July 17-19, 2008.
2. Unadkat JV,* Afrooz PN, Solari MG, Washington KM, Bourbeau D, Pullikotil B, Gorantla V, Schneeberger S, Weber D, Lee WPA. "Do Multiple Acute Rejections affect Functional Outcomes Following Composite Tissue Allotransplantation?" 1st American Congress on Reconstructive Transplant Surgery, Philadelphia, PA. July 17-19, 2008.
3. Unadkat JV,* Afrooz PN, Solari MG, Washington KM, Bourbeau D, Pullikotil B, Gorantla V, Schneeberger S, Weber D, Lee WPA. "Transplant Vasculopathy and Humoral Immune System in Composite Tissue Allotransplantation: Role of Multiple Acute Rejections." 1st American Congress on Reconstructive Transplant Surgery, Philadelphia, PA. July 17-19, 2008.
4. Zhang D,* Lee JK, Zhang WS, Liu Y, Tian Y, Lee WPA, Zheng XX. "Tolerance Induction Using IL-21 Antagonizing Fusion Protein," 1st American Congress on Reconstructive Transplant Surgery, Philadelphia, PA. July 17-19, 2008.
5. Gorantla VS, Schneeberger S, Pulikkottil B, Moore LR, Lee WPA, Donnenberg AD. "A Modified Technique for Retrieval of Vertebral Bodies for Bone Marrow Cell Isolation in a GMP Environment," 1st American Congress on Reconstructive Transplant Surgery, Philadelphia, PA. July 17-19, 2008.
6. Afrooz PN, Bourbeau D, Washington KM, Unadkat JV, Solari MG, Pulikkottil BJ, Gorantla VS, Weber DJ, Carvel GE, Simons DJ, Schneeberger S, Lee WPA. "Enhancing Functional Outcomes in Composite Tissue Allotransplantation," 1st American Congress on Reconstructive Transplant Surgery, Philadelphia, PA. July 17-19, 2008.
7. Hautz T, Zelger B, Brandacher G, Muller HG, Lee WPA, Fuchs D, Margreiter R, Schneeberger S. "Characterization of the Lymphocytic Infiltrate and Adhesion and Trafficking Markers in Rejection of the Skin of Human Hand Allografts," 1st American Congress on Reconstructive Transplant Surgery, Philadelphia, PA. July 17-19, 2008.

McGowan Institute for Regenerative Medicine (MIRM) Retreat (6)

1. Kokai, L.E.;* Marra, K.G. "Characterization of Double-Walled Microspheres for Sustained Protein Delivery," McGowan Institute for Regenerative Medicine, Nemaquin Woodlands, PA on March 10, 2008 (poster).
2. Brayfield, C.A.;* Marra, K.G.; Leonard, J.P.; Cui, X.T.; Gerlach, J.C. "Development of Hollow Fiber-based Bioreactor Systems for 3D Neuronal Cell Cultures," McGowan Institute for Regenerative Medicine, Nemaquin Woodlands, PA on March 10, 2008 (poster)
***Winner, 1st Place Poster.**
3. Li, H.;* Marra, K.G.; Kokai, L.E.; Rubin J.P. "Adipose Derived Stem Cells Labeled with GFP Using Lentiviral Vector," McGowan Institute for Regenerative Medicine, Nemaquin Woodlands, PA on March 10, 2008 (poster).
4. Tan, H.;* DeFail, A.J.; Rubin, J.P.; Chu, C.R.; Marra, K.G. "Novel PEG-based Hydrogels for Tissue Engineering," McGowan Institute for Regenerative Medicine, Nemaquin Woodlands, PA on March 10, 2008 (poster).

5. Lin, Y.-C.;* Brayfield, C.A.; Gerlach, J.C.; Rubin, J.P.; Marra, K.G. "Modification of Polyethersulfone Surfaces to Improve Adipose-derived Stem Cell Adhesion," McGowan Institute for Regenerative Medicine, Nemacon Woodlands, PA on March 10, 2008 (poster).
6. Miljkovic, N.D.;* Rubin, J.P.; Marra, K.G. "Osteogenesis vs. Chondrogenesis of Adipose-derived Stem Cells using BMP-2," McGowan Institute for Regenerative Medicine, Nemacon Woodlands, PA on March 10, 2008 (poster).
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Northeastern Society of Plastic Surgeons (10)

1. Julio A. Clavijo-Alvarez, MD, PhD, Lisa Vecchione, DMD, MDS, Chetan Irwin, MS, Gary DeCesare, MD, Darren M. Smith, MD, Joseph E. Losee, MD. Acellular Dermal Matrix In Alveolar Bone Grafting: A Novel Strategy For Improved Outcomes, NESPS Annual Meeting, Philadelphia, PA, October 2-5, 2008.
2. Ian L. Valerio, MD, MS, MBA¹, Gary DeCesare, MD, Joe Madia, BS, Tae Chong, MD, Sanjay Naran, BS, Lisa Vecchione, DMD, MDS, Shao Jiang, MD, Frederic WB Deleyiannis, MD, MPhil, MPH, Joseph Losee, MD Management of Complex Pediatric Mid-face Fractures, NESPS Annual Meeting, Philadelphia, PA, October 2-5, 2008.
3. Nelson E. Castillo, M.D., Darren Smith, M.D., Joseph Madia, MS-III, Gary DeCesare, M.D., Sanjay Naran, MS-III, Franklyn Cladis, M.D., Matt Ford, MS, CCC-SLP, Lisa Vecchione, DMD, MDS, Shao Jiang, M.D., Joseph Losee, M.D. "Intraoperative High Dose; Epinephrine Infiltration In Cleft Palate Repair," NESPS Annual Meeting, Philadelphia, PA, October 2-5, 2008.
4. Joseph E. Losee, MD, FACS, Richard M. Saladino, MD, Joseph V. Madia, BS, Lisa Vecchione, DDS, Frederic W.B. Deleyiannis, MD, Gary M. DeCesare, MD, Sanjay Naran, BS. Pediatric Facial Fractures: The Current Demographic 2000-2007, NESPS Annual Meeting, Philadelphia, PA, October 2-5, 2008.
5. Darren M. Smith, MD, Alex Rottgers, MD, Joseph Madia, BS, Sanjay Naran, BS, Lisa Vecchione, DMD, MDS, Gary DeCesare, MD, Michael Bykowski, MS, BPhil, Joseph E. Losee, MD. Pediatric Mandible Fractures: Presentation, Management, And Early Follow-Up, NESPS Annual Meeting, Philadelphia, PA, October 2-5, 2008.
6. S. Alex Rottgers, Gary Decesare, MD, Darren Smith, MD, Joseph Madia, Sanjay Naran, Shao Jiang, MD, Frederick Deleyiannis, MD MPhil, Lisa Vecchione, DMD MDS, Joseph Losee, MD. Complications of Pediatric Facial Fractures, NESPS Annual Meeting, Philadelphia, PA, October 2-5, 2008.
7. Jeffrey A. Gusenoff, MD, Devin Coon, B.A., Carolyn De La Cruz, MD, J. Peter Rubin, MD. , Superficial Inferior Epigastric Vessel Caliber and Reliability in the Massive Weight Loss Population: Implications for Breast Reconstruction NESPS Annual Meeting, Philadelphia, PA, October 2-5, 2008.
8. Darren M. Smith, MD, Ahmed M. Afifi, MD, Gregory M. Cooper, PhD, Mark P. Mooney, PhD, Gary DeCesare, MD, Joseph E. Losee, MD. The Effects Of BMP-2 On Sutural Patency In Craniofacial Defect Repair, NESPS Annual Meeting, Philadelphia, PA, October 2-5, 2008.
9. Devin Coon, B.A., Jeffrey A. Gusenoff, M.D., J. Peter Rubin, M.D. Multiple Procedures and Staging in the Massive Weight Loss Population, NESPS Annual Meeting, Philadelphia, PA, October 2-5, 2008
10. Devin Coon, B.A., Jeffrey A. Gusenoff, M.D., J. Peter Rubin, M.D. Body Mass and Surgical Complications in the Post-Bariatric Reconstructive Patient: Analysis of 511 Cases, NESPS Annual Meeting, Philadelphia, PA, October 2-5, 2008.

3rd Annual Academic Surgical Congress (2)

1. Schipper, B.*; Marra, K.G.; Donnenberg A.; Donnenberg, V.; Surti U.; Zeevi A.; Agha M.; Rubin J.P. "Adipose derived stem cells: A novel source of stem cell for bone marrow transplant," 3rd Annual Academic Surgical Congress, Huntington Beach, CA, February 13-15, 2008.
2. Rubin, J.P.; Pfeifer, M.; Donnenberg, V.; Schipper, B.; Marra, K.G.; Donnenberg, A. "Hematopoietic Colony-Forming Cells Derived From Mesenchymal Stem Cells within Human Adipose Tissue," 3rd Annual Academic Surgical Congress, Huntington Beach, CA, February 13-15, 2008.

American Association of Reconstructive Microsurgeons (2)

1. Unadkat JV, Horibe EK, Schneeberger S, Solari M, McLean K, Gorantla V, Lee WPA. "Chronic rejection in experimental composite tissue allotransplantation: First evidence," American Association of Reconstructive Microsurgeons Annual Meeting, Beverly Hills, CA. Jan 12-15, 2008.
2. McLean KM,* Solari MG, Sacks JM, Su A, Gorantla VS, Unadkat JV, Schneeberger S, Carvell GE, Simons DJ, Lee WPA. "Evaluation of Cortical Reorganization in Facial Transplantation," American Society of Reconstructive Microsurgery Annual Meeting, Beverly Hills, CA. Jan 12-15, 2008

American Association for Hand Surgery (1)

1. Solari MG, McLean KM, Sacks JM, Hautz T, Unadkat JV, Horibe E, Gorantla VS, Schneeberger S, Thomson AW, Lee WPA. "Local Immunotherapy Inhibits Skin Rejection in Composite Tissue Allotransplantation," Los Angeles, CA

Plastic Surgery Research Council 53rd Annual Meeting (12)

1. Kuo, Y.-R.; Huang, C.W.; Goto, S.; Wang, C.T.; Lin, Y.C.; Hsu, L.W.; Chen, C.L.; Lee, W.P.A. "Alloantigen-pulsed Host Dendritic Cells Induce T-Cell Regulation and Prolong Allograft Survival in a Hind-Limb Allotransplantation Rat Model," 53rd Plastic Surgery Research Council, Springfield, IL, May 28-31, 2008.
2. Solari, M.G.; McLean, K.M.; Unadkat, J.; Pulikkottil, B.; Afrooz, P.; Aheng, X.X.; Thomson, A.; Lee, W.P.A. "The Tolerogenic Properties of Rapamycin in Composite Tissue Transplantation," 53rd Plastic Surgery Research Council, Springfield, IL, May 28-31, 2008.
3. McLean, K.M.; Solari, M.; Zanon, R.; Kwegyir-Afful, E.; Unadkat, J.; Afrooz, P.; Pulikkottil, B.; Carvell, G.; Simons, D.; Lee, W.P.A. "Cortical Function and Mapping after Face Transplantation," 53rd Plastic Surgery Research Council, Springfield, IL, May 28-31, 2008.
4. Naghshineh, N.; Coon, D.; McTigue, K.; Courcoulas, A.; Fernstrom, M.; Rubin, J.P. "Nutritional Assessment of Post Gastric Bypass Body Contouring Candidates," 53rd Plastic Surgery Research Council, Springfield, IL, May 28-31, 2008.
5. Coon, D.; Gusenoff, J.; Naghshineh, N.; Rubin, J.P. "Body Mass in Body Contouring Complications: A Prospective Analysis," 53rd Plastic Surgery Research Council, Springfield, IL, May 28-31, 2008.

6. DeCesare, G.; Lensie, E.; Mooney, M.; Losee, J.; Cooper, G. "Co-culture with Craniosynostotic Dural Cells Facilitates BMP4-mediated Osteogenic Induction of Murine Myoblast Cells," 53rd Plastic Surgery Research Council, Springfield, IL, May 28-31, 2008.
7. Smith, D.M.; Gross, K.; DeCesare, G.; Cooper, G.; Rubin, J.P.; Marra, K.G.; Losee, J.E. "Soluble Factors from Infant Dura Induce Osteogenic Differentiation of Adult-derived ASCs," 53rd Plastic Surgery Research Council, Springfield, IL, May 28-31, 2008.
8. Naran, S.; Gilmore, J.; Deleyiannis, F. "The Assessment of Port Wine Stains in Children Following Multiple Pulsed-dye Laser Treatments," 53rd Plastic Surgery Research Council, Springfield, IL, May 28-31, 2008.
9. Gusenoff, J.; Coon, D.; Rubin, J.P. "Brachioplasty and Concomitant Procedures after Massive Weight Loss: A Prospective Statistical Analysis," 53rd Plastic Surgery Research Council, Springfield, IL, May 28-31, 2008.
10. Pulikkottil, B.; Hautz, T.; Zelger, B.; Brandacher, G.; Afrooz, P.; Gorantla, V.; Petzelbauer, P.; Lee, W.P.A.; Margreiter, R.; Schneeberger, S. "Targeting Molecular Markers of Lymphocyte Trafficking in Limb Transplantation," 53rd Plastic Surgery Research Council, Springfield, IL, May 28-31, 2008.
11. Unadkat, J.; Solari, M.; McLean, K.; Afrooz, P.; Pulikkottil, B.; Gorantla, V.; Cooper, G.; Zheng, X.X.; Lee, W.P.A. "Histomorphological Features of Chronic Rejection in Composite Tissue Transplantation," 53rd Plastic Surgery Research Council, Springfield, IL, May 28-31, 2008.
12. Unadkat, J.; Solari, M.; McLean, K.; Bourbeau, D.; Schneeberger, S.; Afrooz, P.; Cooper, G.; Zheng, X.X.; Weber, D.; Lee, W.P.A. "Functional Outcome following Composite Tissue Allotransplantation" Effects of Multiple Acute Rejections," 53rd Plastic Surgery Research Council, Springfield, IL, May 28-31, 2008.

American Transplant Congress (2)

1. Hautz T, Zelger B, Brandacher G, Mueller H, Lee WPA, Margreiter R, Schneeberger S. "Expression of Molecular Mechanisms of Lymphocyte Trafficking Correlates Closely with Skin Rejection in Human Hand Transplantation," American Transplant Congress, Toronto, Canada, , May 31-June 4, 2008.
2. Hautz T, Brandacher G, Zelger B, Mueller H, Lee WPA, Margreiter R, Schneeberger S. "Investigation of the Immunomodulatory Phenotype of Infiltrating Lymphocytes in Skin Rejection of Human Hand Allografts," American Transplant Congress, Toronto, Canada, May 31-June 4, 2008.

University of Pittsburgh Department of Surgery Research Day (2)

1. McLean, K.; Solari MG, Zanoun RR, Kwegyir-Afful EE, Unadkat JV, Afrooz PN, Pulikkottil BJ, Carvell GE, Simons DJ, Lee, W.P.A. "Cortical Function and Mapping after Face Transplantation," 6th Annual Department of Surgery Research Day, Pittsburgh, PA, May 14, 2008.
***Winner, Best Oral Presentation**
2. Schipper, B.M.; Rubin, J.P. "Adipose Derived Stem Cells: A Novel Source of Stem Cell for Bone Marrow Transplant," 6th Annual Department of Surgery Research Day, Pittsburgh, PA, May 14, 2008.

94th Annual Clinical Congress of the American College of Surgeons (1)

1. Afrooz PN, Solari MG, Washington KM, Bourbeau D, Pullikotil B, Gorantla V, Schneeberger S, Weber D, Lee WPA. “Achieving functional recovery in experimental hind-limb transplantation comparable to replantation,” 94th Annual Clinical Congress of the American College of Surgeons, San Francisco, CA. October 12, 2008.

5th Annual University of Pittsburgh Plastic Surgery Resident Research Day (34)

1. Edward S. Lee, MD, MS: “MRI Imaging of Patients with Velopharyngeal Insufficiency” Authors: Edward S. Lee, MD, MS, Darren M. Smith, MD, Kalliopi A. Petropoulou, MD, Matthew D. Ford, MS, CCC-SLP, Joseph E. Losee, MD, Shao Jiang, MD.
2. Nelson E. Castillo, MD: “Intraoperative “High Dose” Epinephrine Infiltration in Cleft Palate Repair” Authors: Nelson E. Castillo, MD, Darren M. Smith, MD, Joseph Madia, BS, Gary E. DeCesare, MD, Sanjay Naran, BS, Franklyn P. Cladis, MD, Matt Ford, MS, CCC-SLP, Lisa Vecchione, DMD, MDS, Shao Jiang, MD, Joseph E. Losee, MD.
3. Brett Michelotti, BS: “Early Speech Outcomes Following Primary Palatoplasty Incorporating Acellular Dermal Matrix” Authors: Brett Michelotti, BS, Darren Smith, MD, Sanjay Naran, BS, Matthew D. Ford, MS, CCC-SLP, Lisa Vecchione, DMD, MDS, Gary E. DeCesare, MD, and Joseph E. Losee, MD.
4. Wesley N. Sivak, PhD: “Videofluoroscopic Closure Patterns of the Velopharyngeal Portal in Patients with Submucous Cleft Palate” Authors: Wesley N. Sivak, PhD, Matthew D. Ford, MS, CCC-SLP; Gary E. DeCesare, MD, Frederic W. – B. Deleyiannis, MD, MPH, MPhil, Shao Jiang, MD, Joseph E. Losee, MD.
5. Derek R. Fletcher, MD: “Balancing Cupid’s Bow with Medial Lip Shortening” Authors: Derek R. Fletcher, MD, Gary E. DeCesare, MD, Joseph E. Losee, MD.
6. Julio A. Clavijo-Alvarez, MD, PhD: “Acellular Dermal Matrix in Alveolar Bone Grafting: A Novel Strategy for Improved Outcomes” Authors: Julio A. Clavijo-Alvarez, MD, PhD, Lisa Vecchione, DMD, MDS; Chetan S. Irwin, BA; Gary E. DeCesare, MD, Darren M. Smith, MD, Joseph E. Losee, MD.
7. Sanjay Naran, BS: “Oro-Facial Clefting: Incidence of Congenital and Acquired Co-Morbidities” Authors: Sanjay Naran, BS, Christine Worrall, BA, Joseph Madia, BS, Gary E. DeCesare, MD, Darren M. Smith, MD, Joseph E. Losee, MD.
8. Chetan S. Irwin, BA: “Nasal Tip Complications of Primary Cleft Lip Nasoplasty “ Authors: Chetan S. Irwin, BA, Matthew J. Alef, MD, Darren Smith, MD, Gary E. DeCesare MD, Ahmed Afifi, MD, Shao Jiang, MD, Lisa Vecchione, DMD, MDS, Matthew D. Ford, MS, CCC-SLP, Frederic W.-B. Deleyiannis, MD, MPH, MPhil, and, Joseph E. Losee, MD.
9. Christine Fisher, MD: “Clinical and Radiographic Findings Predictive of Transcranial Extension of Nasal Dermoid Cysts” Authors: Christine Fisher MD, Darren Smith MD, Chetan Irwin, Ian Pollack MD, Elizabeth Tyler-Kabara MD, Joseph E. Losee MD.
10. Ian L. Valerio, MD, MS, MBA: “Management of Complex Pediatric Mid-face Facial Fractures” Authors: Ian Valerio MD, MS, MBA, Gary DeCesare, MD, Joseph Madia, BS, Tae Chong, MD, Sanjay Naran, BS, Lisa Vecchione, DMD, MDS, Shao Jiang, MD, Frederic W. – B. Deleyiannis MD, MPH, MPhil, Joseph E. Losee, MD.
11. S. Alex Rottgers, MD: “Adverse Outcomes in Pediatric Facial Fractures” Authors: S. Alex Rottgers MD, Gary E. DeCesare MD, Darren M. Smith MD, Joseph Madia, BS, Sanjay Naran, BS, Mimi Chao Mills, MD, Shao Jiang MD, Frederic W. – B. Deleyiannis MD, MPH, MPhil, Lisa Vecchione, DMD, MDS, Joseph E. Losee, MD.

12. Roe E. Rubinstein, MD: “Oblique Pediatric Craniofacial Fractures” Authors: Roe Rubinstein, MD, Chetan Irwin, BA, Gary DeCesare, MD, Ahmed Afifi, MD, Shao Jiang, MD, Darren Smith, MD, Joseph Losee, MD.
13. Michael R. Bykowski, BPhil, MS: “Pediatric Mandible Fractures: Presentation, Management, and Early Follow-up” Authors: Michael R. Bykowski, BPhil, MS, Darren M. Smith MD, S. Alex Rottgers, MD, Joseph Madia, BS, Sanjay Naran BS, Lisa Vecchione, DMD, MDS, Gary E. DeCesare, MD, Joseph E. Losee, MD.
14. Devin Coon, BA:* “Body Mass and Surgical Complications in the Postbariatric Reconstructive Patient: Analysis of 511 Cases” Authors: Devin Coon, BA, Jeffrey A. Gusenoff, MD, Neeta Kannan, Samar R. El Khoudary, PhD, MPH, Nima Naghshineh, BA, J. Peter Rubin, MD.
***Winner, Best Clinical Paper**
15. Tae W. Chong, MD: “Gender Dependent Outcomes in Body Contouring Surgery” Authors: Tae W. Chong, MD, Ian L. Valerio, MD, Angela Y. Song, MD, MPH, Jeffrey A. Gusenoff, MD, Devin Coon, BA, J. Peter Rubin, MD.
16. Angela Y. Song, MD, MPH: “Psychiatric Traits in Body Contouring Patients” Authors: Angela Y. Song, MD, MPH, Madelyn H. Fernstrom, PhD, James O’Toole, MD, Lawton Tang, MD, Jeffrey A. Gusenoff MD, J. Peter Rubin MD.
17. Jonathan Keith, MD: “The Tram-wich: Novel use of a Deepithelialized, Pedicled Transverse Rectus Abdominus Musculocutaneous (TRAM) Flap for Restoration of Volume in an Irradiated Patient” Authors: Jonathan Keith, MD and Guy Stofman, MD.
18. Alex K. Wong, MD: “Histologic Analysis of Periprosthetic AlloDerm Used in Implant Based Breast Reconstruction” Authors: Alex K. Wong, MD, Jeffrey L. Fine, MD, and Kenneth C. Shestak, MD.
19. Galen S. Wachtman, MD: “Reconstruction of the Mandible Using Human Recombinant BMP-2” Authors: Galen S. Wachtman, MD, Tae W. Chong, MD, Ernest K. Manders, MD.
20. Nestor A. Veitia, MD: “Incorporating Bidirectional Barbed Suture (Quill[®]) into the Minimal Access Cranial Suspension (MACS) Lift” Authors: Nestor A. Veitia, MD, Dennis J. Hurwitz, MD.
21. Julielynn Wong, MD, MPH: “Evaluating the Accuracy, Balance, and Comprehensiveness (ABCs) of Internet News Coverage of Plastic Surgery Procedures” Authors: Julielynn Wong, MD, MPH, Jonathon Toy, MD, J. Peter Rubin, MD.
22. Gary E. DeCesare, MD: “Co-Culture with Dural Cells Affects BMP4-Mediated Osteogenic Induction of C2C12 Cells” Authors: Gary E. DeCesare, MD, Emily L. Lensie, BS, Mark P. Mooney, PhD, Joseph E. Losee, MD, Gregory M. Cooper, PhD.
23. Gary E. DeCesare, MD: “Blockade of Transforming Growth Factor- β Signaling Affects Osteogenic Induction of Co-cultured Craniosynostotic Bone and Dural Cells Differently than Wild-type” Authors: Gary E. DeCesare, MD, Emily L. Lensie, BS, Mark P. Mooney, PhD, Joseph E. Losee, MD, Gregory M. Cooper, PhD.
24. Darren M. Smith, MD: “The Effects of BMP-2 on Sutural Patency in Craniofacial Defect Repair” Authors: Darren M. Smith, MD, Ahmed M. Afifi, MD, Gregory M. Cooper, PhD, Mark P. Mooney, PhD, Gary E. DeCesare, MD, Joseph E. Losee, MD.
25. Han Li, MD: “Adipose Derived Stem Cells Labeled with GFP Using Lentivirus Vector” Authors: Han Li, MD, Kacey G. Marra, PhD, Lauren Kokai, BS, J. Peter Rubin, MD.
26. Yen-Chih Lin, MS: “Modification of Polyethersulfone Surfaces to Improve Adipose Stem Cell Adhesion” Authors: Yen-Chih Lin, MS, Candace A. Brayfield, BS, Joerg C. Gerlach, MD, PhD, J. Peter Rubin, MD, PhD, Kacey G. Marra, PhD.

27. Natasa Miljkovic, MD, PhD: “PEG-based Hydrogel Combined with Indermil as a Potential Bioscaffold for Articular Cartilage Repair” Authors: Natasa Miljkovic, MD, PhD, Yen-Chih Lin, MS, Danielle Minter, BS, Peter J. Rubin, MD, Kacey G. Marra, PhD.
28. Jimmy C. Sung, MD, JD: “Genomic Profiling of Adult Adipose Derived Stem Cells” Authors: Jimmy C. Sung, MD, JD, Han Li, PhD, Bret Schipper, MD, J. Peter Rubin, MD.
29. Jignesh V. Unadkat, MBBS, MRCS: “Effect of Multiple Rejections on Function Following Composite Tissue Allotransplantation” Authors: Jignesh V. Unadkat, MBBS, MRCS, Paul N. Afrooz MD, Mario G. Solari MD, Kia McLean Washington, MD, Benson J. Pulikkottil, MD, Vijay Gorantla MD, PhD, Stefan Schneeberger MD, Douglas J. Weber, PhD, W.P. Andrew Lee, MD.
30. Paul N. Afrooz, MD: “Enhancing Functional Outcomes in Peripheral Nerve Injury, Replantation, and Composite Tissue Allotransplantation” Authors: Paul N. Afrooz, MD, Dennis Bourbeau, BS, Kia McLean Washington, MD, Jignesh V. Unadkat, MBBS, MRCS, Mario G. Solari, MD, Benson J. Pulikkottil, MD, Vijay Gorantla, MD, PhD, Douglas J. Weber, PhD, Stefan Schneeberger, MD, W. P. Andrew Lee, MD.
31. Benson J. Pulikkottil, MD: “Addressing lymphocyte trafficking in rejection of composite tissue allografts” Authors: Benson J. Pulikkottil, MD, Theresa Hautz, BS, Paul N. Afrooz, MD, Mario G. Solari, MD, Jignesh V. Unadkat, MBBS, MRCS, Kia McLean Washington MD, Vijay Gorantla, MD, PhD, Gerald Brandacher, MD, Peter Petzelbauer MD, Xin Xiao Zheng MD, W. P. Andrew Lee MD, Raimund Margreiter, MD, Stefan Schneeberger, MD.
32. Mario G. Solari MD: “Rapamycin Promotes Regulatory T-Cell Expansion and Composite Tissue Allograft Survival” Authors: Mario G. Solari, MD, Kia McLean Washington MD, Jignesh V. Unadkat MD, Dong Zhang MD, Benson J. Pulikkottil MD, Paul N. Afrooz MD, Raman Venkataramanan PhD, Xin Xiao Zheng MD, Angus W. Thomson PhD, W. P. Andrew Lee MD.
33. Rami R. Zanon, BS:* “Cortical Function and Mapping After Face Transplantation” Authors: Kia McLean Washington, MD, Mario G. Solari, MD, Rami R. Zanon, BS, Ernest E. Kwegyir-Afful, PhD, Jignesh V. Unadkat, MBBS, Paul N. Afrooz, MD, Benson J. Pulikkottil, MD, George E. Carvell, PhD, Daniel J. Simons, PhD, W. P. Andrew Lee, MD.
***Winner, Best Science Paper**
34. Wensheng Zhang, MD: “The Synergistic Effect of TGF- β and Rapamycin on Generating/Fc Regulatory T cells and Inducing Islet Allograft Tolerance” Authors: Wensheng Zhang, MD, PhD, Dong Zhang, MD, PhD, Yun Liu, PhD, Yan Tian, BS, Xin Xiao Zheng, MD.