

CURRICULUM VITAE  
**Eser Yuksel, M.D.**

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**Personal Data:**

Born in Eskisehir, Turkey on August 21, 1960  
Citizenship: Turkey  
Visa Status: Permanent Resident

**Education and Professional Background:**

01/2006 – present	Associate Professor, Division of Plastic Surgery, Baylor College of Medicine, Houston, Texas
07/2005 - present	Adjunct Assistant Professor, Department of Bioengineering, Rice University, Houston, Texas
11/2000 - present	Associate Professorship Degree, Turkish Society of Plastic Surgery, and Turkish High Education Council

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11/1998 – 01/2006	Assistant Professor, Division of Plastic Surgery, Baylor College of Medicine, Houston, Texas
11/1997 - 07/1998	Instructor, Division of Plastic Surgery, Baylor College of Medicine, Houston, Texas
07/1996 - 07/1997	Research Fellow, Division of Plastic Surgery, Baylor College of Medicine, Houston, Texas
08/1994 - 06/1996	Attending Plastic Surgeon of American Hospital, Istanbul, Turkey (Consultant)
08/1994 - 06/1996	Visiting Staff Plastic Surgeon of Florence Nightingale Hospital, Istanbul, Turkey
08/1994 - 06/1996	Group Practice in Onep-Plastic Surgery Science Institute, Istanbul, Turkey
08/1993 - 08/1994	Fellowship in Cosmetic and Maxillofacial Surgery. Onep-Plastic Surgery Science Institute, Istanbul, Turkey. Onur EROL, MD., Director.
03/1993 - 06/1993	Military Duty in Mevki Military Hospital, Ankara, Turkey
09/1986 - 02/1993	Residency in the Department of Plastic & Reconstructive Surgery, Hacettepe University, Ankara, Turkey
09/1984 - 09/1986	Field Service in Aksar Health Office, Senkaya, Erzurum. (Compulsory Duty)
08/1978 - 08/1984	Medical School, Hacettepe University, Ankara, Turkey

**Grant Awards:**

1. PSEF National Endowment Grant Award for “The Effect of Rho Kinases on Breast Capsule Formation.” \$48,184.00 (2005). (Principal Investigator)
2. PSEF Grant Award for “New pathophysiologic insights into the molecular dynamics of Keloid formation:

- Rho kinase pathway.” \$3,660.00 (2005). (Mentor)
3. The Methodist Hospital Research Institute Grant Award for “Breast Tissue Engineering Using PPAR- $\gamma$  Ligand Delivery.” \$38,270.00 (2004-2005). (Principal Investigator) In collaboration with Rice University, Department of Bioengineering.
  4. SPORE Development Grant Award for “Breast Tissue Engineering Using PPAR- $\gamma$  Ligand Delivery.” \$20,000.00 (2004-2005). (Principal Investigator) In collaboration with Rice University, Department of Bioengineering.
  5. American Medical Association Foundation Seed Grant Award for “In Vitro Effect of PPAR-Gamma Agonist Delivery in Breast Cancer/ Stromal Cell Coculture Model: Adipogenic Differentiation Synchronous with Local Control of Disease.” \$2,405.00 (2004-2005). (Mentor)
  6. AO Grant Award for “Improving Distraction in Three Directions: Anti-inflammatory, Matrix Relaxation, and Osteogenic Effects of Rho Kinase Inhibition.” \$28,474.00 (2004-2005). (Principal Investigator)
  7. American Society of Maxillofacial Surgeons Research Grant Award for “Improving Distraction Osteogenesis in Three Directions: Anti-Inflammatory, Matrix Relaxation, and Osteogenic Effects of Rho Kinase Inhibition.” \$7, 000.00 (2004-2005). (Mentor)
  8. American Society of Maxillofacial Surgeons Research Grant Award for “Heat Shock Proteins as Endogenous Modulators of Bone Formation: A New Aspect of View to the Molecular Mechanisms of Distraction Osteogenesis.” \$6, 831.00 (2003-2004). (Mentor)
  9. Aesthetic Surgery Education and Research Foundation Grant Award for “Regulation of Plasma Leptin Levels in Lipoplasty Patients.” \$8,700.00 (2000-2001). (Principal Investigator)
  10. Plastic Surgery Educational Foundation Research Grant for “The Role of Leptin in Holmium Yag Laser Induced Angiogenesis.” \$4,700.00 (2000-2001). (Principal Investigator)
  11. American Society of Maxillofacial Surgeons Research Grant Award for “Combined Gene Therapy for Heterotopic Bone Regeneration: Optimization of Matrix Using Osteocalcin Gene Induction in TGFB Transfected Periosteal Flaps.” \$6,800.00 (1999-2000). (Principal Investigator)
  12. Breast Cancer NIH-Spore Grant for “Orthotopic Fat Tissue Bioengineering for Breast Reconstruction.” \$30,000.00 (2000-2001). (Co-Principal Investigator)
  13. Clayton Foundation for Research Grant for “Amnion-Nerve Conduits.” \$50,000.00 (1999-2000). (Co-Principal Investigator)
  14. Plastic Surgery Educational Foundation Research Grant for “IGF-1 Gene Delivery for Soft Tissue Reconstruction.” \$5,000.00 (1999-2000). (Principal Investigator)
  15. American Society of Maxillofacial Surgeons Research Grant Award for “Gene Therapy for Heterotopic Bone Regeneration: Long-Term Delivery of TGFB-1 Plasmid.” \$7,500.00 (1998-1999). (Principal Investigator)
  16. The American Society for Aesthetic Plastic Surgery Grant for “In Vivo Soft Tissue Engineering in Breast Prefabrication Model.” \$7,695.00 (1998-1999). (Principal Investigator)
  17. Clayton Foundation for Research Grant for “Amnion Basal Lamina.” \$50,000.00 (1998-1999). (Co- Investigator)
  18. Trimedyne Corporation Research Grant for “Remodeling of Connective Tissue by Holmium-Yag Laser.” \$7,737.00 for direct support, \$112,000.00 for equipment support. (1998). (Principal Investigator)
  19. Sigma Xi Grant in Aid of Research for “Expression of Transforming Growth Factor-beta mRNA and Protein in Cutaneous Wounds of the Diabetic Rat.” (1997).(Mentor)

### **Scholarships and Awards:**

“Outstanding Faculty Teaching Award 2007.” Baylor College of Medicine, Division of Plastic Surgery.

First Place *Senior Residents Conference* presentation of “A Novel Autologous Scaffold that Sustains Cartilage Viability and Promotes Longevity in Dorsal Augmentation Rhinoplasty.” Bullocks, J.M., Guerra, G., Echo, A., Stal, S., Yuksel, E., Pasadena, California, February 1-3, 2007.

Roentgen Ray Society Presidential Award with “A First Communication: In vivo Vascular Tissue Engineering.” 1998.

“INTERPLAST” group study held in Erzincan, Turkey, 1992.

Clinical study award in the “XIV<sup>th</sup> National Meeting of Turkish Plastic and Reconstructive Surgery Association”, 1992.

Scientific Success Paper given by Hacettepe University Senate, 1991.

Participation in “INTERPLAST” group study held in Çorum and Amasya, Turkey, 1990.

Research study award in the “XII<sup>th</sup> National Meeting of Turkish Plastic and Reconstructive Surgery Association,” 1989.

Letter of Commendation from the Governor of Erzurum for the success among village clinics in Erzurum during the immunization campaign arranged by UNICEF, 1986.

Letter of Commendation from the Ministry of Health for the studies in the workshop named “Natural Disasters and Coordination between Sectors” organized by WHO, UNDP and UNICEF, 1985.

Award given by Türkiye İş Bankası for being in the first 100 students in the examination of ÜSYS (best 14<sup>th</sup> scientific score, best 18<sup>th</sup> total score (SAT) of Turkey (nearly 700,000 students attending each year) in examination for university attendance), 1980.

Scholarship (high school level) of Turkish Scientific and Technical Research Institution (TÜBİTAK), 1977-1978.

Scholarship for Special IQ class in primary school (Turkish Ministry of Education, Department of specialized education)

### **Society Memberships:**

American Society of Plastic Surgeons

The Cancer Center, Baylor College of Medicine

European Association of Plastic Surgery

Tissue Engineering Society

International Confederation of Plastic and Reconstructive and Aesthetic Surgery (IPRAS)

American Diabetes Association

American Society of Gene Therapy

American Heart Association  
American Society for Peripheral Nerve  
North American Vascular Biology Organization  
Turkish Medical Association  
Turkish Society of Plastic Surgeons  
Turkish Tourism Health Association  
American Medical Association  
Texas Medical Association  
Plastic Surgery Research Council  
Scientific Committee in 2001, 2002, 2003, 2004, 2005  
New York Academy of Sciences  
American Institute of Laser  
American Chemical Society  
Texas Society of Plastic Surgeons  
Houston Society of Plastic Surgeons

### **Press Releases:**

1. “Innovative Breast Surgery Looks to Improve Shape, Long-Term Results.” Baylor College of Medicine Public Affairs, Houston, TX, August, 29, 2005.
2. “Lip Suspension.” Baylor College of Medicine Public Affairs, Houston, TX, 2003.
3. “Technique Suspends the Aging Effects on Face.” Baylor College of Medicine Public Affairs, Houston, TX, October-2002.
4. “In vivo soft tissue engineering in Breast Prefabrication Model.” American Society of Aesthetic Society Annual Meeting, Orlando, FL, 2001.
5. “De Novo Fat Regeneration Using the Stem Cells in Fascia.” Baylor College of Medicine Public Affairs, Houston, TX, 2001.
6. “New Direction in Breast Reconstruction.” Baylor College of Medicine Public Affairs, Houston, TX, 1999.
7. “Gene Therapy for Arterial Thrombosis.” Experimental Biology, 1998, American Physiological Society, San Francisco, CA, April 18-22, 1998.
8. “New Engineered Materials Ease the Trauma of Radical Mastectomy.” Annual Meeting of American Institute of Chemical Engineers, Los Angeles, CA, November 17-19, 1997.

### **Book Chapters:**

1. Saleh M. Shenaq, John Y.S. Kim, Alan Bienstock, Eser Yuksel. “Plastic and Reconstructive Surgery” in Schwartz’s Principles of Surgery- 8<sup>th</sup> Ed. 2005. Chapter 44.
2. Yuksel E. “Soft Tissue Engineering Challenges: Seeking Solutions for the Challenges.” Guest Editor in the journal ‘Seminars in Plastic Surgery.’ September 2005.
3. Yuksel E. Guest Editor in ‘Aesthetic Rejuvenation of the Midface’ issue of the journal “Seminars in Plastic Surgery” Thieme, 2003-Volume 17 (2)
4. Shenaq S.M., Yuksel E. Commentary to the “Role of Vein Grafts in Reconstructive Microsurgery” by Biemer. E., Hand surgery, Yearbook 2000.
5. Shenaq S.M., Yuksel E. Commentary to the “Synthetic Microvascular Prostheses” by Lanzetta, M., Hand surgery, Yearbook 2000.

6. "The Iliac Crest for Mandibular Reconstruction". Saleh M. Shenaq, M.D., Eser Yuksel, M.D. in *Operative Plastic Surgery*, Appleton & Lange.
7. "Intra-Oral Reconstruction". Eser Yuksel, M.D., Saleh M. Shenaq, M.D., Adam B. Weinfeld, B.A. in *Plastic Surgery Secrets*.

### **Publications in Progress:**

1. Yuksel E, Echo A, Spira M. "Modifications Optimizing the Aesthetic Results Following Abdominoplasty: Searching for a Narrow Waistline and Feminine Contours."
2. Yuksel E, Echo A, Spira M. "A Horizontal Approach to Breast Reduction: Shaping the Breast with Dermal Suspension and Imbrication."
3. Yuksel, E. Guerra, G., Martinez, M. "Volume Restoration of the Medial Tear Trough Deformity and Inferolateral Orbital Unit Decreases the Sclero Show."
4. Yuksel, E. Guerra, G., Martinez, M., McFarlane, L. "Suspension and Redrapping of the Free Columella – Lip Complex."
5. Yuksel, E., Bullocks, J., Martinez, M., Guerra, G. "Utilization of an Interstitial Autologous Matrix (IAM) for Dorsal Nasal Correction."
6. Yuksel, E., Ellsworth, W. "Rare Cases of TB Infection in Breast Implants."

### **Publications:**

1. Yuksel E, Choo, J, Wettergreen, M, Liebschner, M. "Challenges in Soft Tissue Engineering." *Seminars in Plastic Surgery*; 19: 261-270, 2005.
2. Amabile PG, Wang DS, Kao EY, Lee J, Elkins CJ, Yuksel E, Hilfiker PR, Waugh JM, Dake MD. "Direction Migration of Smooth Muscle Cells to Engineer Plaque-Resistant Vein Grafts." *Journal of Endovascular Therapy*. 2005 Dec; 12(6):667-75.
3. Kim, JY, Bullocks JM, Basu CB, Bienstock A, Link R, Kozovska M, Hollier L, Yuksel E. "Dermal Composite Flaps Reconstructed from Acellular Dermis: A Novel Method of Neourethral Reconstruction." *Plastic and Reconstructive Surgery*. 2005 Jun; 115(7):96e-100e.
4. Weinfeld AB, Kelley P, Yuksel E, Tiwari P, Hsu P, Choo J, Hollier LH. "Circumferential Negative-Pressure Dressing (VAC) To Bolster Skin Grafts in the Reconstruction of the Penile Shaft and Scrotum." Ann Arbor, Michigan, Plastic Surgery Research Council Meeting. 2005 Feb; 54(2):178-83.
5. Wettergreen MA, Bucklen BS, Starly B, Yuksel E, Sun W, Liebschner MAK. "Creation of a Unit Block Library of Architectures for Use in Assembled Scaffold Engineering." *Computer-Aided Design XX*. 1-9. 2005.
6. Kuo MD, Bright IJ, Wand DS, Ghafouri P, Yuksel E, Hilfker PR, Miniati DN, Dake MD. "Local Resistance to Oxidative Stress by Over expression of Copper-Zinc Superoxide Dismutase Limits Neointimal Formation after Angioplasty." *Journal of Endovascular Therapy*. 2004 Dec; 11(6):585-94.
7. Ganaha F, Kao EY, Wong H, Elkins CJ, Lee J, Modanlou S, Rhee C, Kuo MD, Yuksel E, Cifra PN, Waugh JM, Dake MD. "Stent-based controlled release of intravascular angiostatin to limit plaque progression and in-stent restenosis." *J Vasc Interv Radiol*. 2004 June; 15(6): 601-8.
8. Yuksel E, Spira M. "Lip Suspension Technique." *Seminars in Plastic Surgery*, Vol: 17(2): 209-216, 2003.
9. Yuksel E, Spira M, Potochny JD, Shenaq SM. "The Midface Lift in Perioral Rejuvenation." *Seminars in Plastic Surgery*. Vol: 17(2): 163-173, 2003.
10. Serhat Totan MD, Eser Yuksel MD, Anthony Echo MD, Ergin Er MD, Amer Najjar PhD, Melvin Spira

- MD, DDS, FACS, Saleh M. Shenaq MD, FACS “Heat Shock Proteins Modulate Keloid Formation” 89<sup>th</sup> Annual Clinic Congress of American College of Surgeons. Chicago, IL, Oct. 2003.
11. Spira M, Yuksel E. “Genioplasty.” *Seminars in Plastic Surgery*. Vol.: 17(2): 145-156, 2003.
  12. Amabile PG, Wong H, Uy M, Boroumand S, Elkins CJ, Yuksel E, Waugh JM, Dake MD. “In vivo vascular engineering of vein grafts: directed migration of smooth muscle cells by perivascular release of elastase limits neointimal proliferation.” *J Vasc Interv Radiol*. 2002 Jul; 13(7): 709-15.
  13. Shenaq SM, Yuksel E. “New research in breast reconstruction: adipose tissue engineering.” *Clin Plast Surg*. 2002 Jan; 29(1): 111-25, vi.
  14. Wong AH, Waugh JM, Amabile PG, Yuksel E, Dake MD. In vivo vascular engineering: Directed migration of smooth muscle cells to limit neointima. *Tissue Eng*. 2002 Apr; 8(2): 189-99.
  15. Weinfeld AB, Cheng, J, Nath RK, Basaran I, Yuksel E, Rose JE.  
“Topographic mapping of the superior transverse scapular ligament: a cadaver study to facilitate suprascapular nerve decompression”. *Plast Reconstr Surg*. 2002 Sep 1; 110(3): 774-9.
  16. Waugh JM, Li-Hawkins J, Yuksel E, Cifra PN, Amabile PG, Hilfiker PR, Geske RS, Kuo MD, Thomas JW, Dake MD, Woo SL. “Therapeutic elastase inhibition by alpha-1-antitrypsin gene transfer limits neointima formation in normal rabbits.” *J Vasc Interv Radiol*. 2001 Oct; 12(10): 1203-9.
  17. Hilfiker PR, Waugh JM, Li-Hawkins JJ, Kuo MD, Yuksel E, Geske RS, Cifra PN, Chawla M, Weinfeld AB, Thomas JW, Shenaq SM, Dake MD. “Enhancement of neointima formation with tissue-type plasminogen activator.” *J Vasc Surg*. 2001 Apr; 33(4): 821-828.
  18. Wong AH, Amabile PG, Yuksel E, Waugh JM, Dake MD. “Perivascular release of insulin-like growth factor-1 limits neointima formation in the balloon-injured artery by redirecting smooth muscle cell migration.” *J Vasc Interv Radiol*. 2001 Mar; 12(3): 347-50.
  19. Yuksel, M., Yuksel, E. “A case with accessory digastric muscles and its clinical importance.” *Ann Plast Surg*. 2001 Mar; 46(3): 351-2.
  20. Yuksel E, Weinfeld AB, Cleek R, Wamsley S, Jensen J, Boutros S, Waugh JM, Shenaq SM, Spira M. Increased free fat graft survival with the long-term, local delivery of insulin, IGF-1, and bFGF by PLGA/PEG microspheres. *Plast. Reconstr. Surg*. 105(5): 1713-1720, 2000.
  21. Waugh JM, Li-Hawkins J, Yuksel E, Kuo MD, Cifra PN, Hilfiker PR, Geske R, Chawla M, Thomas J, Shenaq SM, Dake MD, Woo SL. Thrombomodulin overexpression to limit neointima formation. *Circulation*. 2000 Jul 18; 102(3): 332-7.
  22. Yuksel E., Weinfeld AB, Cleek R, Waugh JM, Jensen J, Boutros S, Shenaq SM, Spira M. De novo adipose tissue generation through long-term, local delivery of insulin and IGF-1 by PLGA/PEG microspheres in an in vivo rat model: A novel concept and capability. *Plast. Reconstr. Surg*. 105(5): 1721-1729, 2000.
  23. Yuksel E., Weinfeld AB, Cleek R, Jensen J, Wamsley S, Waugh JM, Spira M, Shenaq SM. Augmentation of adiposo-fascial flaps using the long-term delivery of insulin and insulin-like growth factor-1. *Plast Reconstr Surg*. 2000 Aug; 106(2): 373-82.
  24. Boutros, S., Yuksel, E., Weinfeld, AB., Alford, EL., Netscher, DT. Neural anatomy of the radial forearm flap. *Ann Plast Surg*. 2000 Apr; 44(4): 375-80.
  25. Weinfeld AB, Yuksel E, Boutros S, Gura DH, Akyurek M, Friedman JD. Clinical and scientific considerations in leech therapy for the management of acute venous congestion: an updated review. *Ann Plast Surg*. 2000 Aug; 45(2): 207-12. *Review*.
  26. Yuksel E, Weinfeld AB, Meade R, Cleek R, Jensen J, Spira M, Shenaq SM. “De novo adipose tissue engineering via PLGA/PEG microsphere delivery of insulin and IGF-1” *Surgical Forum*, L: 476-78, 1999.
  27. Dickason RR, Yuksel E., Shenaq SM. “Use of a Nonviral Vehicle for Enhanced Transfection of Endothelial Cells and Expression of Tissue Plasminogen Activator” *Surgical Forum*, L:496-98, 1999.
  28. Yuksel E, Safak, T. Ozcan G., Kecik, A., Shenaq, S.M., Perioperative dilation for vessel-size discrepancy

- using a percutaneous transluminal angioplasty catheter. *J Reconstr Microsurg*, 15(1): 31-35, 1999.
29. Waugh JM, Yuksel E, Li J, Kuo MD, Kattash M, Saxena R, Geske R, Thung SN, Shenaq SM, Woo SL. Local overexpression of thrombomodulin for in vivo prevention of arterial thrombosis in a rabbit model. *Circ. Res.* 22; 84(1): 84-92, 1999.
  30. Yuksel M, Yuksel E, Weinfeld AB, Shenaq SM. Superficial ulnar artery: embryology, case report, and clinical significance in reconstructive microsurgery. *J. Reconstr Microsurg.* 15(6): 415-20, 1999.
  31. Waugh JM, Kattash M, Li J, Yuksel E, Kuo MD, Lussier M, Weinfeld AB, Saxena R, Rabinovsky ED, Thung S, Woo SL, Shenaq SM. Gene therapy to promote thromboresistance: local overexpression of tissue plasminogen activator to prevent arterial thrombosis in an in vivo rabbit model. *Proc Natl Acad Sci U S A.* 2; 96(3): 1065-70, 1999.
  32. Boutros, S. Nath, R.K., Yuksel, E., Weinfeld, A., Mackinnon S.E. Transfer of flexor carpi ulnaris branch of the ulnar nerve to the pronator teres nerve: Histomorphometric analysis. *J Reconstr Microsurg.* 15(2): 119-22, 1999.
  33. Shenaq SM, Kattash MM, Weinfeld AB, Waugh JM, Yuksel E, Yuksel M, Gura DH. Local gene delivery: Arterial thrombosis model for endothelial cell-targeted thrombolytic gene therapy research. *J Reconstr. Microsurg.* 15(1): 73-79, 1998.
  34. Yuksel E., SM. Shenaq. In vivo engineering of breast. *Department of Surgery Research Bulletin, Baylor College of Medicine.* 2(1): 3, 1998.
  35. Thomas JW, Kuo MD, Chawla M, Waugh JM, Yuksel E, Wright KC, Gerrity PM, Shenaq SM, Whigham CJ, Fisher RG. Vascular gene therapy. *Radiographics* 18(6): 1373-94, 1998.
  36. Boutros S, Kattash M, Wienfeld A, Yuksel E, Baer S, Shenaq S. The intradermal anatomy of the inframammary fold. *Plast Reconstr Surg* 102(4): 1030-3, 1998.
  37. Kuo MD, Waugh JM, Yuksel E, Weinfeld AB, Yuksel M, Dake MD. 1998 ARRS President's Award. The potential of in vivo vascular tissue engineering for the treatment of vascular thrombosis: a preliminary report. American Roentgen Ray Society. *AJR Am J Roentgenol.* 171(3): 553-8, 1998.
  38. Safak T, Akyurek M, Yuksel E, Kayikcioglu A, Kecik A. Head and neck reconstruction with the latissimus dorsimusculocutaneous pedicled flap: functional preservation of the muscle by staged transfer. *Ann Plast Surg.* 41(2): 156-61, 1998.
  39. Yuksel E., M. Widmer, AB. Weinfeld, M. Kattash, JM. Waugh, JN. Jensen, AG. Mikos, SM. Shenaq. Generation of shaped cartilage using perichondrial and periosteal flaps activated by growth factor incorporated biodegradable scaffolds. Proceedings of the Topical Conference on Biomaterials, Carriers for drug delivery, and Scaffolds for Tissue Engineering, Supplementary. Volume for The American Institute of Chemical Engineers, 287-289, 1997.
  40. Yuksel E., R. Cleek, AB. Weinfeld, JM. Waugh, JN. Jensen, AG. Mikos, SM. Shenaq, M. Spira. Effects of Lipogenic Factors on Survival rates of Fat Grafts. Proceedings of the Topical Conference on Biomaterials, Carriers for drug delivery, and Scaffolds for Tissue Engineering, Supplementary Volume for The American Institute of Chemical Engineers, 173-175, 1997.
  41. Yuksel E., R. Bradley, M. Widmer, AB. Weinfeld, JM Waugh, JN. Jensen, AG. Mikos, SM Shenaq. Prefabrication of Breast Utilizing Biodegradable PLGA Polymers: Angiogenic and Lipogenic Factors. Proceedings of the Topical Conference on Biomaterials, Carriers for drug delivery, and Scaffolds for Tissue Engineering, Supplementary Volume for The American Institute of Chemical Engineers, 341-343, 1997.
  42. Yuksel E., R. Cleek, JN. Jensen, AB. Weinfeld, AG. Mikos, SM. Shenaq, M. Spira. Delivery of Insulin, IGF-1, bFGF and VEGF in PLGA/PEG Microparticles to Augment Adiposofascial Flaps. Annals of Biomedical Engineering, The Journal of the biomedical Engineering Society. Abstract Supplement, S3, 1997.

43. Kattash M., JM. Waugh, E. Yuksel, SM. Shenaq. Lysis of an Acute Arterial thrombus with an adenoviral t-PA Gene Construct: A Gene Therapy Approach to Arterial Thrombus. *Surgical Forum*, 83: VIII, 460, 1997.
44. Yuksel M, Yuksel E. Anomalous branching order of the superior and lateral thoracic arteries. *Clin Anat.* 10(6): 394-6, 1997.
45. Yuksel M, Yuksel E, Surucu S. An axillary arch. *Clin Anat.* 9(4): 252-4, 1996.
46. Yuksel M., Yuksel E. A rare origination of the first two branches of the femoral artery. *Marmara Medical Journal.* Vol: 8(3): 155-156, 1995.
47. Safak T, Yuksel E, Ozcan G, Gursu G. Utilization of the breast for penile reconstruction in a transsexual. *Plast. Reconstr. Surg.* 96(6): 1483-5, 1995.
48. Yuksel M, Yuksel E, Kaymaz F. Failure of the isthmus lobe to fuse in the midline. *Clin. Anat.* 8(1): 33-5, 1995.
49. Yuksel M, Onderoglu S, Yener N, Yuksel E. An accessory flexor digitorum longus muscle. *Acta Anat (Basel).* 148(1): 62-4, 1993.
50. Safak T., G. Özcan, E. Yüksel, A. Keçik. Reconstruction of the metacarpophalangeal joint with the vascularized joint transfer. *Hacettepe Ortopedi Dergisi.*, 5(1): 5-8, 1995.
51. Safak T., E. Yüksel, G. Özcan, A. Keçik Reconstruction of the lower extremity defects with free flaps. *Hacettepe Ortopedi Dergisi.* 4(4): 196-201, 1994
52. Safak T., E. Yüksel, G. Özcan, A. Keçik. Restoration of the forearm muscles with free muscle transfer. *Cerrahi Tıp Bülteni.* 4:109, 1995
53. Safak T., A. Keçik, E. Yüksel. Emergent microvascular cases. *Türk Plastik ve Rekonstrüktif Cerrahi Dergisi.* 2 (1):46, 1994.
54. Safak T., A. Keçik, E. Yüksel. Reconstruction of oromandibular defects with free iliac osteocutaneous flap. *Türk Plastik ve Rekonstrüktif Cerrahi Dergisi.* 1(2): 103, 1993.

#### **Invited – Lectures/ Panels:**

1. “Horizontal Shaping Techniques.” Yuksel, E. Video Workshop on New Techniques in Plastic Surgery, Amelia Island, Florida. February 28- March 2, 2008. (UPCOMING)
2. “Adipose Tissue Engineering.” Yuksel, E. Tissue Engineering Society International, Stem Cell & Tissue Engineering in Plastic, Reconstructive and Aesthetic Surgery, Samsun, Turkey, May 10-12, 2007.
3. “Future Aspects in Tissue Engineering Research.” Yuksel, E. Tissue Engineering Society International, Stem Cell & Tissue Engineering in Plastic, Reconstructive and Aesthetic Surgery, Samsun, Turkey, May 10-12, 2007.
4. Facelift- Panel. Daniel Marchac, Eser Yuksel, Fethi Orak. Turkish Society of Plastic Surgeons, Ankara, Turkey, September 20-23, 2006.
5. “Tissue-Environment Interaction: Wound Healing and Remodeling.” Invited Lecture. Turkish Society of Plastic Surgeons, Ankara, Turkey, September 20-23, 2006.
6. “Horizontal Approach in Breast Reduction and Mastopexy.” Instructional Course. Turkish Society of Plastic Surgeons, Ankara, Turkey, September 20-23, 2006.
7. Surgery Association Annual Meeting. Istanbul, Turkey, May 12-15, 2005.
8. “Role of Midface Suspension and Combined Procedures in Perioral and Periorbital Rejuvenation.” Instructional Course. Turkish Plastic, Reconstructive and Aesthetic Society National Meeting, Ankara, Turkey. September 23, 2004.
9. “Research in Plastic Surgery- From Utopia to Reality.” Panel Chair. “Tissue Engineering.” Turkish Plastic, Reconstructive and Aesthetic Society National Meeting, Ankara, Turkey. September 22, 2004.

10. "Role of Midface Suspension in Facial Rejuvenation." Turkish Society of Aesthetic Plastic Surgery National Meeting. Opening Panel on Facial Aesthetic Surgery, Istanbul, Turkey. June 18, 2004.
11. "Personal Approaches to Facial Rejuvenation." The 7<sup>th</sup> Houston Plastic Surgery Seminar and 2004 Annual Spira Lectureship. Houston, TX. June 26, 2004.
12. "Flap Models and Microsurgical Techniques" The 2<sup>nd</sup> National Experimental Surgery Congress. Invited Lecture. Ankara, Turkey, 2003.
13. "Tissue Engineering" in 2<sup>nd</sup> National Experimental Surgery Congress. Invited Lecture, Ankara, Turkey, 2003
14. "Future Trends" Invited Lecture in Breast Reconstruction Symposium, Turkish Society of Plastic Surgery, Mersin, Turkey, 2003.
15. "A New Decade in Breast Reconstruction." The 5<sup>th</sup> Houston Plastic Surgery Seminar Series. Houston, TX. January, 2003.
16. "Soft Tissue Prefabricated Models in Tissue Engineering -Tissue Engineering for the Plastic and Urologic Surgeons" The 3<sup>rd</sup> Houston Plastic Surgery Seminar Series. Houston, TX. Feb., 2002.
17. "Collaborative Opportunities in Tissue Engineering- Collaborative Projects on Pelvic Floor Reconstruction and Organ Replacement." The 3<sup>rd</sup> Houston Plastic Surgery Seminar Series. Houston, TX. February, 2002.
18. "Lipogenesis and Lipoplasty." The 2<sup>nd</sup> Houston Plastic Surgery Seminar Series. Houston, TX. June, 2002.
19. "Regulation of Plasma Leptin Levels in lipoplasty Patients", American Society of Aesthetic Plastic Surgery annual meeting, Invited presentation on research and Innovative Technologies Session, New York, NY, 2001
20. Inflammation and Repair -Plastic Surgery – Board Review Course – Aug.31– Sept. 5 – 2001-Osler Institute
21. Wound Healing -Plastic Surgery – Board Review Course – Aug.31– Sept. 5 – 2001-Osler Institute
22. Lower Extremity Trauma -Plastic Surgery - Board Review Course – Aug.31– Sept. 5 – 2001-Osler Institute
23. "Peripheral Nerve Conduits" invited panelist. "American Peripheral Nerve Society Meeting", Coronado, 2001
24. "Advances in Tissue Engineering and Gene Therapy" invited panelist. "American Society for Reconstructive Microsurgery Meeting", Coronado, 2001.
25. "Gene therapy and Tissue Engineering in Plastic Surgery." Invited Lecture. Turkish Society of Plastic Surgeons annual Meeting, Istanbul, 2001.
26. "In vivo soft tissue engineering in Breast Prefabrication Model" E. Yuksel. Research and Innovative Technology Panel, American Society for Aesthetic Plastic Surgery, Orlando, 2000.
27. "New Perspectives in Tissue Engineering" Baylor College of Medicine-Department of Surgery –Grand Rounds- Invited Speaker-1998
28. "Induced Angiogenesis in Plastic Surgery" E. Yuksel. Invited speaker at International Symposium: "Wound Healing and Scars" Paris, France, 1999.
29. "Tissue Engineering and Gene Therapy in Plastic Surgery" Visiting Professor-Hacettepe University Medical School- Department of Plastic and Reconstructive Surgery Program – 1999
30. "In vivo soft tissue engineering in Breast Prefabrication Model" E. Yuksel. Research and Innovative Technology Panel, New Frontiers in Aesthetic Surgery, American Society for Aesthetic Plastic Surgery, Dallas, 1999.
31. "Soft Tissue Engineering" Baylor College of Medicine-Department of Surgery –Research Conference- Invited Speaker-1998.
32. "Rotation and Advancement Techniques in Complete Cleft Lip and palate Deformity" Recent Advances in

Plastic-Reconstructive Surgery, Cardiology and Cardiovascular Surgery – Joint Symposium arranged by American Hospital in Istanbul , Methodist Hospital in Houston and Baylor College of Medicine in Houston, 1996 – Istanbul – Turkey.

33. “Repair of CLN Deformity” Recent Advances in Plastic-Reconstructive Surgery, Cardiology and Cardiovascular Surgery – Joint Symposium arranged by American Hospital in Istanbul , Methodist Hospital in Houston and Baylor College of Medicine in Houston, 1996 – Istanbul – Turkey.
34. “A Cranio-facial Surgery application in a rare Facial Cleft” Recent Advances in Plastic-Reconstructive Surgery, Cardiology and Cardiovascular Surgery – Joint Symposium arranged by American Hospital in Istanbul , Methodist Hospital in Houston and Baylor College of Medicine in Houston, 1996 – Istanbul – Turkey.
35. “Abbe flap in Congenital and Traumatic Lip Deformity” Recent Advances in Plastic-Reconstructive Surgery, Cardiology and Cardiovascular Surgery – Joint Symposium arranged by American Hospital in Istanbul , Methodist Hospital in Houston and Baylor College of Medicine in Houston, 1996 – Istanbul – Turkey.
36. “Replantation Panel” Recent Advances in Plastic-Reconstructive Surgery, Cardiology and Cardiovascular Surgery – Joint Symposium arranged by American Hospital in Istanbul , Methodist Hospital in Houston and Baylor College of Medicine in Houston, 1996 – Istanbul – Turkey.

#### **Presentations – Abstracts:**

1. “Volume Restoration of the Medial Tear Trough Deformity and Inferolateral Orbital Unit Decreases the Sclero Show.” Yuksel, E. Guerra, G., Martinez, M. American Society of Plastic Surgeons. (accepted)
2. “Suspension and Redrapping of the Free Columella – Lip Complex.” Yuksel, E. Guerra, G., Martinez, M., McFarlane, L. American Society of Plastic Surgeons. (accepted)
3. “Volume Restoration of the Medial Tear Trough Deformity and Inferolateral Orbital Unit Decreases the Sclero Show.” Yuksel, E. Guerra, G., Martinez, M. European Association of Plastic Surgeons Eighteenth Annual Meeting, Gent, Belgium. May 24-26, 2007.
4. “Horizontal Approach with Dermal Suspension: An Adjunct in Reduction Mammoplasty and Mastopexy.” Yuksel, E., Echo, A., Guerra, G., Spira, M., Martinez, M. The American Association of Plastic Surgeons 86<sup>th</sup> Annual Meeting, Coeur d’Alene, Idaho. May 19-22, 2007.
5. “A Novel Autologous Scaffold that Sustains Cartilage Viability and Promotes Longevity in Dorsal Augmentation Rhinoplasty.” Bullocks, J.M., Guerra, G., Echo, A., Stal, S., Yuksel, E. *Senior Residents Conference*, Pasadena, California, February 1-3, 2007.
6. Bullocks JM, Echo A, Naik B, Yuksel E. “Horizontal Approach to Reduction Mammoplasty.” *Texas Society of Plastic Surgeons* 2006 Annual Meeting, Frisco, Texas, Sept. 22-24, 2006.
7. “The Incorporation of Full Thickness Skin Grafts at the Cellular Level.” Oeltjen J.C., Yuksel E., Roop D.R. *50<sup>th</sup> Anniversary Meeting of the Plastic Surgery Research Council*. Toronto, Canada, May 18-21, 2005.
8. “New Pathophysiologic Insights into the Molecular Biology of Keloid Formation: Rho Kinase-Mediated Signaling Pathway.” Totan S., Choo J., Spira M., Yuksel E. *50<sup>th</sup> Anniversary Meeting of the Plastic Surgery Research Council*. Toronto, Canada, May 18-21, 2005.
9. “The effect of rho kinase inhibition on capsule formation using local delivery of Y-27632.” Totan S., Yuksel E., Amer A., Spira M., Shenaq S.M. *Association for Academic Surgery 38<sup>th</sup> Annual Meeting*. Houston, TX, November 11-13, 2004.
10. “The role of heat shock proteins and rho-kinase in regulation of denervated wound healing. *American College of Surgeons 90<sup>th</sup> Annual Clinical Congress*. New Orleans, LA, October 10-14, 2004.

11. "Heat shock proteins and rho kinases: Endogenous modulators of keloid formation." Totan S., Yuksel E., Shenaq S.M. *The 17<sup>th</sup> Congress of the International Society of Aesthetic Plastic Surgery: 51*. Houston, TX, August 28-31, 2004.
12. "Lidocaine increases while epinephrine decreases fat graft survival." Weinfeld A.B., Yuksel E. Shenaq S.M., Spira M. *The 17<sup>th</sup> Congress of the International Society of Aesthetic Plastic Surgery: 86*. Houston, TX, August 28-31, 2004.
13. "'Vertical scarless' reduction mammoplasty." Yuksel E. Marin V., Weinfeld A.B., Shenaq S.M., Spira M. *The 17<sup>th</sup> Congress of the International Society of Aesthetic Plastic Surgery: 91*. Houston, TX, August 28-31, 2004.
14. "Heat shock proteins and rho kinases: Prime factors-deficient in denervated wounds." Totan S., Yuksel E., Spira M. *The 17<sup>th</sup> Congress of the International Society of Aesthetic Plastic Surgery: 136*. Houston, TX, August 28-31, 2004.
15. "A differential approach to the midface lift: An anatomic and clinical study." Yuksel E., Shenaq S.M., Spira M. *The 17<sup>th</sup> Congress of the International Society of Aesthetic Plastic Surgery: 138*. Houston, TX, August 28-31, 2004.
16. "Dermal suspension: An adjunct in reduction mammoplasty and mastopexy." Yuksel E., Marin V., Bienstock A., Weinfeld A.B., Spira M., Shenaq S.M. *The 17<sup>th</sup> Congress of the International Society of Aesthetic Plastic Surgery: 139*. Houston, TX, August 28-31, 2004.
17. "Medial advancement of anterior flap in temporal brow-lift." Yuksel E., Bienstock A., Spira M., Shenaq S.M. *The 17<sup>th</sup> Congress of the International Society of Aesthetic Plastic Surgery: 140*. Houston, TX, August 28-31, 2004.
18. "Yara iyilemesi ve keloid olusumunda isi soku proteinleri'nin rolu." Totan S., Yuksel E., Echo A., Er E., Amer A., Spira M., Shenaq S.M. *Estetik Plastik Cerrahi Dernegi, 8. Ulusal Kongresi, Istanbul. 18-20 Haziran 2004*.
19. "Heat shock proteins and rho kinases: As modulators of keloid formation." Totan S., Echo A., Amer A., Shenaq S.M., Yuksel E. *The Plastic Surgery Research Council 49<sup>th</sup> Annual Meeting: 123*. Ann Arbor, MI, June 9-12, 2004.
20. "Heat shock proteins and rho kinases: Determinants of Deficient healing in denervated wounds." Echo A., Totan S., Amer A., Yuksel E. *The Plastic Surgery Research Council 49<sup>th</sup> Annual Meeting: 238*. Ann Arbor, MI, June 9-12, 2004.
21. "Optimization of scaffold permeability for the intended increase of tissue vascularization in prefabricated implants for tissue engineering." Wettergreen M.A., Yuksel E., Liebschner M.A. *The Plastic Surgery Research Council 49<sup>th</sup> Annual Meeting: 298*. Ann Arbor, MI, June 9-12, 2004.
22. "Optimization of scaffold regeneration process using negative templates created using computer aided tissue engineering." Wettergreen M.A., Lemoine J.J., Liebschner M.A., Yuksel E. *The Plastic Surgery Research Council 49<sup>th</sup> Annual Meeting: 303*. Ann Arbor, MI, June 9-12, 2004.
23. "Age-associated modulation of rho kinases." Totan S., Shenaq S.M., Spira M., Yuksel E. *Plastic Surgery Research Council 49<sup>th</sup> Annual Meeting: 324*. Ann Arbor, MI, June 9-12, 2004.
24. "Medial advancement of anterior flap in temporal brow-lift." Yuksel E., Bienstock A., Spira M., Shenaq S. *European Association of Plastic Surgeons 15<sup>th</sup> Annual Meeting: 109*. Genoa, Italy. May 27-29, 2004.
25. "Heat shock proteins and rho kinases as modulators of keloid formation." Totan S., Yuksel E. *European Association of Plastic Surgeons 15<sup>th</sup> Annual Meeting: 115*. Genoa, Italy. May 27-29, 2004.
26. "The role of heat shock proteins in denervated wound healing." Totan S., Yuksel E., Amer A., Shenaq S.M. *Michael E. DeBakey International Surgical Society 15<sup>th</sup> Congress*. Houston TX, May 15-17, 2004.
27. "The molecular aspects of keloid formation: Heat shock proteins and rho kinase signaling pathway." Totan S., Yuksel E., Amer A., Shenaq S.M. *Michael E. DeBakey International Surgical Society 15<sup>th</sup> Congress*.

Houston TX, May 15-17, 2004.

28. "Treatment of Achilles Tendon Injury with a Concomitant Soft Tissue Defect" Chandrasekhar BB., Kim J.Y.S., Bullocks J.M., Yuksel E., Hollier L.H., . American Society of Plastic Surgery Meeting, San Diego, 2003.
29. Serhat Totan MD, Eser Yuksel MD, Anthony Echo MD, Ergin Er MD, Amer Najjar PhD, Melvin Spira MD, DDS, FACS, Saleh M. Shenaq MD, FACS "Heat Shock Proteins Modulate Keloid Formation" 89<sup>th</sup> Annual Clinic Congress of American College of Surgeon. Chicago, IL, Oct. 2003.
30. "Novel Approach to Aesthetic Correction of the Aging Upper Lip: An anatomic and clinical study" E Yuksel, M Spira, SM Shenaq. American Association of Plastic Surgery Annual Meeting, Baltimore, MD, 2003.
31. "Downregulation of skin heat shock protein 70 expression in a rat denervated flap model." Echo A., Najjar A., Entabi F., Totan S., Yuksel E. *The Plastic Surgery Research Council 48<sup>th</sup> Annual Meeting: 199*. Las Vegas, NV, April 23-26, 2003.
32. "Differential Approach to Midface Lift, An Anatomical And Clinical Study" E Yuksel, J Potochny, M Spira, SM Shenaq. American Society of Plastic Surgery Meeting, San Antonio, 2002.
33. "Sustained Release of Alpha-1-Antitrypsin (AAT) And Therapeutic Elastase Inhibition by AAT Gene Transfer -A potential tool to control matrix degeneration in inflammatory processes and Aging". E Yuksel, F Elmakdouchi, JM Waugh, C Elkins, M Dake Plastic Surgery research Council, Boston, 2002
34. "Local Nitric Oxide Delivery from Microspheres in Channeled Stents." F. Elmakdouchi, CJ Elkins, JM Waugh, M Dake, E Yuksel. Plastic Surgery research Council, Boston, 2002.
35. "Effects of Locally Applied Epinephrine and Lidocaine On Fat Graft Survival: Unexpected Lidocaine Effect with Tissue Based Drug Delivery" E Yuksel, F Elmakdouchi, M Spira, SM Shenaq. American Association of Plastic Surgery, Meeting, Seattle, 2002.
36. "Differential Approach to Midface Lift, An Anatomical and Clinical Study" E Yuksel, J Potochny, F Elmakdouchi M Spira, SM Shenaq. American Association of Plastic Surgery, Meeting, Seattle, 2002.
37. "Induction of Angiogenesis Using Holmium-Yag Laser-Endothelial Cell Overexpression of VEGF" E. Yuksel, RR. Dickason, WJ. Xiong, SM.Shenaq. American Society of Plastic Surgery Annual Meeting, Orlando, 2001
38. "Induction of Angiogenesis Using Holmium-Yag Laser-Endothelial Cell Overexpression of VEGF", American Society of Plastic Surgeons Annual Meeting, Orlando, 2001
39. Breast Cancer NIH-Spore Grant Presentation: " Orthotopic Fat Tissue Bioengineering for Breast Reconstruction" NIH Spore Meeting, Virginia, 2001
40. "Subcutaneous Delivery of Holmium-Yag Laser for Cutaneous Shrinkage and Remodeling". E Yuksel, SM Shenaq, R Meade, M Spira. American Association of Plastic Surgeons. Laguna Niguel, California, 2000.
41. "Adipose Tissue Bio-Engineering via PLGA-PEG Microsphere Delivery of Insulin and IGF-1. E Yuksel, SM Shenaq, AB Weinfeld, M Spira. American Association of Plastic Surgeons. Laguna Niguel, California, 2000
42. Induction of Angiogenesis Using Holmium-Yag Laser: Endothelial Cell Overexpression of Vascular Endothelial Growth Factor." Yuksel E, Dickason RR, Basaran I, Xiong WJ, Nath RK, Shenaq,SM. Plastic Surgery Research Council, Seattle-Washington, 2000
43. "Sustained Release of Oligonucleotides Using PLGA/PEG Microsphere Delivery System." Yuksel E, Nath, RN, Cleek R, Weinfeld AB, Xiong WJ, Plastic Surgery Research Council, Seattle-Washington, 2000.
44. "Induction of Angiogenesis Using Holmium-Yag Laser". E Yuksel, RR Dickason, M. Spira, SM Shenaq. European Association of Plastic Surgeons. Berlin, Germany, 2000.

45. "Induction of Angiogenesis Using Holmium-Yag Laser: Endothelial Overexpression of VEGF" E Yuksel, RD, Dickason, SM Shenaq, Michael E. DeBakey International Surgical Society, XIIIth Congress, Houston, Texas.
46. "Prefabrication of Soft Tissue Utilizing a Non-Cellular Biodegradable System: Long-Term Delivery of lipogenic Factors" E. Yuksel, AB. Weinfeld, RA. Meade, RL. Cleek, M. Spira, SM. Shenaq. American Society of Plastic Surgery, Meeting, New Orleans, 1999.
47. "De novo adipose tissue engineering via PLGA/PEG microsphere delivery system" E. Yuksel, A.B. Weinfeld, R. Cleek, J. Jensen, S. Boutros, J.M. Waugh, S.M. Shenaq, M. Spira. Plastic Surgery Research Council, Pittsburgh, 1999.
48. "Laser induced stress wave approach to improve transfection efficiency in gene therapy" E. Yuksel, R.R. Dickason, S.M. Shenaq. Plastic Surgery Research Council, Pittsburgh, 1999.
49. "Enhanced transfection efficiency of endothelial cells utilizing novel gene delivery vehicles for optimal experimental and clinical conditions" R.R. Dickason, E. Yuksel, S.M. Shenaq. Plastic Surgery Research Council, Pittsburgh, 1999.
50. "Reduction of Collagen I protein in vitro with antisense nucleotide DNA" R.K. Nath, E. Yuksel, A.B. Weinfeld, J. Jensen. Plastic Surgery Research Council, Pittsburgh, 1999.
51. "Induction of angiogenesis using Holmium-YAG laser". E. Yuksel, R.R. Dickason, M. Spira, S.M. Shenaq. American Association of Plastic Surgeons, Colorado Springs, 1999.
52. "De Novo Adipose Tissue Engineering Via PLGA/PEG Microsphere Delivery of Insulin and IGF-1" E. Yuksel, AB. Weinfeld., R. Meade, R. Cleek, J. Jensen, M. Spira, SM. Shenaq. American College of Surgeons Clinical Congress, San Fransisco, CA, 1999.
53. "Use of a Nonviral Vehicle for Enhanced Transfection of Endothelial Cells and Expression of Tissue Plasminogen Activator" RR Dickason, E. Yuksel, SM. Shenaq American College of Surgeons Clinical Congress, San Francisco, CA, 1999.
54. "Adenoviral gene therapy to promote thromboresistance in microvasculature: use of tissue plasminogen activator and thrombomodulin" S.M. Shenaq, E. Yuksel. 13<sup>th</sup> Symposium of the International Society of Reconstructive Microsurgery. Los Angeles, 1999.
55. Tissue Engineering for Breast Reconstruction, An experimental Method Using PLGA scaffolds and the Long Term Delivery of Adipogenic growth Factors In Vivo." [E.Yuksel, R. Bradley, AB. Weinfeld, M. Widmer, M. Spira, SM. Shenaq.] EURAPS (European Association of Plastic Surgeons) 9<sup>th</sup> Annual Meeting, Verona, Italy, 1998.
56. "Utilization of Long-Term Delivery of Insulin, IGF-1 and bFGF to Increase Fat Graft Survival Rates." [E.Yuksel, R. Cleek, AB. Weinfeld, JM. Waugh, S. Wamsley, AG. Mikos, M. Spira, SM. Shenaq.] Plastic Surgery Research Council 43<sup>rd</sup> Annual Meeting, Loma Linda, CA, 1998.
57. "Augmentation of Adiposofascial Flaps: PLGA/PEG Microsphere Delivery System for Insulin, IGF-1 and bFGF." [E.Yuksel, AB. Weinfeld, R. Cleek, JM. Waugh, S. Wamsley, AG. Mikos, M. Spira, SM. Shenaq.] Plastic Surgery Research Council 43<sup>rd</sup> Annual Meeting, Loma Linda, 1998.
58. "In vivo Adipose Tissue Engineering Using Biodegradable PLGA/PEG Microspheres loaded with Insulin, IGF-1, and bFGF." [E. Yuksel, AB. Weinfeld, R. Cleek, JM. Waugh, AG. Mikos, M. Spira, SM. Shenaq.] Keystone Symposia, Tissue Engineering. Jan. 10-15, 1998.
59. "Vascularized Perichondrial Flaps for In Vivo Tissue Engineering in Auricular reconstruction: Two Rabbit Models" [E.Yuksel, M. Widmer, R. Cleek, AB. Weinfeld, M. Kattash, AG. Mikos, M. Spira, SM. Shenaq.] Proceedings of the 17<sup>th</sup> Southern Biomedical Engineering Conference, San Antonio, TX, 1998.
60. "Improvement of Free Fat Graft Survival: In Vivo Long-Term Delivery of IGF and Insulin Using PLGA/PEG Microspheres" [AB. Weinfeld, E.Yuksel, S. Wamsley, J. Jensen, BS. Boutros, R. Cleek, AG. Mikos, M. Spira, SM. Shenaq.] Proceedings of the 17<sup>th</sup> Southern Biomedical Engineering Conference, San

Antonio, TX, 1998.

61. "A novel fascio-cutaneous island flap model in the rat for the quantitative analysis of neo-angiogenesis" [E. Yuksel, A. Jedrysiak, AB. Weinfeld, AG. Mikos, M. Spira, SM. Shenaq.] Proceedings of the 17<sup>th</sup> Southern Biomedical Engineering Conference, San Antonio, TX, 1998.
62. "Soft tissue engineering in vivo with PLGA scaffolds and PLGA/PEG microsphere long-term delivery of lipogenic factors" [E. Yuksel, R. Bradley, S. Wamsley, AB. Weinfeld, JM. Waugh, M. Widmer, R. Cleek, AG. Mikos, SM. Shenaq, M. Spira.] Proceedings of the 17<sup>th</sup> Southern Biomedical Engineering Conference, San Antonio, TX, 1998.
63. "In Vivo Engineering of Vascularized Fat Flaps: Long-Term Delivery of Angiogenic Factors for Axially Neo-Vascularized Tissues." [E. Yuksel, AB. Weinfeld, JM. Waugh, R. Cleek, AG. Mikos, M. Spira, SM. Shenaq.] Proceedings of the 17<sup>th</sup> Southern Biomedical Engineering Conference, San Antonio, TX, 1998.
64. "Microvascular Gene Therapy: Prevention of Arterial Thrombosis using adenoviral mediated tPA Overexpression in an In Vivo Rabbit Model" [AB. Weinfeld, JM. Waugh, M. Kattash, E. Yuksel, SM. Shenaq.] Experimental Biology '98, American Physiological Society. San Francisco, CA, 1998.
65. "The Flexor Carpi Ulnaris to Pronator teres Nerve Transfer: Histomorphometric Analysis and Clinical Experience." [S. Boutros, AB. Weinfeld, RK. Nath, E. Yuksel, JN. Jensen, S. Mackinnon] American Society for Reconstructive Microsurgery, Scottsdale, AZ, Jan.10-13, 1998.
66. "Generation of shaped Cartilage Using Perichondrial and periosteal flaps activated by growth factor Incorporated Biodegradable Scaffolds." [E. Yuksel, M. Widmer, AB. Weinfeld, M. Kattash, JM. Waugh, JN Jensen, AG. Mikos, SM. Shenaq.] Proceedings of the Topical Conference on Biomaterials, Carriers for drug delivery, and Scaffolds for Tissue Engineering, The American Institute of Chemical Engineers, Los Angeles, CA, Nov. 17-19, 1997.
67. "Effects of Lipogenic Factors on Survival rates of Fat Grafts." [E. Yuksel, R. Cleek, AB. Weinfeld, JM. Waugh, JN Jensen, AG. Mikos, SM Shenaq, M. Spira.] Proceedings of the Topical Conference on Biomaterials, Carriers for drug delivery, and Scaffolds for Tissue Engineering, The American Institute of Chemical Engineers, Los Angeles, CA, Nov. 17-19, 1997.
68. "Prefabrication of Breast Utilizing Biodegradable PLGA Polymers: Angiogenic and Lipogenic Factors." [E. Yuksel, R. Bradley, M. Widmer, AB. Weinfeld, JM. Waugh, JN. Jensen, AG. Mikos, SM. Shenaq.] Proceedings of the Topical Conference on Biomaterials, Carriers for drug delivery, and Scaffolds for Tissue Engineering, The American Institute of Chemical Engineers, Los Angeles, CA, Nov. 17-19, 1997. (Selected for Public Press Release.)
69. "Delivery of Insulin, IGF-1, bFGF and VEGF in PLGA/PEG Microparticles to Augment Adiposofascial Flaps." [E. Yuksel, R. Cleek, JN. Jensen, AB. Weinfeld, AG. Mikos, SM. Shenaq, M. Spira.] Annual Meeting of The Biomedical Engineering Society, San Diego, CA, Oct. 2-5, 1997.
70. "Gene therapy to treat vascular disease: Two experimental models of thrombosis in the rabbit femoral vessels." [M. Kattash, JM. Waugh J., E. Yuksel, SM. Shenaq.] American Society Reconstructive Microsurgery. Boca Raton, FL, January 12-15, 1997.
71. "Lysis of an Acute Arterial thrombus with an adenoviral t-PA Gene Construct: A Gene Therapy Approach to Arterial Thrombus." [M. Kattash, JM. Waugh, E. Yuksel, SM. Shenaq.] American College of Surgeons, Surgical Forum, Chicago, IL, 1997. Oral Presentation.
72. "The Intradermal Anatomy of Inframammary Fold." [S. Boutros, M. Kattash, AB. Weinfeld, E. Yuksel, S. Baer, SM. Shenaq.] Texas Society of Plastic Surgeons Scientific Meeting, Nov. 7-9, 1997.
73. "Congenital and Traumatic Lip Repair using Abbe Flap", E. Yuksel. International Symposium: The Latest developments in Plastic and Reconstructive Surgery, Cardiology and Cardiovascular Surgery, Istanbul, 1996.
74. "Craniofacial surgery of a rare anomaly (combined cranial cleft case)" E. Yuksel. International

Symposium: The Latest developments in Plastic and Reconstructive Surgery, Cardiology and Cardiovascular Surgery, Istanbul, 1996.

75. "A perioperative dilation technique for vessel diameter discrepancy in microvascular anastomosis." [E. Yüksel, T. Safak, G. Özcan, A. Keçik.] The Ninth Annual Mtg. of American Society for Reconstructive Microsurgery, Kansas City, Missouri, 1993.
76. "Identity Chaos of Keratoacanthoma". [E. Yüksel, A. Gököz, F. Özgür, T. Safak, Y. Erk, A. Keçik] The Fifth Congress of the Asian Pacific Sections - I.P.R.S., Istanbul, 1989.
77. "Otoplasty: Anterior Approach." [E. Yüksel, HV. Velidedeoglu, N. Bozdogan, O. Erol.] XVII. Turkish Plastic and Reconstructive Surgery Mtg., Girne, 1995.
78. "Penis reconstruction with breast tissue." [E. Yüksel, T. Safak, M. Pençe, G. Özcan, A. Keçik, KG. Gürsu] XV. Turkish Plastic and Reconstructive Surgery Mtg., Istanbul, 1993.
79. "Collagen metabolism in denervated skin and effects of collagenase inhibitors." [T. Maral, E. Yüksel, N. Renda, C. Sökmensüer, KG. Gürsu.] XV. Turkish Plastic and Reconstructive Surgery Mtg., Istanbul, 1993
80. "An accessory flexor digitorum muscle." [M. Yüksel, S. Önderoglu, N. Yener, E. Yüksel.] II. National Mtg. of Anatomy, Adana, 1993.
81. "Pollicisation of index finger with Buck-Gramcko method." [E. Yüksel, T. Safak, G. Özcan, A. Keçik.] XIV. Turkish Plastic and Reconstructive Surgery Mtg., Ankara, 1992
82. "Malign Eccrine Poroma (3 cases)." [G. Altinok, A. Gököz, E. Yüksel.] X. National Mtg. of Pathology, Girne, 1992.
83. "Mandible reconstruction with vascularized bone grafts." [T. Safak, A. Keçik, E. Yüksel, V. Aslani, XIII. Turkish Plastic and Reconstructive Surgery Mtg., Nevsehir, 1991.
84. "Mammary asymmetry." [F. Özgür, E. Yüksel, E. Mavili, Y. Erk, KG. Gürsu, A. Keçik.] XIII. Turkish Plastic and Reconstructive Surgery Mtg., Nevsehir, 1991
85. "Functional restoration of upper extremity with musculo-cutaneous flap." [T. Safak, A. Keçik, N. Uçar, E. Yüksel, V. Aslani.] XIII. Turkish Plastic and Reconstructive Surgery Mtg., Nevsehir, 1991.
86. "Soft tissue reconstruction with free flaps." [T. Safak, A. Keçik, V. Aslani, N. Uçar, E. Yüksel.] XIII. Turkish Plastic and Reconstructive Surgery Mtg., Nevsehir, 1991.
87. "Gracilis muscle transfer for anal incontinence." [F. Özgür, V. Aslani, E. Yüksel, T. Safak, A. Keçik.] XIII. Turkish Plastic and Reconstructive Surgery Mtg., Nevsehir, 1991.
88. "Emergent microvascular procedures." [T. Safak, A. Keçik, V. Aslani, N. Uçar, E. Yüksel, T. Güçer.] XII. Turkish Plastic and reconstructive Surgery Mtg., Nevsehir, 1991.
89. "Usage of temporoparietal fascia flap in face reconstruction." [N. Uçar, KG. Gürsu, Y. Erk, A. Keçik, F. Özgür, E. Yüksel, E. Mavili, T. Safak.] XII. Turkish Plastic and Reconstructive Surgery Mtg., Kusadasi, 1990.
90. "Sagittal Spine Osteotomy in orthognatic surgery." [A. Keçik, E. Mavili, Y. Erk, T. Safak, F. Özgür, A. Enacar, E. Yüksel.] XII. Turkish Plastic and Reconstructive Surgery Mtg., Kusadasi, 1990.
91. "Evaluation of postreplantation edema." [N. Uçar, A. Keçik, T. Safak, V. Aslani, E. Yüksel, G. Uçar, T. Aras, G. Gedikoglu.] XII. Turkish Plastic and Reconstructive Surgery Mtg., Kusadasi, 1990.

### **Hospital Affiliations:**

The Woman's Hospital of Texas, Courtesy Staff (12/13/01- present)

Harris County Hospital District, Active Staff (9/29/99- present)

St. Luke's Episcopal Hospital, Courtesy Staff

The Methodist Hospital, Courtesy Staff (9/26/00- present)

The Institute for Rehabilitation and Research, Consulting Staff

Texas Children's Hospital, Courtesy Staff (11/4/99-present)  
Kelsey-Seybold Clinic (8/16/01-present)  
Kindred Hospital, Courtesy Staff (6/18/04- present)  
VKAVH American Hospital- Istanbul (1994- present)