

Emil J. Kohan, MD

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Education:

University of California, Irvine
Plastic & Reconstructive Surgery Residency Program

David Geffen School of Medicine at UCLA

Degree: MD

Awards: Four-year Dean's Scholarship

University of California, Los Angeles

Degrees: Neuroscience B.S.

Psychobiology B.S.

Awards: *summa cum laude*

UCLA Honor's Program

Phi Beta Kappa

Awards/Fellowships:

David Geffen School of Medicine at UCLA Dean's
Scholarship

Dean Stafford Warren, MD Memorial Award presented by
the UCLA Medical Center Auxiliary Board of Directors

Burbank Healthcare Foundation Medical Scholarship

UCLA School of Medicine Research Program Fellowship:
Short Term Training Program

UCLA College Honors Program with *summa cum laude*
distinction

Outstanding Poster Presentation at the 31st Annual West
Coast Biological Sciences Research Conference

UCLA Neuroscience Research Conference Outstanding Presentation

Phi Beta Kappa Honors

Howard Hughes Medical Institute Professors Program Undergraduate Research Fellowship at UCLA (in the field of Genetics)

Howard Hughes Medical Institute Professors Program Undergraduate Research Fellowship at UCLA

Willam Homan UCLA Honor's Program Scholarship

Research Experience:

UCI Department of Plastic Surgery: Clinical Plastic and Reconstructive Surgery research under Gregory Evans, MD.

UCI Department of Plastic Surgery: Adipose-Derived Stem Cell research under Gregory Evans, MD, and Alan Widgerow, MD.

UCLA Department of Plastic and Reconstructive Surgery: Craniofacial and Reconstructive Surgery Research under the mentorship of James P. Bradley, MD.

Plastic and Reconstructive Surgery: Clinical research under the mentorship of Dr. Malcolm S. Lesavoy.

UCLA Laboratory for Regenerative Bioengineering and Repair, Department of Plastic and Reconstructive Surgery: Basic Science Research of Adipose Derived Stem Cells under the mentorship of James P. Bradley, MD and Patricia Zuk, PhD.

UCLA Department of Neurosurgery: Research of Spinal Decompression Surgery under the mentorship of Langston Holly, MD.

Howard Hughes Medical Institute: Functional Genomics Research in the field of *Drosophila* genetics.

VA/UCLA: CURE Digestive Diseases Research Center: Digestive Diseases Research under the mentorship of Joseph R. Pisegna, MD.

UCLA Emergency Department: Emergency Medicine Research Associate.

UCLA Department of Psychology, Couples Therapy Project: Psychology Researcher investigating the effectiveness of couples' therapy models.

Publications:

Kohan E, Roostaeian J, Yuan, J, Fan K, Federico, C, Kawamoto H, Bradley JP. Customized Bilaminar Resorbable Mesh with BMP-2 Promotes Cranial Bone Defect Healing. *Ann Plast Surg.* 2015 May;74(5):603-8.

Widgerow AD, Salibian AA, **Kohan E**, Sartiniferreira T, Afzel H, Tham T, Evans GR. "Strategic sequences" in adipose-derived stem cell nerve regeneration. *Microsurgery.* 2014 May;34(4):324-30.

Anatomy of the Neck. **Kohan E**, Wirth GA. *Clinics of Plastic Surgery.* 2014.

Aly A, **Kohan E**. Chapter 67: Abdominoplasty and Belt Lipectomy, in: *Grabb and Smith's Plastic Surgery, 7th Edition (2013).*

Paydar K, **Kohan E**, Hansen, S, Roostaeian J, Gradinger G. Long Term Effects of Breast Aging in Patients undergoing Explantation: Analysis of Breast Aesthetics from Before Augmentation to After Explantation. *Ann Plast Surg.* 2013 Mar 11.

Roostaeian J, **Kohan E**, Tanna N, Tabit CJ, Kawamoto HK, Bradley JP. Staged reconstruction of the lower eyelid following tri-lamellar injury: a

case series and anatomic study. *J Plast Reconstr Aesthet Surg.* 2012 Jan; 65(1):48-53.

Roostaeian J, **Kohan E**, Tanna N, Kawamoto HK, Bradley JP. Reconstruction of the Scarred and Displaced Lower Eyelid following Violation of all Three Lamellae. *Plast Reconstr Surg.* 2011 Mar;127(3):58e-60e

Basseri B, Kianmahd BD, Roostaeian J, **Kohan E**, Wasson KL, Basseri RJ, Bradley JP. Current national incidence, trends, and health care resource utilization of cleft lip-cleft palate. *Plast Reconstr Surg.* 2011 Mar; 127(3):1255-62.

Lesavoy M, **Kohan E**. Successful Total Upper and Lower Eyelid Reconstruction using an Expanded Forehead Flap. *Ann Plast Surg.* 2011 Mar 2.

Kosins A, **Kohan E**, Shajan J, Jaffurs D, Wirth G, Paydar K. Fixation of the Medial Canthal Tendon Using the Mitek Anchor System. *Plast Reconstr Surg.* 2010 Dec;126(6):309e-310e.

Kohan E, Hazany S, Vyas R, Bradley JP. Economic Advantages to Neonatal Distraction Decision Tree Model for the Management of Upper Airway Obstruction. *Plast Reconstr Surg.* 2010 Nov;126(5):1652-64.

Kohan E, Lazareff J, Bradley JP. Successful staged correction of Transphenoidal Encephaloceles. *Plast Reconstr Surg.* 2010 Jul;126(1): 197-204.

Kim SS, Kawamoto H, **Kohan E**, Bradley JP. Reconstruction of the Irradiated Orbits with Autogenous Fat Grafting for Improved Ocular Implant. *Plast Reconstr Surg.* 2010 Jul;126(1):213-20.

Kohan E, Jackson E, Heller J, Lazareff J, Bradley JP. Correction of Hydrocephalic Macrocephaly with Total Cranial Vault Remodeling and Molding Helmet Therapy. *Plast Reconstr Surg.* 2010 Jun;125(6):1763-70.

Tashjian V, **Kohan E**, McArthur D, Holly L. The Relationship Between Pre-operative Cervical Alignment and Post-operative Spinal Cord Drift in Patients Undergoing Multi-segmental Decompressive Laminectomies

for Cervical Spondylotic Myelopathy. *Surg Neurol.* 2009 Aug;72(2):112-7.

Kohan E, Oh D, Wang H, Hazany S, Ohning G, Pisegna JR. Duodenal Mucosa with Gastric Oxyntic Heteropia (GOH) in Patients with Zollinger Ellison Syndrome. *Diagn Ther Endosc.* 2009; 2009:298381. Epub 2009 Jul 1.

Kohan E, Longaker M, Nguyen J, Kawamoto H, Wexler A, Cahan L, Katchikian H, Bradley JP. Pfeiffer Syndrome Twins: Despite Improved Correction, Growth Disturbance Results in Similar Need for Subsequent Monobloc Advancement. *J Craniofac Surg.* 2009 May;20(3):811-5.

Zhu M[†], **Kohan E**[†], Bradley J, Hedrick M, Benhaim P, Zuk P. The Effect of Age on Osteogenic, Adipogenic and Proliferative Potential of Female Adipose-Derived Stem Cells. *J Tissue Eng Regen Med.* 2009 Mar 24. [†] Co-First Authors: These authors contributed equally to this study.

Kohan E, Wexler A, Cahan L, Kawamoto H, Katchikian H, Bradley JP. Sagittal Synostotic Twins: Reverse Pi Procedure for Scaphocephaly Correction Gives Superior Result Compared to Endoscopic Repair Followed by Helmet Therapy. *J Craniofac Surg.* 2008 Nov;19(6):1453-8.

Call GB, Olson J, Chen J, **Kohan E**, Undergraduate Research Consortium in Functional Genomics* and Banerjee U. Genomewide clonal analysis of lethal mutations in the *Drosophila melanogaster* eye: comparison of the X chromosome and autosomes. *Genetics.* 2007 October; 177(2):689-97.

Chen J, Call GB, **Kohan E**, Undergraduate Research Consortium in Functional Genomics* and Banerjee U. Discovery-Based Science Education: Functional Genomic Dissection in *Drosophila* by Undergraduate Researchers. *Public Library of Science (PloS) Biology.* 2005 February; 3(2):e59.

* For a comprehensive list of authors in the HHMI Undergraduate Research Consortium in Functional Genomics please visit www.bruinfly.ucla.edu.

Grants Awarded:

Kohan E, Bradley JP. Plastic Surgery Educational Foundation (PSEF). Increasing Adipogenic, Osteogenic, and Proliferative Properties of Adipose Derived Stem Cells via ectopic gene expression.

Poster/Abstracts/ Presentations:

Kohan E. Critical Concepts in Head and Neck Reconstruction after Oncologic Ablation. Plastic Surgery Grand Rounds: University of California, Irvine (2015).

Kohan E. Rectus Sheath Plication: What is the best technique in abdominoplasty?. Plastic Surgery Grand Rounds: University of California, Irvine (2014).

Kohan E. Upper Eyelid Blepharoplasty: How much orbicularis oculi. Plastic Surgery Grand Rounds: University of California, Irvine (2013).

Kohan E, Paydar K, Hansen, S, Roostaeian J, Gradinger G. Long Term Effects of Breast Aging. Furnas Lectureship, University of California, Irvine (2013).

Kohan E, Aly A. Decreasing Post-Rhinoplasty Edema. California Society of Plastic Surgeons, 63rd Annual Meeting (2013).

Kohan E, Scholz T, Wirth G, Kosins, A, Shajan, J, Jaffurs D, Paydar K. Fixation of the Medial Canthal Tendon using the Mitek Anchor System. California Society of Plastic Surgeons, 62nd Annual Meeting (2012).

Kohan E, Scholz T, Paydar K, Hansen S, Roostaeian J, Gradinger G. Long Term Effects of Breast Aging in Patients undergoing Explantation: Analysis of Breast Aesthetics from Before Augmentation to After Explantation. California Society of Plastic Surgeons, 62nd Annual Meeting (2012).

Kohan E, Kumar A, Kawamoto H, Katchikian H, Yang C, Bradley JP. Customized Bilaminar Resorbable Mesh with BMP-2 Promotes Cranial Bone Defect Healing. Plastic Surgery Research Council, 54th Annual Meeting, 2009. University of Pittsburgh.

Kohan E, Zhu M, Zuk P, Bradley JP. Decreasing Potential of Adipose-Derived Stem Cells with Donor Age. Plastic Surgery Research Council, 54th Annual Meeting, 2009. University of Pittsburgh. Pittsburgh, PA.

Bradley JP, **Kohan E**, Grewal NS, Wexler A, Cahan L, Kawamoto HK. Identical Twins with Sagittal Synostosis: Improved Outcome with Cranial Vault Remodeling Compared to Endoscopic Correction with Postoperative Helmet Therapy. American Cleft Palate-Craniofacial Association (ACPA) 65th Annual Meeting 2008. Philadelphia, PA.

Kohan E, Bradley J, Zuk P. The Effect of Age on Osteogenic, Adipogenic and Proliferative Properties of Adipose-Derived Stem Cells. Laboratory for Regenerative Bioengineering and Repair. Department of Plastic Surgery. UCLA School of Medicine. UCLA David Geffen School of Medicine Research Poster Day 2007.

Kohan E, Yavari A, Banerjee U, and Call G. Sac1, a Phosphatidylinositol Phosphate Phosphatase, and its Role in Regulating the JNK Cascade during *Drosophila* Eye Development. UCLA Department of Molecular, Cell and Developmental Biology. Presented at UCLA Neuroscience Research Day and the West Coast Biological Sciences Undergraduate Research Conference 2006.

Call GB, Chen J, Wu J, **Kohan E**, Undergraduate Research Consortium in Functional Genomics* and Banerjee U. Functional Genomics Screen in the Eye by a Consortium of Undergraduate Students. 46th Annual *Drosophila* Research Conference, San Diego, 2005.

* For a comprehensive list of authors in the HHMI Undergraduate Research Consortium in Functional Genomics please visit www.bruinfly.ucla.edu.

Volunteer Experience/Community Service:

UCLA School of Medicine: Cadaver Dissection

Phi Beta Kappa

Los Angeles Free Clinic Volunteer

Community Outreach for Prevention and Education Volunteer.

Hand In Hand (UCLA Community Service Group) Co-Founder