

Kriti Mohan, MD

*Memorial Plastic Surgery
929 Gessner Road, Suite 2250
Houston, TX 77024*

DEGREES

- M.D., Baylor College of Medicine
- B.A., Rutgers University

TEACHING EXPERIENCE

- Baylor College of Medicine *8/2011—12/2012*
Harvey Cardiology Teaching Assistant
Lead teaching sessions on basic cardiology principles
- Baylor College of Medicine *2010—2012*
Surgical Skills Lab Instructor
In conjunction with Surgery Core Clerkship Educational program
- Rice Tutors *8/2009—1/2010*
Comprehensive Tutor
Tutoring Geometry, Chemistry, and French 6 hrs/week to high school students
- Rutgers University, ODASIS *9/2005—5/2007*
Biology Teaching Assistant
Leading recitation sessions for undergraduate students to review biology concepts

RESEARCH EXPERIENCE

- University of Texas MD Anderson Cancer Center *4/2010—7/2012*
Plastic Surgery Research Fellow
Justin M. Sacks, MD, Donald Baumann, MD, Charles E. Butler, MD
Projects include tissue allotransplantation, investigation of the infection rates in tissue expander placement, analysis of the rates of parastomal hernias in patients undergoing abdominal reconstruction
- Baylor College of Medicine, Division of Plastic Surgery *9/2009-present*
Samuel Stal, MD, Larry H Hollier, MD
Projects including management of zygomatic fractures, surgical techniques in pediatric patients, investigation of adolescent interests in cosmetic surgery, exploration of the effects of reduction mammoplasty on lung function
- BCM, Dr. Hugo Bellen, HHMI *7/2006—7/2007*
Hugo Bellen, DVM, PhD
Investigated the functional role of the VAPB protein in the progression of Amyotrophic Lateral Sclerosis (ALS) and possibilities for cell regeneration, resulted in *Cell* publication

- Rutgers University, W.M. Keck Center for Spinal Cord Injury 9/2004—5/2007
Martin Grumet, PhD
Investigated the function of Notch signaling in regeneration of glial cells following spinal cord injury
- Boston College, Biology Department 3/2004—7/2004
Janet Paluh, PhD
Analyzed protein-protein interactions during mitosis in *S. pombe* important for cancer progression

HONORS AND AWARDS

- Alpha Omega Alpha Honor Society, nominated August 2011
- Hitoshi Nikaidoh Award. Amount: \$1500, towards International Service, August 2010
- Honors Program Research Grant, Rutgers University, October 2006
- Henry Rutgers Program Research Grant, Rutgers University, October 2006
- Ralph de Falco Scholarship, Rutgers University, May 2006
- Jerome and Lorraine Aresty Undergraduate Research Scholarship, Rutgers University, September 2006
- Chemistry Society- Outreach Service Award, Rutgers University, Fall 2005
- CRC Press LLC Freshman Chemistry Achievement Award, Top Undergraduate General Chemistry Student, Boston College, 2004

LEADERSHIP

- Allergan START Program—July 2018- present
- Vice President, BCM Project Medishare for Haiti —April 2010-present
- Plastic Surgery Liaison, Baylor Student Surgical Society—August 2009-present
- Clinical Skills and Suturing Lab Co-director, Baylor Student Surgical Society—August 2009-present
- Curriculum Committee Student Representative, Class of 2012
- Anatomy Tutor, Baylor College of Medicine—August 2009-January 2010
- Recruitment Representative for BCM Admissions Process—August 2009-August 2010

VOLUNTEER EXPERIENCE

- Clinical Volunteer, National Institute of Burns, Hanoi, Vietnam, March 2011—
Reconstructive Plastic Surgery mission trip
- Clinical Volunteer, Ben Taub General Hospital Emergency Center, Baylor Emergency
Medicine Interest Group—Spring 2009-present
- Clinical Volunteer, HOMES Clinic, Houston, TX—Fall 2008 to Spring 2010
- Saturday Morning Science Programs, Office of Diversity, Baylor College of Medicine—
Fall 2008-Spring 2009
- Fundraising coordinator, Children's AIDS Network, Robert Wood Johnson Hospital,
2004-2007
- Volunteer, Congenital Deformities/Developmental Disabilities camp, Chennai, India,
Summer 2006
- Clinical Assistant, Internal Medicine, Malar Hospital, Chennai, India, Summer 2006

- Project Coordinator, Boston College International Service Chapter, Ghana, West Africa, July 2004

PEER REVIEWED JOURNAL ARTICLES

- Otologic and Audiology Concerns of Microtia Repair. Ali K, **Mohan K**, Liu YC. *Seminars in Plastic Surgery*. 2017 Aug;31(3):127-133.
- Physician-directed non-invasive facial rejuvenation Part 1: Neuromodulators and fillers. Ryan Dickey, Matthew Louis, Joshua Cox, **Kriti Mohan**, Edward I. Lee, Marjory G Nigro *Semin Plast Surg*. 2016 Aug;30(3):134-42. doi: 10.1055/s-0036-1584819. Review
- Noninvasive Facial Rejuvenation. Part 2: Physician-Directed-Neuromodulators and Fillers. Dickey RM, Louis MR, Cox JA, **Mohan K**, Lee EI, Nigro MG. *Semin Plast Surg*. 2016 Aug;30(3):134-42.
- Treatment of Infected Facial Implants. **Mohan K**, Cox JA, Dickey RM, Gravina P, Echo A, Izaddoost SA, Nguyen AH. *Semin Plast Surg*. 2016 May;30(2):78-82.
- Improving Antimicrobial Regimens for the Treatment of Breast Tissue Expander-Related Infections. Viola GM, Baumann DP, **Mohan K**, Selber J, Garvey P, Reece G, Raad II, Rolston KV, Crosby MA. 2016 May 6;4(5):e704. doi: 10.1097/GOX.0000000000000690. eCollection 2016 May.
- Rochlin DH, Jeong AR, Goldberg L, Harris T, **Mohan K**, Seal S, Canner J, Sacks JM. Postmastectomy radiation therapy and immediate autologous breast reconstruction: integrating perspectives from surgical oncology, radiation oncology, and plastic and reconstructive surgery. *Journal of Surgical Oncology*. 2015 March; 111 (3): 251-7. PMID: 25339608.
- Killion, E., **Mohan, K.**, Lee, E.I. A review of vascular anomalies; genetics and common syndromes. *Seminars in Plastic Surgery*. 2014 May 28 (2): 64-8. PMID: 25045331.
- Weathers, W.M., Khechoyan, D., Wolfswinkel, E.M., **Mohan, K.**, Nagy, A., Bollo, R.J., Buchanan, E.P., Hollier, L.H. A Novel Quantitative Method for Evaluating Surgical Outcomes in Craniosynostosis: Pilot Analysis for Metopic Synostosis. *Craniofacial Trauma and Reconstruction*. 2014 March 7 (1): 1-8. PMID 24624251.
- Sacks JM, Kuo YR, Horibe EK, Hautz T, **Mohan K**, Valerio IL, Lee WP. An Optimized Dual-Surgeon Simultaneous Orthotopic Hind-Limb Allotransplantation Model in Rats. *Journal of Reconstructive Microsurgery*. August 2011.
- Lee EI, **Mohan K**, Koshy JC, and Hollier LH. Optimizing the Surgical Management of Zygomaticomaxillary fractures. *Seminars in Plastic Surgery*. 2010. 24(4): 389-397.
- Sacks JM, **Mohan K**, and Baumann D. Reconstructive Surgery for Skin Cancer. In D. Rigel, *Cancer of the Skin* (2nd ed.). Elsevier Health Sciences. 2010.
- Tsuda H, Han SM, Yang Y, Tong C, Lin YQ, **Mohan K**, Haueter C, Zoghbi A, Harati Y, Kwan J, Miller MA, Bellen HJ. The amyotrophic lateral sclerosis 8 protein VAPB is cleaved, secreted, and acts as a ligand for Eph receptors. *Cell*. 2008 June. 133 (6): 963-77.
- Li H, Chang YW, **Mohan K**, Su HW, Ricupero CL, Baridi A, Hart RP, Grumet M. Activated Notch1 maintains the phenotype of radial glial cells and promotes their adhesion to laminin by upregulating nidogen. *Glia*. 2008 April. 56(6): 646-58.

ABSTRACTS

- Koshy JC, Mohan K, Eunji J, Duryea T, Heller L. On Beauty: Survey Results Defining Familial and Adolescent Motivations and Perceptions Toward Cosmetic Procedures. American Society for Aesthetic Plastic Surgery, Annual Meeting, Residents and Fellows Forum, Boston, MA, May 6-11, 2011.
- Mayer RR, Fahim DK, Mohan K, Lu JT, Sacks JM, Rao G, Adelman, McCutcheon IE. Scalp tumors with intracranial extension in 50 patients: multidisciplinary surgical strategies and outcomes. Congress of Neurological Surgeons, Annual Meeting, Washington, DC, October 1-6, 2011.

PRESENTATIONS (LOCAL/INTERNATIONAL)

- Poster: Jeong AR, **Mohan K**, Liu J, Sacks JM. Effect of Postmastectomy Radiation Therapy on the Immediately Reconstructed Breast Using Abdominal Wall Tissue: A Meta-analysis. James K. Alexander Research Symposium, Houston, TX. March 2011.
- Poster: **Mohan K**, Sharabi SE, Hollier LH. Purse-string Closure in the Pediatric Population: A Case Series. Texas Society of Plastic Surgeons, Bastrop, TX. September 2010.
- Poster: **Mohan K**, Cole P, Stal D, Sharabi SE, Hicks J, Hollier LH. A Comparative, Long-Term Assessment of Soft Tissue Substitutes: AlloDerm®, DermaMatrix®, ENDURAGen®, and Duramatrix®. Texas Children's Hospital Annual Surgical Research Symposium. Houston, TX. May 2010.
- Presentation: **Mohan K**. "Activated Notch1 promotes radial glial phenotype in vitro: Characterization of a radial glial clone, NL2.3-4". Rutgers University. Senior Honors Thesis. May 2007.
- Poster: Li H, Chang Y, **Mohan K**. "Activated Notch1 maintains the phenotype of radial glial cells and promotes their adhesion to laminin by upregulating nidogen". Society for Neuroscience, Annual Meeting. Atlanta, GA, October 2006.