

Dr. Ali-Reza Sharif-Afshar, MD

Education: University of Tennessee College of Medicine, M.D., 2007 to 2011

Cedars Sinai Medical Center, General Surgery Internship, 2011 to 2012

Cedars Sinai Medical Center, Urology Residency, 2012 to 2016

University of Southern California, Fellow in Advanced Robotics, Laparoscopy, Urologic Oncology and Endourology, 2016 to 2017

Professional Experience Urologist, San Fernando Valley Urological Associates, 8/2018.
Urologist, Healthcare Partners DaVita, 8/2017 to 8/2018.
Urologist, Tower Urology, 2013 – now
Research Assistant, Vanderbilt University, 2003-2007

Professional Activities: American Urological Associates 2011-now
Los Angeles Urological Society 2012-now

CSMC Teaching Activities:
Clinical Teaching (ward, consultations and surgery) 2016 – now

PUBLICATIONS:

Forrester E, Chytil A, Bierie B, Aakre M, Gorska AE, **Sharif-Afshar AR**, Muller W, Moses H. Effect of Conditional Knockout of the Type II *TGF- β* Receptor Gene in Mammary Epithelia on Mammary Gland Development and Polyomavirus Middle T Antigen Induced Tumor Formation and Metastasis. *Cancer Res.* 2005; 65: 2296-2302.

Sharif-Afshar AR, Donohoe J, Pope JC 4th, Adams MC, Brock JC 3rd, Bhowmick NA. Stromal Hyperplasia In Male Bladders Upon Loss Of Transforming Growth Factor- β Signaling In Fibroblasts. *J Urol.* 2005; 174: 1704-1707.

Ottamasathien S, Wang Y, Williams K, Franco OE, Wills ML, Thomas JC, Saba K, **Sharif-Afshar AR**, Makari JH, Bhowmick NA, Demarco RT, Hipkens S, Magnuson M, Brock JW 3rd, Hayward SW, Pope JC 4th, Matusik RJ. Directed differentiation of embryonic stem cells into bladder tissue. *Dev Biol.* 2007; 304 (2): 556-566.

Ottamasathien S, Williams K, Franco OE, Wills ML, Thomas JC, **Sharif-Afshar AR**, Demarco RT, Brock JW 3rd, Bhowmick NA, Hayward SW, Pope JC 4th. Urothelial Inhibition of TGF- β In A Bladder Tissue Recombination Model. *J Urol*. 2007; 178 (4 Pt 2):1643-1649.

Li X, Placencio V, Iturregui J M, Uwamariya C, **Sharif-Afshar AR**, Koyama T, Hayward SW, Bhowmick NA. Prostate tumor progression is mediated by a paracrine TGF-beta/Wnt3a signaling axis. *Oncogene* 2008; 27(56):7118-30.

Thomas JC, Ottamasathien S, Makari JH, Honea L, **Sharif-Afshar AR**, Wang Y, Adams C, Wills ML, Bhowmick NA, Adams MC, Brock JW 3rd, Hayward SW, Matusik RJ, Pope JC 4th. Temporal- spatial protein expression in bladder tissue derived from embryonic stem cells. *J Urol*. 2008;180(4 Suppl):1784-9.

Placencio VR, **Sharif-Afshar AR**, Li X, Huang H, Uwamariya C, Neilson EG, Shen MM, Matusik RJ, Hayward SW, Bhowmick NA. Stromal transforming growth factor-beta signaling mediates prostatic response to androgen ablation by paracrine Wnt activity. *Cancer res*. 2008; 68(12):4709-18.

Martinez-Ferrer M, Iturregui JM, Uwamariya C, Starkman J, **Sharif-Afshar AR**, Suzuki K, Visedsindh W, Matusik RJ, Dmochowski RR, Bhowmick NA. Role of nicotinic and estrogen signaling during experimental acute and chronic bladder inflammation. *Am J Pathol*. 2008; 172(1):59-67.

Li X, Wang Y, **Sharif-Afshar AR**, Uwamariya C, Yi A, Ishii K, Hayward SW, Matusik RJ, Bhowmick NA. Urothelial transdifferentiation prostate epithelia is mediated by paracrine TGF-beta signaling. *Differentiation*. 2009; 77 (1): 95-102.

Boomershine CS, Chamberlain A, Kendall P, **Sharif-Afshar AR**, Huang H, Washington MK, Lawson WE, Thomas JW, Blackwell TS, Bhowmick NA. Autoimmune pancreatitis results from loss of TGFbeta signaling in S100A4-positive dendritic cells. *Gut*. 2009;58(9):1267-74.

Martinez-Ferrer M, **Sharif-Afshar AR**, Uwamariya C, de Crombrughe B, Davidson JM, Bhowmick NA. Dermal transforming growth factor-beta responsiveness mediates wound contraction and epithelial closure. *Am J Pathol*. 2010; 176 (1): 98-107.

Sharif-Afshar AR, Anger J. Urinary Incontinence: treating occult SUI-are two steps better than one? *Nat Rev Urol*. 2012; 9(12): 673-4.

Feng TS, **Sharif-Afshar AR**, Smith SC, Miller J, Nguyen C, Li Q, Luthringer D, Li D, Saouaf R, Kim HL. Multiparametric magnetic resonance imaging localizes established extracapsular extension of prostate cancer. *Urol Oncol*. 2015; 33(3):109.e15-109.e22.

Nguyen C, **Sharif-Afshar AR**, Fan Z, Xie Y, Wilson S, Bi X, Payor L, Saouaf R, Kim HL, Li D. 3D high- resolution diffusion-weighted MRI at 3T: Preliminary application in prostate cancer patients undergoing active surveillance protocol for low-risk prostate cancer. *Magn Reson Med*. 2016; 75(2):616-26.

Sharif-Afshar AR, Feng TS, Koopman SG, Nguyen C, Li Q, Shkolyar E, Saouaf R, Kim HL. Impact of post prostate biopsy hemorrhage on multiparametric MRI. *Can J Urol*. 2015; 22(2)7698-702.

Feng TS, **Sharif-Afshar AR**, Wu J, Li Q, Luthringer D, Saouaf R, Kim HL. Multiparametric MRI Improves Accuracy of Clinical Nomograms for Predicting Extracapsular Extension of Prostate Cancer. *Urology*. 2015; 86(2):332-7.

Sharif-Afshar AR, Nguyen C, Feng TS, Payor L, Fan Z, Saouaf R, Li D, Kim HL. Prospective Pilot Trial to Evaluate a High Resolution Diffusion-Weighted MRI in Prostate Cancer Patients. *EBioMedicine*. 2016; 7: 80-84.

Sharif-Afshar AR, Wood LN, Bresee C, Souders CP, Gross BS, Shkolyar E, Anger JT, Eilber KS. Teaching mid-urethral sling surgery to residents: Impact on operative time and postoperative outcomes. *Neurourol Urodyn*. 2017 Nov;36(8):2148-2152.

Jamnagerwalla J, **Sharif-Afshar AR**, Freedman A. Use of a modified continent ileovesicostomy in adults with prior enterocystoplasty. *Current Urology*. 2017 Nov;10(4):206-209.

Chapters:

Sharif-Afshar AR, Koopman SG, Kim HL. "Molecularly Targeted Staging Strategies in Renal Cell Carcinoma." *Renal Cell Carcinoma: Molecular Targets & Clinical Applications*, Third Edition. Ronald M Bukowski, et al. Humana Press Inc. 2015.