

Medical Discipline	Faculty Articles
Basic Science	Cecil DL, Johnson K, Rediske J, Lotz M, Schmidt AM, Terkeltaub R. Inflammation-induced chondrocyte hypertrophy is driven by receptor for advanced glycation end products. <i>J Immunol</i> . 2005 Dec 15;175(12):8296-302.
Basic Science	Hudson BI, Harja E, Moser B, Schmidt AM. Soluble levels of receptor for advanced glycation endproducts (sRAGE) and coronary artery disease: the next C-reactive protein? <i>Arterioscler Thromb Vasc Biol</i> . 2005 May;25(5):879-82.
Basic Science	Andrassy M, Belov D, Harja E, Zou YS, Leitges M, Katus HA, Nawroth PP, Yan SD, Schmidt AM, Yan SF. Central role of PKCbeta in neointimal expansion triggered by acute arterial injury. <i>Circ Res</i> . 2005 Mar 4;96(4):476-83.
Basic Science	Basta G, Lazzerini G, Del Turco S, Ratto GM, Schmidt AM, De Caterina R. At least 2 distinct pathways generating reactive oxygen species mediate vascular cell adhesion molecule-1 induction by advanced glycation end products. <i>Arterioscler Thromb Vasc Biol</i> . 2005 Jul;25(7):1401-7.
Basic Science	Chaney MO, Stine WB, Kokjohn TA, Kuo YM, Esh C, Rahman A, Luehrs DC, Schmidt AM, Stern D, Yan SD, Roher AE. RAGE and amyloid beta interactions: atomic force microscopy and molecular modeling. <i>Biochim Biophys Acta</i> . 2005 Jun 30;1741(1-2):199-205.
Basic Science	Feng L, Matsumoto C, Schwartz A, Schmidt AM, Stern DM, Pile-Spellman J. Chronic vascular inflammation in patients with type 2 diabetes: endothelial biopsy and RT-PCR analysis. <i>Diabetes Care</i> . 2005 Feb;28(2):379-84.
Basic Science	Hofmann MA, Yang Q, Harja E, Kedia P, Gregersen PK, Cupples LA, Schmidt AM, Hudson BI. The RAGE Gly82Ser polymorphism is not associated with cardiovascular disease in the Framingham offspring study. <i>Atherosclerosis</i> . 2005 Oct;182(2):301-5.
Basic Science	Hudson BI, Wendt T, Bucciarelli LG, Rong LL, Naka Y, Yan SF, Schmidt AM. Diabetic Vascular Disease: It's All the RAGE. <i>Antioxid Redox Signal</i> . 2005 Nov-Dec;7(11-12):1588-600.
Basic Science	Kaneko M, Bucciarelli L, Hwang YC, Lee L, Yan SF, Schmidt AM, Ramasamy R. Aldose reductase and AGE-RAGE pathways: key players in myocardial ischemic injury. <i>Ann N Y Acad Sci</i> . 2005 Jun;1043:702-9.
Basic Science	Kaufman HL. Manipulating the local tumor microenvironment with poxviruses expressing costimulatory molecules. <i>Ann N Y Acad Sci</i> . 2005 Dec;1062:41-50.
Basic Science	Kaufman HL, Deraffe G, Mitcham J, Moroziewicz D, Cohen SM, Hurst-Wicker KS, Cheung K, Lee DS, Divito J, Voulo M, Donovan J, Dolan K, Manson K, Panicali D, Wang E, Horig H, Marincola FM. Targeting the local tumor microenvironment with vaccinia virus expressing B7.1 for the treatment of melanoma. <i>J Clin Invest</i> . 2005 Jul;115(7):1903-12.
Basic Science	Kaufman HL, Divigi CR. Optimizing prostate cancer treatment by combining local radiation therapy with systemic vaccination. <i>Clin Cancer Res</i> . 2005 Oct 1;11(19 Pt 1):6757-62.
Basic Science	Klein OD, Cotter PD, Schmidt AM, Bick DP, Tidyman WE, Albertson DG, Pinkel D, Rauen KA. Interstitial deletion of chromosome 12q: genotype-phenotype correlation of two patients utilizing array comparative genomic hybridization. <i>Am J Med Genet A</i> . 2005 Nov 1;138(4):349-54.
Basic Science	Lawrie A, Spiekerkoetter E, Martinez EC, Ambartsumian N, Sheward WJ, MacLean MR, Harmar AJ, Schmidt AM, Lukanidin E, Rabinovitch M. Interdependent serotonin transporter and receptor pathways regulate S100A4/Mts1, a gene associated with pulmonary vascular disease. <i>Circ Res</i> . 2005 Aug 5;97(3):227-35.
Basic Science	Linnepe Nee Kohling P, Schmidt AM, Eilbracht P. 2,3-Disubstituted indoles from olefins and hydrazines via tandem hydroformylation-Fischer indole synthesis and skeletal rearrangement. <i>Org Biomol Chem</i> . 2006 Jan 21;4(2):302-13.
Basic Science	Moser B, Hudson BI, Schmidt AM. Soluble RAGE: a hot new biomarker for the hot joint? <i>Arthritis Res Ther</i> . 2005;7(4):142-4.
Basic Science	Oz M, Jackson SN, Woods AS, Morales M, Zhang L. Additive effects of endogenous cannabinoid anandamide and ethanol on alpha7-nicotinic acetylcholine receptor-mediated responses in <i>Xenopus Oocytes</i> . <i>J Pharmacol Exp Ther</i> . 2005 Jun;313(3):1272-80.
Basic Science	Oz M, Yang KH, O'donovan MJ, Renaud LP. Presynaptic angiotensin II AT1 receptors enhance inhibitory and excitatory synaptic neurotransmission to motoneurons and other ventral horn neurons in neonatal rat spinal cord. <i>J Neurophysiol</i> . 2005 Aug;94(2):1405-12.
Basic Science	Ramasamy R, Vannucci SJ, Yan SS, Herold K, Yan SF, Schmidt AM. Advanced glycation end products and RAGE: a common thread in aging, diabetes, neurodegeneration, and inflammation. <i>Glycobiology</i> . 2005 Jul;15(7):16R-28R.
Basic Science	Rong LL, Gooch C, Szabolcs M, Herold KC, Lalla E, Hays AP, Yan SF, Yan SS, Schmidt AM. RAGE: a journey from the complications of diabetes to disorders of the nervous system - striking a fine balance between injury and repair. <i>Restor Neurol Neurosci</i> . 2005;23(5-6):355-65.
Basic Science	Schmidt AM, Eilbracht P. Synthesis of pharmacologically relevant indoles with amine side chains via tandem hydroformylation/Fischer indole synthesis. <i>J Org Chem</i> . 2005 Jul 8;70(14):5528-35.

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Basic Science	Spiekerkoetter E, Lawrie A, Merklinger S, Ambartsumian N, Lukanidin E, Schmidt AM, Rabinovitch M. Mts1/S100A4 stimulates human pulmonary artery smooth muscle cell migration through multiple signaling pathways. <i>Chest</i> . 2005 Dec;128(6 Suppl):577S.
Basic Science	Varma S, Lal BK, Zheng R, Breslin JW, Saito S, Pappas PJ, Hobson RW 2nd, Duran WN. Hyperglycemia alters PI3k and Akt signaling and leads to endothelial cell proliferative dysfunction. <i>Am J Physiol Heart Circ Physiol</i> . 2005 Oct;289(4):H1744-51.
Basic Science	Wang K, Zhou Z, Zhang M, Fan L, Forudi F, Zhou X, Qu W, Lincoff AM, Schmidt AM, Topol EJ, Penn MS. Peroxisome Proliferator-Activated Receptor Gamma Down-Regulates Receptor for Advanced Glycation End Products and Inhibits Smooth Muscle Cell Proliferation in a Diabetic and Non-diabetic Rat Carotid Artery Injury Model. <i>J Pharmacol Exp Ther</i> . 2005 Dec 20.
Basic Science	Wendt T, Harja E, Bucciarelli L, Qu W, Lu Y, Rong LL, Jenkins DG, Stein G, Schmidt AM, Yan SF. RAGE modulates vascular inflammation and atherosclerosis in a murine model of type 2 diabetes. <i>Atherosclerosis</i> . 2006 Mar;185(1):70-7.
Basic Science	Zhou J, Cai B, Jang YP, Pachydaki S, Schmidt AM, Sparrow JR. Mechanisms for the induction of HNE- MDA- and AGE-adducts, RAGE and VEGF in retinal pigment epithelial cells. <i>Exp Eye Res</i> . 2005 Apr;80(4):567-80.
Breast Surgery	Adepoju LJ, Chun J, El-Tamer M, Ditkoff BA, Schnabel F, Joseph KA. The value of clinical characteristics and breast-imaging studies in predicting a histopathologic diagnosis of cancer or high-risk lesion in patients with spontaneous nipple discharge. <i>Am J Surg</i> . 2005 Oct;190(4):644-6.
Breast Surgery	Chun J, Joseph KA, El-Tamer M, Rundle A, Jacobson J, Schnabel F. Cohort study of women at risk for breast cancer and gross cystic disease. <i>Am J Surg</i> . 2005 Oct;190(4):583-7.
Breast Surgery	Gendler LS, Joseph KA. Images in clinical medicine. Breast cancer of an accessory nipple. <i>N Engl J Med</i> . 2005 Oct 27;353(17):1835.
Breast Surgery	Joseph KA, Shutter J, El-Tamer M, Schnabel F. Cutaneous subareolar leiomyoma: a rare clinical entity. <i>Breast J</i> . 2005 Nov-Dec;11(6):501-2.
Breast Surgery	Komenaka IK, Bauer VP, Schnabel FR, Horowitz E, Joseph KA, Ditkoff BA, El-Tamer MB. Allergic reactions to isosulfan blue in sentinel lymph node mapping. <i>Breast J</i> . 2005 Jan-Feb;11(1):70-2.
Breast Surgery	Komenaka IK, DeRaffele G, Hurst-Wicker KS, Kaufman HL. Management of metastatic melanoma to the breast with high-dose interleukin-2 and surgical resection. <i>Breast J</i> . 2005 Mar-Apr;11(2):158-9.
Breast Surgery	El-Tamer M, Chun J, Gill M, Bassi D, Lee S, Hibshoosh H, Mansukhani M. Incidence and clinical significance of lymph node metastasis detected by cytokeratin Immunohistochemical staining in ductal carcinoma in situ. <i>Ann Surg Oncol</i> . 2005 Mar;12(3):254-9.
Cardiac Surgery	Anis A, Brady J, Sedaghat D, Klapholz M, Esrig BC, Saric M. Papillary fibroelastoma: an uncommon cause for a transient ischemic attack.. <i>Am J Geriatr Cardiol</i> . 2005 Sep-Oct;14(5):269-70.
Cardiac Surgery	Berberian G, Quinn TA, Vigilance DW, Park DY, Cabreriza SE, Curtis LJ, Spotnitz HM. Validation study of PulseCO system for continuous cardiac output measurement. <i>ASAIO J</i> . 2005 Jan-Feb;51(1):37-40.
Cardiac Surgery	Dang NC, Aboodi MS, Sakaguchi T, Wasserman HS, Argenziano M, Cosgrove DM, Rosengart TK, Feldman T, Block PC, Oz MC. Surgical revision after percutaneous mitral valve repair with a clip: initial multicenter experience. <i>Ann Thorac Surg</i> . 2005 Dec;80(6):2338-42.
Cardiac Surgery	Dang NC, Stewart AS, Kay J, Mercado ML, Kruger KH, Topkara VK, Oz MC. Simplified placement of multiple artificial mitral valve chords. <i>Heart Surg Forum</i> . 2005;8(3):E129-31.
Cardiac Surgery	Hannan EL, Racz MJ, Walford G, Jones RH, Ryan TJ, Bennett E, Culliford AT, Isom OW, Gold JP, Rose EA. Long-term outcomes of coronary-artery bypass grafting versus stent implantation. <i>N Engl J Med</i> . 2005 May 26;352(21):2174-83.
Cardiac Surgery	Marcus GM, Rose E, Viloria EM, Schafer J, De Marco T, Saxon LA, Foster E; VENTAK CHF/CONTAK-CD Biventricular Pacing Study Investigators. Septal to posterior wall motion delay fails to predict reverse remodeling or clinical improvement in patients undergoing cardiac resynchronization therapy.
Cardiac Surgery	Moazami N, Oz MC. Natriuretic peptides in the perioperative management of cardiac surgery patients. <i>Heart Surg Forum</i> . 2005;8(3):E151-7.
Cardiac Surgery	Baumgartner WA, Burrows S, del Nido PJ, Gardner TJ, Goldberg S, Gorman RC, Letsou GV, Mascette A, Michler RE, Puskas JD, Rose EA, Rosengart TK, Sellke FW, Shumway SJ, Wilke N; National Heart, Lung, and Blood Institute Working Group on Future Direction in Cardiac Surgery. Recommendations of the National Heart, Lung, and Blood Institute Working Group on Future Direction in Cardiac Surgery. <i>Circulation</i> . 2005 Jun 7;111(22):3007-13.
Cardiac Surgery	Berberian G, Kanter JP, Quinn TA, Spotnitz HM. Optimized perioperative biventricular pacing in setting of right heart failure. <i>Europace</i> . 2005 Jul;7(4):385-7.

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Cardiac Surgery	Bisleri G, Manzato A, Argenziano M, Vigilance DW, Muneretto C. Thoracoscopic epicardial pulmonary vein ablation for lone paroxysmal atrial fibrillation. <i>Europace</i> . 2005 Mar; 7(2): 145-8.
Cardiac Surgery	Boyle AJ, Kelly DJ, Zhang Y, Cox AJ, Gow RM, Way K, Itescu S, Krum H, Gilbert RE. Inhibition of protein kinase C reduces left ventricular fibrosis and dysfunction following myocardial infarction. <i>J Mol Cell Cardiol</i> . 2005 Aug; 39(2): 213-21.
Cardiac Surgery	Boyle AJ, Schuster M, Witkowski P, Xiang G, Seki T, Way K, Itescu S. Additive effects of endothelial progenitor cells combined with ACE inhibition and beta-blockade on left ventricular function following acute myocardial infarction. <i>J Renin Angiotensin Aldosterone Syst</i> . 2005 Mar; 6(1): 33-7.
Cardiac Surgery	Kelly DJ, Zhang Y, Gow RM, Itescu S, Gilbert RE. Cells expressing the stem cell factor receptor, c-kit, contribute to neoangiogenesis in diabetes. <i>Diab Vasc Dis Res</i> . 2005 May; 2(2): 76-80.
Cardiac Surgery	Kenny JE, Berberian G, Rabkin DG, Cabreriza SE, Quinn TA, Curtis LJ, Spotnitz HM. Ethanol Induction of Complete Heart Block in Swine. <i>J Surg Res</i> . 2005 Dec 14;
Cardiac Surgery	Kim W, Hudson BI, Moser B, Guo J, Rong LL, Lu Y, Qu W, Lalla E, Lerner S, Chen Y, Yan SS, D'Agati V, Naka Y, Ramasamy R, Herold K, Yan SF, Schmidt AM. Receptor for advanced glycation end products and its ligands: a journey from the complications of diabetes to its pathogenesis. <i>Ann N Y Acad Sci</i> . 2005 Jun; 1043:553-61.
Cardiac Surgery	Klotz S, Barbone A, Reiken S, Holmes JW, Naka Y, Oz MC, Marks AR, Burkhoff D. Left ventricular assist device support normalizes left and right ventricular beta-adrenergic pathway properties. <i>J Am Coll Cardiol</i> . 2005 Mar 1; 45(5): 668-76.
Cardiac Surgery	Klotz S, Foronjy RF, Dickstein ML, Gu A, Garrelts IM, Danser AH, Oz MC, D'Armiento J, Burkhoff D. Mechanical unloading during left ventricular assist device support increases left ventricular collagen cross-linking and myocardial stiffness. <i>Circulation</i> . 2005 Jul 19; 112(3): 364-74.
Cardiac Surgery	Krucoff MW, Crater SW, Gallup D, Blankenship JC, Cuffe M, Guarneri M, Krieger RA, Kshetry VR, Morris K, Oz M, Pichard A, Sketch MH Jr, Koenig HG, Mark D, Lee KL. Music, imagery, touch, and prayer as adjuncts to interventional cardiac care: the Monitoring and Actualisation of Noetic Trainings (MANTRA) II randomised study. <i>Lancet</i> . 2005 Jul 16-22; 366(9481): 211-7.
Cardiac Surgery	Lietz K, John R, Burke E, Schuster M, Rogers TB, Suci-Foca N, Mancini D, Itescu S. Immunoglobulin M-to-immunoglobulin G anti-human leukocyte antigen class II antibody switching in cardiac transplant recipients is associated with an increased risk of cellular rejection and coronary artery disease. <i>Circulation</i> . 2005 Oct 18; 112(16): 2468-76.
Cardiac Surgery	Morgan JA, Thornton BA, Peacock JC, Hollingsworth KW, Smith CR, Oz MC, Argenziano M. Does robotic technology make minimally invasive cardiac surgery too expensive? A hospital cost analysis of robotic and conventional techniques. <i>J Card Surg</i> . 2005 May-Jun; 20(3): 246-51.
Cardiac Surgery	Mousa A, Dayal R, Bernheim J, Henderson P, Hollenbeck S, Trocciola S, Prince M, Gordon R, Badimon J, Fuster V, Marin ML, Kent KC, Faries PL. A canine model to study the significance and hemodynamics of type II endoleaks. <i>J Surg Res</i> . 2005 Feb; 123(2): 275-83.
Cardiac Surgery	Naunheim KS, Wood DE, Krasna MJ, DeCamp MM Jr, Ginsburg ME, McKenna RJ Jr, Criner GJ, Hoffman EA, Sternberg AL, Deschamps C; National Emphysema Treatment Trial Research Group. Predictors of operative mortality and cardiopulmonary morbidity in the National Emphysema Treatment Trial. <i>J Thorac Cardiovasc Surg</i> . 2006 Jan; 131(1): 43-53.
Cardiac Surgery	Oz M, Alptekin A, Tchugunova Y, Dinc M. Effects of saturated long-chain N-acyl ethanolamines on voltage-dependent Ca ²⁺ fluxes in rabbit T-tubule membranes. <i>Arch Biochem Biophys</i> . 2005 Feb 15; 434(2): 344-51.
Cardiac Surgery	Oz M. Neurocognitive changes: where's the meat? <i>Am Heart Hosp J</i> . 2005 Winter; 3(1): 38.
Cardiac Surgery	Oz MC, Mehmet C. Oz, MD: getting to the heart of integrative medicine. [Interview by Karolyn A. Gazella and Suzanne Snyder] <i>Altern Ther Health Med</i> . 2005 Nov-Dec; 11(6): 56-61.
Cardiac Surgery	Park SJ, Tector A, Piccioni W, Raines E, Gelijns A, Moskowitz A, Rose E, Holman W, Furukawa S, Frazier OH, Dembitsky W. Left ventricular assist devices as destination therapy: a new look at survival. <i>J Thorac Cardiovasc Surg</i> . 2005 Jan; 129(1): 9-17. Erratum in: <i>J Thorac Cardiovasc Surg</i> . 2005 Jun; 129(6): 1464.
Cardiac Surgery	Prasso JE, Berberian G, Cabreriza SE, Quinn TA, Curtis LJ, Rabkin DG, Weinberg AD, Spotnitz HM. Validation of mean arterial pressure as an indicator of acute changes in cardiac output. <i>ASAIO J</i> . 2005 Jan-Feb; 51(1): 22-5.
Cardiac Surgery	Topkara VK, Cheema FH, Kesavaramanujam S, Mercado ML, Cheema AF, Namerow PB, Argenziano M, Naka Y, Oz MC, Esrig BC. Coronary artery bypass grafting in patients with low ejection fraction. <i>Circulation</i> . 2005 Aug 30; 112(9 Suppl): I344-50.
Cardiac Surgery	Topkara VK, Cheema FH, Kesavaramanujam S, Mercado ML, Cheema AF, Namerow PB, Argenziano M, Naka Y, Oz MC, Esrig BC. Coronary artery bypass grafting in patients with low ejection fraction. <i>Circulation</i> . 2005 Aug 30; 112(9 Suppl): I344-50.

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Cardiac Surgery	Xiang G, Schuster MD, Seki T, Witkowski P, Eshghi S, Itescu S. Downregulated expression of plasminogen activator inhibitor-1 augments myocardial neovascularization and reduces cardiomyocyte apoptosis after acute myocardial infarction. <i>J Am Coll Cardiol.</i> 2005 Aug 2;46(3):536-41.
Cardiac Surgery	Xiang G, Seki T, Schuster MD, Witkowski P, Boyle AJ, See F, Martens TP, Kocher A, Sondermeijer H, Krum H, Itescu S. Catalytic degradation of vitamin D up-regulated protein 1 mRNA enhances cardiomyocyte survival and prevents left ventricular remodeling after myocardial ischemia. <i>J Biol Chem.</i> 2005 Nov 25;280(47):39394-402.
Cardiac Surgery	Ziv O, Dizon J, Thosani A, Naka Y, Magnano AR, Garan H. Effects of left ventricular assist device therapy on ventricular arrhythmias. <i>J Am Coll Cardiol.</i> 2005 May 3;45(9):1428-34.
Cardiac Surgery	Topkara VK, Dang NC, John R, Cheema FH, Barbato R, Cavallo M, Liu JF, Liang LM, Liberman EA, Argenziano M, Oz MC, Naka Y. A decade experience of cardiac retransplantation in adult recipients. <i>J Heart Lung Transplant.</i> 2005 Nov;24(11):1745-50.
Cardiac Surgery	Topkara VK, Dang NC, Martens TP, Cheema FH, Liu JF, Argenziano M, Naka Y. Bridging to transplantation with left ventricular assist devices: outcomes in patients aged 60 years and older. <i>J Thorac Cardiovasc Surg.</i> 2005 Sep;130(3):881-2.
Cardiac Surgery	Xydas S, Rosen RS, Pinney S, Hickey KT, Wasserman H, Mancini DM, Naka Y, Oz MC, Bergmann SR, Maybaum S. Reduced myocardial blood flow during left ventricular assist device support: a possible cause of premature bypass graft closure. <i>J Heart Lung Transplant.</i> 2005 Nov;24(11):1976-9.
Cardiac Surgery	Dang NC, Topkara VK, Kim BT, Lee BJ, Remoli R, Naka Y. Nutritional status in patients on left ventricular assist device support. <i>J Thorac Cardiovasc Surg.</i> 2005 Nov;130(5):e3-4.
Cardiac Surgery	Dang NC, Topkara VK, Leacche M, John R, Byrne JG, Naka Y. Left ventricular assist device implantation after acute anterior wall myocardial infarction and cardiogenic shock: a two-center study. <i>J Thorac Cardiovasc Surg.</i> 2005 Sep;130(3):693-8.
Cardiac Surgery	Asai T, Baron HM, von Bayern MP, Sakaguchi T, Arrecubieta C, Cespedes CA, Lee MH, Lowy FD, Marboe CC, Deng MC, Naka Y. A mouse aortic patch model for mechanical circulatory support. <i>J Heart Lung Transplant.</i> 2005 Aug;24(8):1129-32.
Cardiac Surgery	Nifong LW, Chitwood WR, Pappas PS, Smith CR, Argenziano M, Starnes VA, Shah R. Robotic mitral valve surgery: a United States multicenter trial. <i>J Thorac Cardiovasc Surg.</i> 2005 Jun;129(6):1395-404.
Cardiac Surgery	Sakaguchi T, Asai T, Belov D, Okada M, Pinsky DJ, Schmidt AM, Naka Y. Influence of ischemic injury on vein graft remodeling: role of cyclic adenosine monophosphate second messenger pathway in enhanced vein graft preservation. <i>J Thorac Cardiovasc Surg.</i> 2005 Jan;129(1):129-37.
Cardiac Surgery	Spotnitz HM. Optimizing temporary perioperative cardiac pacing. <i>J Thorac Cardiovasc Surg.</i> 2005 Jan;129(1):5-8.
Cardiac Surgery	Berberian G, Quinn TA, Kanter JP, Curtis LJ, Cabreriza SE, Weinberg AD, Spotnitz HM. Optimized biventricular pacing in atrioventricular block after cardiac surgery. <i>Ann Thorac Surg.</i> 2005 Sep;80(3):870-5.
Cardiac Surgery	Chen JM, Glickstein JS, Davies RR, Mercado ML, Hellenbrand WE, Mosca RS, Quaegebeur JM. The effect of repair technique on postoperative right-sided obstruction in patients with truncus arteriosus. <i>J Thorac Cardiovasc Surg.</i> 2005 Mar;129(3):559-68.
Cardiac Surgery	Dang NC, Topkara VK, Mercado M, Kay J, Kruger KH, Aboodi MS, Oz MC, Naka Y. Right heart failure after left ventricular assist device implantation in patients with chronic congestive heart failure. <i>J Heart Lung Transplant.</i> 2006 Jan;25(1):1-6.
Cardiac Surgery	Klotz S, Naka Y, Oz MC, Burkhoff D. Biventricular assist device-induced right ventricular reverse structural and functional remodeling. <i>J Heart Lung Transplant.</i> 2005 Sep;24(9):1195-201.
Cardiac Surgery	Topkara VK, Dang NC, Martens TP, Cheema FH, Liu JF, Liang LM, Cheema AF, Barili F, Oz MC, Naka Y. Effect of diabetes on short- and long-term outcomes after left ventricular assist device implantation. <i>J Heart Lung Transplant.</i> 2005 Dec;24(12):2048-53.
Cardiac Transplant	Xydas S, Yang JK, Burke EM, Chen JM, Addonizio LJ, Mital SR, Itescu S, Hsu DT, Lamour JM. Utility of post-transplant anti-HLA antibody measurements in pediatric cardiac transplant recipients. <i>J Heart Lung Transplant.</i> 2005 Sep;24(9):1289-96.
Cardiac Transplant	Xydas S, Rosen RS, Ng C, Mercado M, Cohen J, DiTullio M, Magnano A, Marboe CC, Mancini DM, Naka Y, Oz MC, Maybaum S. Mechanical unloading leads to echocardiographic, electrocardiographic, neurohormonal, and histologic recovery. <i>J Heart Lung Transplant.</i> 2006 Jan;25(1):7-15.
Cardiol Surgery	Barker PC, Nowak C, King K, Mosca RS, Bove EL, Goldberg CS. Risk factors for cerebrovascular events following fontan palliation in patients with a functional single ventricle. <i>Am J Cardiol.</i> 2005 Aug 15;96(4):587-91.
Cardiology	Boyle AJ, Whitbourn R, Schlicht S, Krum H, Kocher A, Nandurkar H, Bergmann S, Daniell M, O'day J, Skerrett D, Haylock D, Gilbert RE, Itescu S. Intra-coronary high-dose CD34+ stem cells in patients with chronic ischemic heart disease: A 12-month follow-up. <i>Int J Cardiol.</i> 2005 Jun 19;

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Cardiology	Ramasamy R, Yan SF, Schmidt AM. The RAGE axis and endothelial dysfunction: maladaptive roles in the diabetic vasculature and beyond. <i>Trends Cardiovasc Med</i> . 2005 Oct;15(7):237-43.
Cardiology	McKay M, Pinney S, Gorwara S, Burke EM, Sciacca RR, Apfelbaum M, Mancini D, Itescu S, Rabbani LE. Anti-human leukocyte antigen antibodies are associated with restenosis after percutaneous coronary intervention for cardiac allograft vasculopathy. <i>Transplantation</i> . 2005 Jun 15;79(11):1581-7.
Cardiothoracic Surgery	Sukernik MR, Goswami S, Frumento RJ, Oz MC, Bennett-Guerrero E. National survey regarding the management of an intraoperatively diagnosed patent foramen ovale during coronary artery bypass graft surgery. <i>J Cardiothorac Vasc Anesth</i> . 2005 Apr;19(2):150-4.
Clinical Cancer Research	Borczuk AC, Taub RN, Hesdorffer M, Hibshoosh H, Chabot JA, Keohan ML, Alsberry R, Alexis D, Powell CA. P16 loss and mitotic activity predict poor survival in patients with peritoneal malignant mesothelioma. <i>Clin Cancer Res</i> . 2005 May 1;11(9):3303-8.
Colorectal Surgery	Ambardar S, Arnell TD, Whelan RL, Nihalani A, Forde KA. A preliminary prospective study of the usefulness of a magnetic endoscope locating device during colonoscopy. <i>Surg Endosc</i> . 2005 Jul;19(7):897-901.
Colorectal Surgery	Kirman I, Cekic V, Poltoratskaia N, Sylla P, Jain S, Forde KA, Whelan RL. Open surgery induces a dramatic decrease in circulating intact IGFBP-3 in patients with colorectal cancer not seen with laparoscopic surgery. <i>Surg Endosc</i> . 2005 Jan;19(1):55-9.
Colorectal Surgery	Kirman I, Whelan RL, Jain S, Nielsen SE, Seidelin JB, Nielsen OH. Insulin-like growth factor binding protein 3 in inflammatory bowel disease. <i>Dig Dis Sci</i> . 2005 Apr;50(4):780-4.
Curr Surg	Bae JO, Widmann WD, Hardy MA. Cameron Haight: pioneer in the treatment of esophageal atresia. <i>Curr Surg</i> . 2005 May-Jun;62(3):327-9.
General Surgery	McGinty JJ, Hogle NJ, McCarthy H, Fowler DL. A comparative study of adhesion formation and abdominal wall ingrowth after laparoscopic ventral hernia repair in a porcine model using multiple types of mesh. <i>Surg Endosc</i> . 2005 Jun;19(6):786-90.
General Surgery	Setny P, Geller M. Refinement of X-ray data on dual cosubstrate specificity of CK2 kinase by free energy calculations based on molecular dynamics simulation. <i>Proteins</i> . 2005 Feb 15;58(3):511-7.
General Surgery	Duffy AJ, Hogle NJ, McCarthy H, Lew JI, Egan A, Christos P, Fowler DL. Construct validity for the LAPSIM laparoscopic surgical simulator. <i>Surg Endosc</i> . 2005 Mar;19(3):401-5.
General Surgery	Comeau E, Gagner M, Inabnet WB, Herron DM, Quinn TM, Pomp A. Symptomatic internal hernias after laparoscopic bariatric surgery. <i>Surg Endosc</i> . 2005 Jan;19(1):34-9.
General Surgery	Strong VE, Hogle NJ, Fowler DL. Efficacy of Novel Robotic Camera vs a Standard Laparoscopic Camera. <i>Surg Innov</i> . 2005 Dec;12(4):315-8.
General Surgery	Feingold DL, Caliendo FJ, Chinn BT, Notaro JR, Oliver GC, Salvati EP, Wilkins KB, Eisenstat TE. Does hemodynamic instability predict positive technetium-labeled red blood cell scintigraphy in patients with acute lower gastrointestinal bleeding? A review of 50 patients. <i>Dis Colon Rectum</i> . 2005 May;48(5):1001-4.
General Surgery	Greenberg J, Arnell TD. Diverticular abscess presenting as an incarcerated inguinal hernia. <i>Am Surg</i> . 2005 Mar;71(3):208-9.
General Surgery	Carter JJ, Feingold DL, Wildbrett P, Oh A, Kirman I, Asi Z, Stapleton G, Huang E, Fine RL, Whelan RL. Significant reduction of laparotomy-associated lung metastases and subcutaneous tumors after perioperative immunomodulation with flt3 ligand in mice. <i>Surg Innov</i> . 2005 Dec;12(4):319-25.
General Surgery	Ziring D, Tran R, Edelstein S, McDiarmid SV, Gajjar N, Cortina G, Vargas J, Renz JF, Cherry JD, Krogstad P, Miller M, Busuttill RW, Farmer DG. Infectious enteritis after intestinal transplantation: incidence, timing, and outcome. <i>Transplantation</i> . 2005 Mar 27;79(6):702-9.
General Surgery	Allendorf JD, Bessler M, Huang J, Kayton ML, Laird D, Nowygrad R, Treat MR. Helium-neon laser irradiation at fluences of 1, 2, and 4 J/cm ² failed to accelerate wound healing as assessed by both wound contracture rate and tensile strength. <i>Lasers Surg Med</i> . 1997;20(3):340-5.
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Renal Transplantation	Crew RJ, Ratner LE. Overcoming immunologic incompatibility: transplanting the difficult to transplant patient. <i>Semin Dial.</i> 2005 Nov-Dec;18(6):474-81.
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