

Medicine Residency Program
Published Articles: 2005-Current

1. **Lipinski MJ**, Biondi-Zoccai GGL, Abbate A, Khianey R, Sheiban I, Bartunek J, Vanderheyden M, Kim HS, Kang HJ, Strauer BE, Vetrovec GW. Impact of intracoronary cell therapy on left ventricular function in the setting of acute myocardial infarction: a collaborative systematic review and meta-analysis of controlled clinical trials. *J Am Coll Cardiol* 2007;50:1761-7.
2. **Helms AS**, West JJ, Patel A, Mounsey JP, Dimarco JP, Mangrum JM, Ferguson JP. Real-time Rotational ICE Imaging of the Relationship of the Ablation Catheter Tip and the Esophagus During Atrial Fibrillation Ablation. *J Cardiovasc Electrophysiol*. Sept 4, 2008.
3. Patel AR, Fatemi O, Norton PT, West JJ, **Helms AS**, Kramer CM, Ferguson JD. Cardiac cycle-dependent left atrial dynamics: Implications for catheter ablation of atrial fibrillation. *Heart Rhythm*. 2008 Jun;5(6):787-93.
4. **Cauthen CA**, **Lipinski MJ**, Abbate A, Appleton D, Nusca A, Varma A, Goudreau E, Cowley MJ, Vetrovec GW. Relation of blood urea nitrogen to long-term mortality in patients with heart failure. *Am J Cardiol*. 2008 Jun 1;101(11):1643-7. Epub 2008 Apr 9.
5. **Cauthen CA** and Donowitz GR. Bilateral Diabetic Muscle Infarction complicated by rhabdomyolysis. *UVa Jour of Med*. 2008 Jan(2):1-5.
6. Lipinski SE, **Lipinski MJ**, Wilson WG. Genetic testing and primary care. *JAMA*. 2008 May 21;299(19):2274-5; author reply 2275-6. No abstract available.
7. Abbate A, **Lipinski MJ**. Drug-eluting stents vs. coronary-artery bypass grafting. *N Engl J Med*. 2008 Jun 12;358(24):2642; author reply 2643-4.
8. **Demazumder D**, Dilger JP. The kinetics of competitive antagonism of nicotinic acetylcholine receptors at physiological temperature. *J Physiol*. 2008 Feb 15;586(4):951-63.
9. **Lipinski MJ**, Briley-Saebo KC, Mani V, Fayad ZA. "Positive contrast" inversion-recovery with oxide nanoparticles-resonant water suppression magnetic resonance imaging: a change for the better? *J Am Coll Cardiol*. 2008 Aug 5;52(6):492-4.
10. **Lipinski MJ**, Biondi-Zoccai GG, Abbate A, Khianey R, Sheiban I, Bartunek J, Vanderheyden M, Kim HS, Kang HJ, Strauer BE, Vetrovec GW. Impact of intracoronary cell therapy on left ventricular function in the setting of acute myocardial infarction: a collaborative systematic review and meta-analysis of controlled clinical trials. *J Am Coll Cardiol*. 2007 Oct 30;50(18):1761-7. Epub 2007 Oct 15.
11. **Kadl A**, Pontiller J, Exner M, Leitinger N. Single bolus injection of bilirubin improves the clinical outcome in a mouse model of endotoxemia. *Shock*. 2007 Nov;28(5):582-8.
12. Gruber F, Oskolkova O, Leitner A, Mildner M, Mlitz V, Lengauer B, **Kadl A**, Mrass P, Krönke G, Binder BR, Bochkov VN, Leitinger N, Tschachler E. Photooxidation generates biologically active phospholipids that induce heme oxygenase-1 in skin cells. *J Biol Chem*. 2007 Jun 8;282(23):16934-41. Epub 2007 Apr 20.
13. Leonarduzzi G, Gamba P, Gargiulo S, Sottero B, **Kadl A**, Biasi F, Chiarpotto E, Leitinger N, Vendemiale G, Serviddio G, Poli G. Oxidation as a crucial reaction for cholesterol to induce tissue degeneration: CD36 overexpression in human promonocytic cells treated with a biologically relevant oxysterol mixture. *Aging Cell*. 2008 Jun;7(3):375-82.

14. Krönke G, **Kadi A**, Ikonomu E, Blüml S, Fürnkranz A, Sarembock IJ, Bochkov VN, Exner M, Binder BR, Leitinger N. Expression of heme oxygenase-1 in human vascular cells is regulated by peroxisome proliferator-activated receptors. *Arterioscler Thromb Vasc Biol.* 2007 Jun;27(6):1276-82.
15. **Kohli A**, Bushen OY, Pinkerton RC, Houpt E, Newman RD, Sears CL, Lima AA, Guerrant RL. *Giardia duodenalis* assemblage, clinical presentation and markers of intestinal inflammation in Brazilian children. *Trans R Soc Trop Med Hyg.* 2008 Jul;102(7):718-25. Epub 2008 May 16.
16. Parr JB, Sevilleja JE, Samie A, Alcantara C, Stroup SE, **Kohli A**, Fayer R, Lima AA, Houpt ER, Guerrant RL. Detection and quantification of *Cryptosporidium* in HCT-8 cells and human fecal specimens using real-time polymerase chain reaction. *Am J Trop Med Hyg.* 2007 May;76(5):938-42. Erratum in: *Am J Trop Med Hyg.* 2007 Jul;77(1):200.
17. Kahaleh M, Behm B, Clarke BW, **Brock A**, Shami VM, De La Rue SA, **Sundaram V**, Tokar J, Adams RB, Yeaton P. Temporary placement of covered self-expandable metal stents in benign biliary strictures: a new paradigm? (with video). *Gastrointest Endosc.* 2008 Mar;67(3):446-54.
18. Northup PG, **Sundaram V**, Fallon MB, Reddy KR, Balogun RA, Sanyal AJ, Anstee QM, Hoffman MR, Ikura Y, Caldwell SH; Coagulation in Liver Disease Group. Hypercoagulation and thrombophilia in liver disease. *J Thromb Haemost.* 2008 Jan;6(1):2-9. Epub 2007 Sep 24.
19. Kahaleh M, **Sundaram V**, Condron SL, De La Rue SA, Hall JD, Tokar J, Friel CM, Foley EF, Adams RB, Yeaton P. Temporary placement of covered self-expandable metallic stents in patients with biliary leak: midterm evaluation of a pilot study. *Gastrointest Endosc.* 2007 Jul;66(1):52-9.
20. **Winchester DE**, Guilliams K. A purpuric rash and mononeuritis multiplex. *Am Fam Physician.* 2008 Feb 15;77(4):501-2.
21. **Winchester DE**, Holstege C. Inclusion of patients who overdose with dihydropyridine calcium channel blockers would potentially increase clinical utility of hyperglycemia. *Crit Care Med.* 2008 Feb;36(2):662; author reply 662-3.
22. **Winchester DE**, Jacob A, Murphy T. Omalizumab for asthma. *N Engl J Med.* 2006 Sep 21;355(12):1281-2.
23. **Kim HN**, Vorona RD, Winn MP, Doviak M, Johnson DA, Ware JC. Symptoms of gastro-oesophageal reflux disease and the severity of obstructive sleep apnoea syndrome are not related in sleep disorders center patients. *Aliment Pharmacol Ther.* 2005 May 1;21(9):1127-33.
24. **Joffy S**, Rosner MH. Natriuretic peptides in ESRD. *Am J Kidney Dis.* 2005 Jul;46(1):1-10.
25. **Harmon RC**, Kiningham KK, Valentovic MA. Pyruvate reduces 4-aminophenol in vitro toxicity. *Toxicol Appl Pharmacol.* 2006 Jun 1;213(2):179-86.
26. Valentovic M, Ball JG, Rogers BA, Meadows MK, **Harmon RC**, Moles J. Cephaloridine in vitro toxicity and accumulation in renal slices from normoglycemic and diabetic rats. *Fundam Appl Toxicol.* 1997 Aug;38(2):184-90.
27. **Harmon RC**, Terneus MV, Kiningham KK, Valentovic M. Time-dependent effect of p-aminophenol (PAP) toxicity in renal slices and development of oxidative stress. *Toxicol Appl Pharmacol.* 2005 Nov 15;209(1):86-94.
28. DeBenedet AT, Berg CL, **Enfield KB**, Woodford RL, Bennett AK, Northup PG. A case of vanishing bile duct syndrome and IBD secondary to Hodgkin's lymphoma. *Nat Clin Pract Gastroenterol Hepatol.* 2008 Jan;5(1):49-53.
29. **Enfield KB**, Hoke G. Discontinuity of care: further thoughts on standardized processes. *J Hosp Med.* 2007 Mar;2(2):115-6; author reply 116-7.

30. **Winchester DE, Lipinski MJ**, Cupp ME, Sifri CD. Not Always a Contaminant. Am J Med. In Press.
31. Click JM, Kripalani S, **Lipinski MJ**, Townsend GC. Pancytopenia and Troponin Elevation Secondary to Ehrlichiosis Infection: A Case Report and Review of the Literature. University of Virginia Journal of Medicine. In Press.

Sample Abstracts and Presentations for National Meetings:

1. **Lipinski MJ**. Statins and white blood cell count predict mortality in patients with ischemic left ventricular dysfunction undergoing percutaneous coronary intervention. 13th World Congress on Heart Disease. Vancouver, Canada 2007.
2. **Helms, AS**. Left Atrial Volume From 3-dimensional CT Correlates With Atrial Fibrillation Recurrence Following Ablation. Abstract presented at the AHA's Scientific Session. 2007.
3. **Cauthen CA**, Lipinski MJ, Abbate A, Appleton D, Nusca A, Varma A, Goudreau E, Cowley MJ, Vetrovec GW. . Statin Therapy Improves Long-Term Outcome in Patients with Reduced Renal Function and Left Ventricular Dysfunction Undergoing Percutaneous Coronary Intervention. Abstract presented at the AHA's Scientific Session.
4. **Ahmed, F**. Extracellular Renal Cyclic GMP is Required for Nitric Oxide-Induced Natriuresis in Rats. 2006.
5. **Kennedy JLW**, DCY Chua, WK Brix, JM Dent. Actinomycotic endocarditis of the eustachian valve. 2008.
6. **Park, J**. An intact microtubulin network is required for cGMP transport in the rat kidney. Abstract presented at the AHA's Council for High Blood Pressure Research Conference Oct 2007.
7. **Park J**, Kemp BA, Howell NL, Gildea JJ, Keller SR, Carey RM. Intact microtubules are required for natriuretic response to nitric oxide and increased renal perfusion pressure. Hypertension 2008; Jan 2 epub.
8. **Champaneri S, Taylor S**, Klibanov AR, Lindner JR. Gene-loading of targeted microbubbles does not adversely influence binding efficiency. 2005.
9. **Adam S Helms**, James P Hummel, J Michael Mangrum, J Paul Mounsey, John P DiMarco, John D Ferguson. A Prospective Evaluation of Side-by-Side 3D Images Added to Non-Fluoroscopic Mapping of the Left Atrium: Effect on Spatial Resolution and Procedure Time. American Heart Association, Supplement to Circulation. Vol 112, No 17.
10. West, HF, **Sundaram, V**, Caldwell, SH. The Prevalence of Spur Cell Anemia in Hospitalized Cirrhotics and its relationship to Coagulation, Hemolysis and HDL Cholesterol. American College of Gastroenterology Annual Scientific Meeting Abstract. 2006.