

East Tennessee State University

Digital Commons @ East Tennessee State University

Quillen College of Medicine Scholarly Activity Report

6-30-2017

2016-2017 Department of Internal Medicine Scholarly Activity Report

Quillen College of Medicine, East Tennessee State University

Follow this and additional works at: <https://dc.etsu.edu/qcom-scholarly-activities>



Part of the [Medical Education Commons](#)

Recommended Citation

Quillen College of Medicine, East Tennessee State University, "2016-2017 Department of Internal Medicine Scholarly Activity Report" (2017). *Quillen College of Medicine Scholarly Activity Report*. 44. <https://dc.etsu.edu/qcom-scholarly-activities/44>

This Report is brought to you for free and open access by Digital Commons @ East Tennessee State University. It has been accepted for inclusion in Quillen College of Medicine Scholarly Activity Report by an authorized administrator of Digital Commons @ East Tennessee State University. For more information, please contact digilib@etsu.edu.

EAST TENNESSEE STATE UNIVERSITY
QUILLEN COLLEGE OF MEDICINE

SUMMARY OF SCHOLARLY ACTIVITIES

Department of Internal Medicine
July 2016 - June 2017

I. PUBLICATIONS

Journal Publications

1. Arts RJ, Novakovic B, Ter HR, Carvalho A, Bekkering S, Lachmandas E, Rodrigues F, Silvestre R, Cheng SC, Wang SY, et al. Glutaminolysis and Fumarate Accumulation Integrate Immunometabolic and Epigenetic Programs in Trained Immunity. *Cell Metab* 2016 Dec 13;24(6):807-19. PMID 27866838
2. Aziz SW, Aziz MH. Protective molecular mechanisms of resveratrol in UVR-induced Skin carcinogenesis. *Photodermatol.Photoimmunol. Photomed.* 2017 Aug 2. PMID 28767162
3. Bader G, Puzanov I, Chakraborty K. Thyroid nodule: not as clear-cut as it seems. *J.Community Support. Oncol.* 2016 Jan;14(1):45-8.PMID 28670842
4. Bhatheja S, Panchal HB, Barry N, Mukherjee D, Uretsky B, Paul TK. Valvular Performance and Aortic Regurgitation Following Transcatheter Aortic Valve Replacement Using Edwards valve versus CoreValve for Severe Aortic Stenosis: A Meta-analysis. *Cardiovasc Revasc Med* 2016 Jun;17(4):248-55. PMID 26948087.
5. Bhatheja S, Panchal HB, Ventura H, Paul TK. Obesity Cardiomyopathy: Pathophysiologic Factors and Nosologic Reevaluation. *Am.J.Med.Sci.* 2016 Aug;352(2):219-22. PMID 27524223
6. Bhattad VB, Bowman JN, Panchal HB Paul TK. High-Output Heart Failure Contributing to Recurrent Epistaxis Kiesselbach Area Syndrome in a Patient With Hereditary Hemorrhagic Telangiectasia. *J Investig Med High Impact Case* 2017 Feb. 1;5(1):2324709617692833. PMID 2821642
7. Bhogal S, Ladia V, Sitwala P, Albalbissi K, Paul T. Isolated Ventricular Noncompaction Cardiomyopathy Presenting as Recurrent Syncope. *Case Rep Med.* 2016;2016:3742171. PMID 28105050
8. Bhogal S. Tenofovir-Induced Fanconi Syndrome Presenting as Hypokalemic Periodic Paralysis. *Am.J.Ther.* 2016 Aug 29. PMID 27574926
9. Bhogal S, Ladia V, Sitwala P, Bajaj K, Ramu V, Paul T. Broken Heart Syndrome in a Patient on Maintenance Hemodialysis. *J Investig Med High Impact Case Rep.* 2017 Jun 12;5(2):2324709617713512. PMID 28638839
10. Boonpheng B, Murtaza G, Ginn D. Spontaneous Tumor Lysis Syndrome in a Patient with Metastatic Small Cell Lung Cancer: A Case Report. *Case.Rep.Oncol.* 2017 Jan;10(1):392-5. PMID 28559826

11. Bossaer JB, Geraci SA, Chakraborty K. Cardiovascular Toxicity and Management of Targeted Cancer Therapy. *Am.J.Med.Sci.* 2016 May;351(5):535-43. PMID 271407715
12. Bossaer JB, Chakraborty K. Drug interaction between idelalisib and diazepam resulting in altered mental status and respiratory failure. *J.Oncol.Pharm.Pract.* 2017 Sep;23(6):470-2. PMID 27231113
13. Burchette JE, Campbell GD, Geraci SA. Preventing Hospitalizations From Acute Exacerbations of Chronic Obstructive Pulmonary Disease. *Am J Med Sci.* 2017 Jan;353(1):31-40. PMID 28104101
14. Chang F, Liu J, Fu H, Wang J, Li F, Yue H, Li W, Zhao J, Yin D. GSK-3beta promotes PA-induced apoptosis through changing beta-arrestin 2 nucleus location in H9c2 cardiomyocytes. *Apoptosis.* 2016 Sep;21(9):1045-55. PMID 27431999
15. Chaudhari D, Madani MA, Balbissi Md KA, Paul TK. Lupus Myocarditis Presenting as Life-threatening Overt Heart Failure: A Case Report with Review of Cardiovascular Manifestations of Systemic Lupus Erythematosus. *J.La State Med.Soc.* 2015 Sep;167(5):220-2. PMID 27159597
16. Devani K, Patil N, Simons-Linares CR, Patel N, Jaiswal P, Patel P, Patel S, Savani C, Sajnani K, Young M, et al. Trends in Hospitalization and Mortality of Venous Thromboembolism in Hospitalized Patients With Colon Cancer and Their Outcomes: US Perspective. *Clin.Colorectal Cancer* 2017 Sep;16(3):e199-e204. PMID 27777043
17. Downey SM, Geraci SA. Manuscript Development and Publishing: A 5-Step Approach. *Am.J.Med.Sci.* 2017 Feb;353(2):132-6. PMID 28183413
18. Floyd SR, Pierce DM, Geraci SA. Preventive and Primary Care for Lesbian, Gay and Bisexual Patients. *Am.J.Med.Sci.* 2016 Dec;352(6):637-43. PMID 27916220
19. Gangadharan V, Sivagnanam K, Murtaza G, Ponders M, Teixeira O, Paul T. Anomalous Origin of the Left Coronary Artery From the Pulmonary Artery: An Uncommon Coronary Anomaly With Serious Implications in Adulthood. *J.Investig.Med.High Impact.Case.Rep.* 2017 Jan;5(1):2324709616684629. PMID 28210637
20. Geraci SA, Thigpen SC. A Review of Mentoring in Academic Medicine. *Am.J.Med.Sci.* 2017 Feb;353(2):151-7. PMID 28183416
21. Geraci SA. Introduction. *Am J Med Sci* 2017 Feb;353(2):95. doi 10.1016/j.amjms.2016.12.020. PMID 28183426
22. Geraci SA, Thigpen SC. Tenure and the Faculty Physician. *Am.J.Med.Sci.* 2017 Feb;353(2):145-50. PMID 28183415
23. Gonzalez-Estrada A, Geraci SA. Allergy Medications During Pregnancy. *Am.J.Med.Sci.* 2016 Sep;352(3):326-331. PMID 27650241
24. Gorniewicz J, Floyd M, Krishnan K, Bishop TW, Tudiver F, Lang F. Breaking bad news to patients with cancer: A randomized control trial of a brief communication skills training module incorporating the stories and preferences of actual patients. *Patient.Educ.Couns.* 2017 Apr;100(4):655-66. PMID 27676220

25. Gunter BR, Butler KA, Wallace RL, Smith SM, Harirforoosh S. Non-steroidal anti-inflammatory drug-induced cardiovascular adverse events: a meta-analysis. *J.Clin.Pharm.Ther.* 2017 Feb;42(1):27-38. PMID 28019014
26. Gyamlani G, Headley CM, Naseer A, Valaulikar GS, Geraci SA. Primary Aldosteronism: Diagnosis and Management. *Am.J.Med.Sci.* 2016 Oct;352(4):391-8. PMID 27776721
27. Ibrahim M, Nunley DL. Two Catastrophes in One Patient: Drug Reaction with Eosinophilia and Systemic Symptoms and Toxic Shock Syndrome. *Cureus.* 2017 Jun 15;9(6):e1359. PMID 28721327
28. Jaiswal P, Attar BM, Yap JE, Devani K, Jaiswal R, Wang Y, Szynekarek R, Patel D, Demetria M. Acute liver failure with amiodarone infusion: A case report and systematic review. *J.Clin.Pharm.Ther.* 2017 Jul 16. PMID 28714083
29. Jaiswal P, Yap JE, Attar BM, Wang Y, Devani K, Jaiswal R, Basu A, Mishra S. Massive Asymptomatic Extrahepatic Portal Vein Aneurysm. *Am.J.Med.* 2017 Sep;130(9):e383-e386. PMID 28454904
30. Jbara M, Bhogal S, Bajaj K, Chhabra L. Abciximab-induced delayed profound thrombocytopenia. *BMJ Case.Rep.* 2017 Jun 2;2017. PMID 278576909
31. Ji,X.; Xu,J.; Ning,S.; Li,N.; Tan,L.; Shi,S. Cometabolic Degradation of Dibenzofuran and Dibenzothiophene by a Naphthalene-Degrading Comamonas sp. JB. *Curr Microbiol.* 2017 Aug 18. PMID 28821932
32. Karakattu, S.; Murtaza, G.; Dinesh, S.; Sivagnanam, K.; Schoondyke, J.; Paul, T. Supersized Atheroma Causing Acquired Coarctation of Aorta Leading to Heart Failure. *J Investig Med High Impact Case Rep.* 1; 5(1):2324709616689477. eCollection 2017 Jan-Mar. PMID 28203578
33. Kassaby SS, Hicks A, Leicht S, Youngberg GA. Bullous Pemphigoid: Use of C4d Immunofluorescent Staining in a Case With Repeated Negative Conventional Direct Immunofluorescence Studies. *Am.J.Dermatopathol.* 2017 Jun 20. PMID 28654468
34. Ladia V, Panchal HB, ONeil TJ, Sitwala P, Bhatheja S, Patel R, Ramu V, Mukherjee D, Mahmud E, Paul TK. Incidence of Renal Failure Requiring Hemodialysis Following Transcatheter Aortic Valve Replacement. *Am.J.Med.Sci.* 2016 Sep;352(3):306-13. PMID 27650237
35. Lavine SJ, Al BK. Adverse Cardiac Events and the Impaired Relaxation Left Ventricular Filling Pattern. *J.Am.Soc.Echocardiogr.* 2016 Jul;29(7):699-708. PMID 27004828
36. Lewis PO, Litchfield JM, Tharp JL, Garcia RM, Pourmorteza M, Reddy CM. Risk and Severity of Hospital-Acquired Clostridium difficile Infection in Patients Taking Proton Pump Inhibitors. *Pharmacotherapy* 2016 Sep;36(9):986-93. PMID 27455386
37. Lewis PO, Khan I, Patel P. Successful stepdown treatment of pulmonary histoplasmosis with thrice-weekly liposomal amphotericin B in a hospital-associated, outpatient infusion centre: A case report. *J.Clin.Pharm.Ther.* 2017 Aug 14. PMID 288806478
38. Li BR, Liao Z, Du TT, Ye B, Chen H, Ji JT, Zheng ZH, Hao JF, Ning SB, Wang D, et al. Extracorporeal shock wave lithotripsy is a safe and effective treatment for pancreatic stones coexisting with pancreatic pseudocysts. *Gastrointest.Endosc.* 2016 Jul;84(1):69-78. PMID 26542375

39. Li Y, Ozment T, Wright GL, Peterson JM. Identification of Putative Receptors for the Novel Adipokine CTRP3 Using Ligand-Receptor Capture Technology. *PLoS.One.* 2016;11(10):e0164593. PMID 27727322
40. Mamudu HM, Paul TK, Wang L, Veeranki SP, Panchal HB, Alamian A, Sarnosky K, Budoff M. The effects of multiple coronary artery disease risk factors on subclinical atherosclerosis in a rural population in the United States. *Prev.Med.* 2016 Jul;88:140-6. PMID 27090918
41. Mamudu HM, Paul TK, Wang L, Veeranki SP, Panchal HB, Alamian A, Budoff M. Association Between Multiple Modifiable Risk Factors of Cardiovascular Disease and Hypertension among Asymptomatic Patients in Central Appalachia. *South Med J.* 2017 Feb; 110(2):90-96 PMID 28158877
42. McClure C, McPeak MB, Youssef D, Yao ZQ, McCall CE, El GM. Stat3 and C/EBPbeta synergize to induce miR-21 and miR-181b expression during sepsis. *Immunol.Cell Biol.* 2017 Jan;95(1):42-55. PMID 27430527
43. McPeak MB, Youssef D, Williams DA, Pritchett C, Yao ZQ, McCall CE, El GM. Myeloid Cell-Specific Knockout of NFI-A Improves Sepsis Survival. *Infect.Immun.* 2017 Apr;85(4). PMID 28167668
44. Miller J, Leicht S. Pregabalin in the treatment of red scrotum syndrome: a report of two cases. *Dermatol.Ther.* 2016 Jul;29(4):244-8. PMID 27087168
45. Moore CA, Khalid MF, Patel PD, Goldstein JS. *Aeromonas salmonicida* Bacteremia Associated with Chronic Well Water Consumption in a Patient with Diabetes. *J.Glob.Infect.Dis.* 2017 Apr;9(2):82-4. PMID 28584462
46. Murtaza G, Rahman ZU, Sitwala P, Ladia V, Barad B, Albalbissi K, Paul TK, Ramu V. Case of Acute ST Segment Elevation Myocardial Infarction in Infective Endocarditis-Management with Intra Coronary Stenting. *Clin.Pract.* 2017 Jun 7;7(3):950. PMID 28626545
47. Murtaza G, Khalid MF, Mungo NA. Recurrent Pantoprazole-Associated Pancreatitis. *Am.J.Ther.* 2017 Feb 28. PMID 28282309
48. Murtaza G, Virk HUH, Khalid M, Rahman Z, Sitwala P, Schoondyke J, Al-Balbissi K. Role of Speckle Tracking Echocardiography in Dilated Cardiomyopathy: A Review. *Cureus.* 2017 Jun 20;9(6):e1372. PMID 28744419
49. Olive KE, Kwasigroch TE, Wooten DJ, Lybrand C, Peebles CR. A Career Exploration Program: An Effective Alternative to the Traditional Use of Faculty Advisors. *Acad.Med.* 2016 Nov;91(11):1530-3. PMID 27144992
50. Olive KE, Abercrombie CL. Developing a physician's professional identity through medical education. *Am J Med Sci.* 2017; 353:101-108. PMID 28183408
51. Panchal HB, Veeranki SP, Bhatheja S, Barry N, Mahmud E, Budoff M, Lavine SJ, Mamudu HM, Paul TK. Fractional flow reserve using computed tomography for assessing coronary artery disease: a meta-analysis. *J.Cardiovasc.Med.(Hagerstown.)* 2016 Sep;17(9):694-700. PMID 27472038

52. Panchal HB, Daggubati R, Zhao D, Rao SV, Paul T. Polymer-Free Drug-Coated Coronary Stents in Patients with Stable Coronary Artery Disease at High Bleeding Risk. *Curr.Cardiol.Rep.* 2017 Feb;19(2):12. PMID 28185168
53. Patel ND, Chakraborty K, Messmer G, Krishnan K, Bossaer JB. Severe sunitinib-induced myelosuppression in a patient with a CYP 3A4 polymorphism. *J.Oncol.Pharm.Pract.* 2017 Jan 1;1078155217724863. PMID 28782406
54. Rahman ZU, Murtaza G, Pourmorteza M, El Minaoui WK, Sethi P, Mamdouhi P, Paul T. Cardiac Arrest as a Consequence of Air Embolism: A Case Report and Literature Review. *Case.Rep.Med.* 2016;2016:8236845. PMID 28003829
55. Rahman ZU, Sethi P, Murtaza G, Virk HUH, Rai A, Mahmud M, Schoondyke J, Albalbissi K. Feature tracking cardiac magnetic resonance imaging: A review of a novel non-invasive cardiac imaging technique. *World J.Cardiol.* 2017 Apr 26;9(4):312-9. PMID 28515849
56. Ren JP, Zhao J, Dai J, Griffin JW, Wang L, Wu XY, Morrison ZD, Li GY, El GM, Ning SB, et al. Hepatitis C virus-induced myeloid-derived suppressor cells regulate T-cell differentiation and function via the signal transducer and activator of transcription 3 pathway. *Immunology* 2016 Aug;148(4):377-86. PMID 27149428
57. Ren JP, Ying RS, Cheng YQ, Wang L, El GM, Li GY, Ning SB, Moorman JP, Yao ZQ. HCV-induced miR146a controls SOCS1/STAT3 and cytokine expression in monocytes to promote regulatory T-cell development. *J.Viral Hepat.* 2016 Oct;23(10):755-66. PMID 27004559
58. Ren JP, Wang L, Zhao J, Wang L, Ning SB, El GM, Moorman JP, Yao ZQ. Decline of miR-124 in myeloid cells promotes regulatory T-cell development in hepatitis C virus infection. *Immunology* 2017 Feb;150(2):213-20. PMID 27753084
59. Sanchez-Borges M, Cardona V, Worm M, Lockey RF, Sheikh A, Greenberger PA, Ansotegui IJ, Ebisawa M, El-Gamal Y, Fineman S, Geller M, Gonzalez-Estrada A, Tanno L, Thong B. In-flight allergic emergencies. *World Allergy Journal*, 2017 May 4;10(1):15. doi: 10.1186/s40413-017-0148-1. eCollection 2017. PMID 28496564
60. Sankhyan P, Gonzalez-Estrada A. Mixed Essential Cryoglobulinemia. *Mayo Clin.Proc.* 2017 May;92(5):854. PMID 28483046
61. Sethi P, Murtaza G, Sharma A, Paul T. ST Segment Elevation with Normal Coronaries. *Case.Rep.Med.* 2016;2016:3132654. PMID 27403165
62. Sethi P, Murtaza G, Rahman Z, Zaidi S, Helton T, Paul T. Valvular Hemolysis Masquerading as Prosthetic Valve Stenosis. *Cureus.* 2017 Apr 8;9(4):e1143. PMID 28491484
63. Sethi P, Panchal H, Rahman Z, Forrest T, Paul TK. Breathless; at the point of a sword: a case report. *N Am J Med Sci* 2016; 8 (1): 61-64. PMID: 27011949.
64. Sethi P, Panchal H, Veeranki SP, Mamudu H, Rahman, Z, Paul TK. Diagnostic value of non-invasive computed tomography perfusion imaging for assessing hemodynamically significant native

coronary artery lesion: A meta-analysis. *Am J Med Sci.* 2017 Sep;354(3):291-298. doi: 10.1016/j.amjms.2017.03.016. Epub 2017 Mar 12. Review. PMID: 28918837

65. Singh B, Treece JM, Murtaza G, Bhatheja S, Lavine SJ, Paul TK. Aortic Dissection in a Healthy Male Athlete: A Unique Case with Comprehensive Literature Review. *Case.Rep.Cardiol.* 2016;2016:6460386. PMID 27738530
66. South M, Layne A, Stuart CA, Triplett NT, Ramsey M, Sands W, Mizuguchi S, Hornsby G, Kavanaugh A, Stone MH. Effects Of Short-Term Free-Weight And Semi-Block Periodization Resistance Training On Metabolic Syndrome. *J Strength Cond Res* 30(10): 2682-2696, 2016. PMID 27465635
67. Stone WL, Schetzina K, Stuart C. Childhood obesity: a systems medicine approach. *Front Biosci.(Landmark.Ed)* 2016 Jun 1;21:1061-75. PMID 27100491
68. Stone WL, Klopfenstein KJ, Hajianpour MJ, Popescu MI, Cook CM, Krishnan K. Childhood cancers and systems medicine. *Front Biosci.(Landmark.Ed)* 2017 Mar 1;22:1148-61. PMID 28199197
69. Stuart CA, Brannon MF, Stone WL, Stone MH. Reply to "Letter to the editor: Comments on Stuart et al. (2016): 'Myosin content of individual human muscle fibers isolated by laser capture microdissection'". *Am.J.Physiol Cell Physiol* 2016 Dec 1;311(6):C1050-C1051. PMID 27956414
70. Stuart CA, Lee ML, South MA, Howell ME, Cartwright BM, Ramsey MW, Stone MH. Pre-Training Muscle Characteristics of Subjects Who Are Obese Determine How Well Exercise Training Will Improve Their Insulin Responsiveness. *J.Strength.Cond.Res.* 2017 Mar;31(3):798-808. PMID 27379957
71. Thigpen SC, Geraci SA. Cancer Screening 2016. *Am.J.Med.Sci.* 2016 Nov;352(5):493-501.PMID 27865297
72. Treece J, Chemchirian H, Hamilton N, Jbara M, Gangadharan V, Paul T, Baumrucker SJ. A Review of Prognostic Tools in Heart Failure. *Am J Hosp Palliat Care* 2017 Jan 1. PMID 28554221
73. Wang L, Zhao J, Ren JP, Wu XY, Morrison ZD, Elgazzar MA, Ning SB, Moorman JP, Yao ZQ. Expansion of myeloid-derived suppressor cells promotes differentiation of regulatory T cells in HIV-1+ individuals. *AIDS* 2016 Jun 19;30(10):1521-31. PMID 26959508
74. Wang L, Zhao J, Ren J, Hall KH, Moorman JP, Yao ZQ, Ning S. Protein phosphatase 1 abrogates IRF7-mediated type I IFN response in antiviral immunity. *Eur.J.Immunol.* 2016 Oct;46(10):2409-19. PMID 27469204
75. Wang L, Wang Y, Zhao J, Ren J, Hall KH, Moorman JP, Yao ZQ, Ning S. The Linear Ubiquitin Assembly Complex Modulates Latent Membrane Protein 1 Activation of NF-kappaB and Interferon Regulatory Factor 7. *J.Virol.* 2017 Feb 15;91(4). PMID 27903798
76. Wang L, Ren J, Li G, Moorman JP, Yao ZQ, Ning S. LMP1 signaling pathway activates IRF4 in latent EBV infection and a positive circuit between PI3K and Src is required. *Oncogene* 2017 Apr 20;36(16):2265-74. PMID 27819673

77. Wang Z, Shen Y, Ning S, Ito Y, Liu P, Tang Z, Fujita T, Hirata A, Chen M. Chemical Selectivity at Grain Boundary Dislocations in Monolayer Mo1-xWxS2 Transition Metal Dichalcogenides. *ACS Appl Mater Interfaces* 2017 Sep 6;9(35):29438-29444. PMID 28819970
78. Wu X, Dong Z, Wang CJ, Barlow LJ, Fako V, Serrano MA, Zou Y, Liu JY, Zhang JT. FASN regulates cellular response to genotoxic treatments by increasing PARP-1 expression and DNA repair activity via NF-kappaB and SP1. *Proc.Natl.Acad.Sci.U.S.A* 2016 Oct 24. PMID 27791122
79. Yan H, Li H, Denney J, Daniels C, Singh K, Chua B, Stuart C, Caudle Y, Hamdy R, LeSage G, et al. beta-arrestin 2 attenuates cardiac dysfunction in polymicrobial sepsis through gp130 and p38. *Biochem.Biophys.Rep.* 2016 Sep;7:130-7. PMID 27957549
80. Yi W, Zhang P, Liang Y, Zhou Y, Shen H, Fan C, Moorman JP, Yao ZQ, Jia Z, Zhang Y. T-bet-mediated Tim-3 expression dampens monocyte function during chronic hepatitis C virus infection. *Immunology* 2017 Mar;150(3):301-11. PMID 27809352
81. Zheng Z, Ma H, Zhang X, Tu F, Wang X, Ha T, Fan M, Liu L, Xu J, Yu K, et al. Enhanced Glycolytic Metabolism Contributes to Cardiac Dysfunction in Polymicrobial Sepsis. *J.Infect.Dis.* 2017 May 1;215(9):1396-406. PMID 28368517
82. Zhou Y, Li GY, Ren JP, Wang L, Zhao J, Ning SB, Zhang Y, Lian JQ, Huang CX, Jia ZS, et al. Protection of CD4+ T cells from hepatitis C virus infection-associated senescence via DeltaNp63-miR-181a-Sirt1 pathway. *J.Leukoc.Biol.* 2016 Nov;100(5):1201-11. PMID 27354409

Books or Chapters

1. William Stone, Victoria Palau, Koyamangalath Krishnan. A systems medicine approach to the role of vitamins in protecting the gastrointestinal tract from oxidative stress. In: 1st Edition, *Oxidative Stress and Dietary Antioxidants*, Editors Jordi Gracia-Sancho M. Salvadó, ISBN: 9780128053775 Academic Press, 24th May 2017
2. Mehta, J. *The Mahatma and the Doctor*. Published by Vakil Feffer and Simons, Bombay, August 2016 Translation: original author: Dr. Ram Mahtotra
3. Jay B. Mehta, Asim K. Dutt. *Epidemiology and Host Factors*. Microbiology Spectrum, ASMscience.org/MicrobiolSpectrum. Published Dec. 23, 2016.
4. Patel B, Desai S, Patel P, Kirschke D, Byrd R, Roy T., Mehta J. *Cost Analysis: Delayed Diagnosis of a case of INH Resistant TB* (in press)

II. PUBLISHED PAPERS, ABSTRACTS AND/OR POSTER PRESENTATIONS

1. Bader G, Al-Tarawneh M, Pourmorteza M, Shams W. A 78-year-old male with painful erythematous skin lesions on the lower extremity. *Int J Infect Dis.* 2016 Jul;48:32.
2. Balagoni H., Bhogal S.S., Koppurapu V., Young M. A rare case of systemic diffuse b-cell lymphoma presenting as pancreatitis. *Appalachian Student Research Forum* 2017, Johnson City, TN

3. Balagoni H., Chaudhari D., Goenka P., Young M. Incidental finding of appendiceal mucocele on colonoscopy. *Appalachian Student Research Forum 2017*, Johnson City, TN.
4. Balagoni H., Chaudhari D., Swenson J., Young M. Esophageal Pseudodiverticulosis: Uncommon Cause of Dysphagia in Patient with Candidiasis *Am J Gastroenterol* 111: S1330-S1339; doi:10.1038/ajg.2016.395
5. Balagoni H., Crosnoe-Shipley L., Lightner J., Stone W., Palau V., Krishnan K. Effects of metformin and gamma-tocopherol on cytotoxicity and synergy in HCT-116 and Caco-2 colon cancer cells. *Appalachian Student Research Forum 2017*, Johnson City, TN
6. Balagoni H., Gabriel J., Mando R., Phemister J., Carter L., Young M. A case of Diffuse Large B-Cell Lymphoma in a patient with Ulcerative Colitis. *American Journal of Gastroenterology* 111: S810-S846; doi:10.1038/ajg.2016.370
7. Balagoni H., Koppurapu V., Devani K., Alkawaleet Y., Brahmabhatt P., Srinath M., Parks M., Young M. Pneumatosis coli secondary to eosinophilic colitis: A rare entity. *Appalachian Student Research Forum 2017*, Johnson City, TN.
8. Balagoni H., Onweni C., Phemister J., Chaudhari D., Srinath M., Young M. A Rare Case of Mixed Adeno-Neuroendocrine Carcinoma of Pancreas. *Southern Society of General Internal Medicine Meeting 2017*, New Orleans, LA
9. Balagoni. Mando R., Chaudhari D., Swenson J., Young M. Abdominal Epilepsy: A rare cause of paroxysmal abdominal symptoms associated with epilepsy. *American Journal of Gastroenterology* 111: S807-S810; doi:10.1038/ajg.2016.369
10. Bentley N, McAfee A, El Abbassi A, Youssef D, "An Unusual Cause for Post-Tracheostomy Subglottic Stenosis. *Chest* 2016;150 (4S):184A. doi:10.1016/j.chest.2016.08.193.
11. Bhatheja S, Panchal HB, Barry N, Rahman, Z, Ramu V, Paul TK. Measurement of lumen dimensions in non-stented and stented coronary arteries: A meta-analysis of frequency domain optical coherence tomography versus intravascular ultrasound. *Cardiovascular Quality and Outcomes* 2015;8:A367
12. Bhatheja S, Panchal HB, Rahman Z, Barry N, Ramu V, Paul TK. Post-procedural new onset atrial fibrillation in patients undergoing transcatheter aortic valve implantation versus surgical aortic valve replacement for severe aortic stenosis: A meta-analysis. *Circulation: Cardiovascular Quality and Outcomes* 2015;8:A153
13. Bhatheja S, Singh B, Panchal HB, Paul TK. Comparison of mortality and major adverse cardiovascular events in saphenous vein graft intervention with embolic protection device versus without embolic protection device: A Meta-Analysis. *Catheter Cardiovasc Interv* April 2016, 87(Suppl S2):S28, A-018).
14. Bhogal S, Josan E, Ladia V, Sitwala P, Paul TK. Broken heart syndrome in a patient with maintenance hemodialysis. *J Investig Med* 2017,65:393-659, page 428.

15. Bhogal S, Panchal H, Merrick D, Paul TK. An unusual case of intramural hematoma following percutaneous coronary intervention. *J Am Coll Cardiol* March 2017;69(11):2423; DOI: 10.1016/S0735-1097(17)35812-6.
16. Bhogal S, Panchal H, Merrick D, Paul TK. An unusual case of intramural hematoma following percutaneous coronary intervention. *J Investig Med* 2017,65:393-659, page 428.
17. Bhogal S, Sitwala P, Ladia V, Merrick D, Ramu V. A Rare Case of Rupture of Sinus of Valsalva Into Right Atrium *Journal of the American College of Cardiology* 69(11):2422 March 2017 DOI: 10.1016/S0735-1097(17)35811-4
18. Bijjula R, Jaishankar D, Chakraborty K. "Recurrent Breast Cancer: Enough to break your heart?" *Journal of Investigative Medicine* February 2017;
19. Bijjula R, Jaishankar D, Chakraborty K; Recurrent Breast Cancer: Enough to break your heart? Southern Society of Clinical Investigation 2017 Annual conference.
20. Bijjula R, Khalaf R, Jaishankar D, "Tailored treatments in Non-Small Cell Lung Cancer in the targeted therapy era" *Journal of Investigative Medicine* February 2017.
21. Boonpheng B, Murtaza G, Ginn D. Spontaneous Tumor Lysis Syndrome in a Patient with Metastatic Small Cell Lung Cancer: A Case Report. *Apr* 27;10(1):392-395. doi: 10.1159/000474937. eCollection 2017 Jan-Apr.
22. Bukowski,LA; Blosnich,J; Shipherd,JC; Kauth,MR; Brown,GR; Gordon,A.J. Exploring Rural Disparities in Medical Diagnoses Among Veterans With Transgender-related Diagnoses Utilizing Veterans Health Administration Care. *Med Care*. 2017 Sep. 55 Suppl 9 Suppl 2:S97-S103
23. Chakraborty K et al, Editing author of 'Chronic Myelogenous Leukemia Treatment Protocol for Medscape. January 2017 update
24. Cross K, Palau V, Brannon M, Lightner J, Dycus M, Stone W, Krishnan K: Abstract 3568: Delta-tocotrienol and simvastatin induce cytotoxicity and synergy in BRAF mutant SK-MEL-28 but not in wild type BRAF SK-MEL-2 melanoma cancer cells. *Cancer Research* 07/2016; 76(14 Supplement):3568-3568., DOI:10.1158/1538-7445.AM2016-3568
25. Devani K, Chaudhari D, Patel P, Goenka P, Young M, Endoscopic Management of Pancreatic Pseudocyst Presenting with Jaundice; *J Investig Med* 2016; 64:534. Doi: 10.1136/jim-2015-0000
26. Devani K, Patil N; Savani C; Patel; Chaudhari D, Young M., Reddy C, Decreasing Mortality in Patients With Cirrhosis Hospitalized With Spontaneous Bacterial Peritonitis: Analysis of Nationwide Inpatient Sample; Accepted for DDW2016, AASLD research forum, San Diego, CA
27. Devani K.; Charilaou P.; John F.; Young, M.; Reddy C. Acute Pancreatitis: Trends in Outcomes and The Role of Acute Kidney Injury in Mortality; *Digestive Disease Week* 2017, Chicago
28. Elmezayen R, Youssef D. "Aspergillus aortitis: A case with near-complete occlusion of the brachial artery and large ascending aortic mycotic pseudoaneurysm in an immunocompetent

patient.” *Journal of Bacteriology and Mycology* (2016) Volume 3(4). 00073.
DOI:10.15406/jbmoa.2016.03.00073

29. Gabriel J., Balagoni H., Kapila A., Bajaj K., Young M. Visceral Angioedema: A Rare Complication of ACE Inhibitors Causing Chronic Diarrhea. *Am Journal of Gastroenterology* 111: S971-S1076; doi:10.1038/ajg.2016.374
30. Gentles JA, Hornsby WG, Coniglio CL, Dotterweich AR, Miller JA, Stuart CA, Stone MH. Cell free DNA as a marker of training status in weightlifters. *Biol. Sport* 34: 287-294, 2017.
31. Hannan A., Pourmorteza M., Ahmed. U., Young M. GIST: Characteristics, Survival, and Response Rates: A Low to Middle-Income Country. *Am J Gastroenterol.* 2016 Oct, 111: 415-416
32. McClure C, McPeak M, Youssef D, McCall C, Elgazzar M. *Immunol Cell Biol* 2017 January; 95(1):42-55. Doi:10.1038/icb.2016.63
33. Moka N, Khalaf R, Stanfill, K. Chakraborty MD, Jaishankar D. “Etoposide and Cytarabine (EC): An effective non anthracycline induction regimen for 1st line treatment of Acute Myeloid Leukemia” *Journal of Investigative Medicine* February 2017.Appalachian Student Research Forum 2017, Johnson City, TN (FIRST PRIZE)
34. Moka N, Reddy D, Stanfill C, Jaishankar D. “A rare case of therapy related Chronic Myelo Leukemia” *Journal of Investigative Medicine* February 2017;
35. Moore CA, Palau V, Lightner J, Brannon M, Stone W, Krishnan K. Precision prostate cancer chemoprevention with gamma-tocotrienol. *Journal of Clinical Oncology* 2017 35:15_suppl, e13043-e13043 DOI: 10.1200/JCO.2017.35.15_suppl.e13043 *Journal of Clinical Oncology* 35, no. 15_suppl
36. Murtaza G, Gangadharan V, Sivagnanam K, Ponder M, Teixeira H, Paul TK. Anomalous origin of the left coronary artery from pulmonary artery. *J Investig Med* 2017,65:393-659, page 435.
37. Murtaza G, Jbara M, Bentley N, Paul TK. In-transit right ventricular thrombus: A sign of impending doom. *J Investig Med* 2017,65:393-659, page 430.
38. Murtaza G, Karakattu S, Sharma D, Sivagnanam K, Schoondyke, Paul TK. Acquired coarctation of aorta leading to heart failure. *J Investig Med* 2017,65:393-659, page 407.
39. Ning S, Wang L. Inactivation of type I IFN Jak-STAT pathway in EBV latency. *J. Can. Biol. Treat.* 2016. 3: 009.
40. Pai V., Nguyen K., Balagoni H., Locke A., Swenson J., Young M. Recurrent Pneumonia of Unknown Etiology: A Difficult Diagnosis to Swallow. *Southern Society of General Internal Medicine Meeting* 2017, New Orleans, LA
41. Panchal HB, Barry N, Bhatheja S, Ramu V, Paul TK, Lavine SJ. Requirement of permanent pacemaker placement and incidence of left bundle branch block in patients undergoing transcatheter aortic valve implantation: A meta-analysis of Edwards SAPIEN valve versus Medtronic CoreValve. *J Am Coll Cardiol* 2015;65(10S):A1933

42. Panchal HB, Bhatheja S, Paul TK. Not all thrombotic appearing lesions are really thrombotic. *J Invasive Cardiol* 2016;28(9):C3-22, E-82-E119.
43. Panchal HB, Bhatheja, Paul TK. Not all thrombotic appearing lesions are really thrombotic. *Complex Cardiovascular Catheter Therapeutics (C3) International Global Summit*. June 2016. Orlando, FL.
44. Panchal HB, Bhattad V, Murtaza G, Bhatheja S, Paul TK. Mortality and Major Adverse Cardiovascular Events of Polymer Free versus Polymer Based Drug Eluting Stents: A Meta-Analysis of Randomized Controlled Trials. *Transcatheter Cardiovascular Therapeutic (TCT) Scientific Conference*, Washington DC 2016.
45. Panchal HB, Bhattad V, Murtaza G, Bhatheja S, Paul TK. Mortality and Major Adverse Cardiovascular Events of Polymer Free versus Polymer Based Drug Eluting Stents: A Meta-Analysis of Randomized Controlled Trials. *J Am Coll Cardiol* 2016; 68(18S):B192.
46. Panchal HB, Zheng S, Abusara A, Mogusu E, Paul TK. National Trend in Hospitalization Cost for In-patient Single Vessel Percutaneous Coronary Intervention in Patients with and without Diabetes Mellitus in the United States: An Analysis from Nationwide Inpatient Sample from 2006-2011. *Transcatheter Cardiovascular Therapeutic (TCT) Scientific Conference*, Washington DC 2016.
47. Panchal HB, Zheng S, Abusara A, Mogusu E, Paul TK. National Trend in Hospitalization Cost for In-patient Single Vessel Percutaneous Coronary Intervention in Patients with and without Diabetes Mellitus in the United States: An Analysis from Nationwide Inpatient Sample from 2006-2011. *J Am Coll Cardiol* 2016; 68(18S):B111.
48. Patel A, Panchal H, Zheng S, Abusara A, Mogusu E, Paul TK. National Trend in Total Charges for Multivessel Percutaneous Coronary Intervention in Patients with Diabetes Mellitus in the United States: Nationwide Inpatient Sample from 2006 to 2011. *American College of Cardiology Scientific Session*, Washington DC, March 2017.
49. Patel A, Panchal H, Zheng S, Abusara A, Mogusu E, Paul TK. National Trend in Total Charges for Multivessel Percutaneous Coronary Intervention in Patients with Diabetes Mellitus in the United States: Nationwide Inpatient Sample from 2006 to 2010. *J Am Coll Cardiol* March 2017;69(11):1150.
50. Patel N, Cook E, Chakraborty K, Jaishankar D. "Angioimmunoblastic T cell Lymphoma: A lesser known EBV associated lymphoma" *Journal of Investigative Medicine* February 2017;
51. Pourmorteza M, Murtaza G, Mamdouhi P, Rahman Z, Paul TK. Cardiac arrest as a consequence of air embolism status post CT guided lung biopsy. *J Investig Med* 2016, 64(3) 823.
52. Pourmorteza M., Bhavsar R., Phemister J., Young M.. Appendicitis Disguised as Multiple Liver Abscess. *Am J Gastroenterol*. 2016 Oct, 111: 415-416
53. Pourmorteza M., Chaudhari D., Young M. Splenic Hematoma: An Uncommon Complication of Routine Colonoscopy. *Am J Gastroenterol*. 2016, Oct; 111;689:

54. Pourmorteza M., Bansal A., Chaudhari D., Young M. PPI and False-positive THC Screen: False Positive Equal False Allegation. *Am J Gastroenterol*. 2016, Oct;111;1134
55. Reddy D, Kassaby S, Chakraborty K, Jaishankar D. "Complete response of Thymic seminoma treated with Cisplatin Etoposide doublet" *Journal of Investigative Medicine* February 2017
56. Rose A, Wann D, Lightner J, Brannon M, Stone W, Palau V, Krishnan K: Abstract 3567: Metformin suppresses synthesis of pro-survival sphingolipid, sphingosine-1-phosphate, by inhibition of sphingosine kinase-1, in MCF-7 and SK-BR-3 breast cancer cell lines. *Cancer Research* 07/2016; 76(14 Supplement):3567-3567., DOI:10.1158/1538-7445.AM2016-3567
57. Sethi P, Bhogal S, Taha Y, Papireddy M, Ramu V, Paul TK. A Rare Cause Of Syncope *Journal of the American College of Cardiology* 69(11):2313 March 2017 DOI: 10.1016/S0735-1097(17)35702-9
58. Sethi P, Bhogal S, Taha Y, Papireddy M, Ramu V, Paul TK. Deglutition- a rare cause of syncope. *American College of Cardiology Scientific Session, Washington DC, March 2017.*
59. Sethi P, Bhogal S, Taha Y, Papireddy M, Ramu V, Paul TK. Deglutition- a rare cause of syncope. *J Am Coll Cardiol* March 2017;69(11):2313; DOI:10.1016/S0735-1097(17)35702-9.
60. Sethi P, Murtaza G, Khalid M, Paul TK. A rapidly progressing native coronary artery to an aneurysm due to distal coronary to ventricular fistula- causing anginal chest pain. *BJMMR* 2017;9(10):1-4.
61. Sethi P, Paul TK, Helton T. Valvular hemolysis masquerading as prosthetic valve stenosis. *American College of Cardiology TN Chapter Meetings 2016, Nashville.*
62. Singh B, Treece J, Bhatheja S, Sivagnanam M, Lavine S, Paul TK. Anabolic steroid induced aortic dissection in an otherwise healthy young male. *Appalachian Student Research Forum 2016.* This abstract awarded recognition by AGA
63. Treece J, Jbara M, Bhattad V, Sivagnanam K, Paul TK. Causes and prevention of hospital readmissions secondary to myocardial infarction: Trends and recommendations. *Appalachian Student Research Forum, Johnson City, April 11-12, 2017.*
64. Ugoeke N, Panchal H, Taha Y, Paul TK. In-hospital Mortality in Percutaneous Coronary Stenting of Bifurcation versus Non-Bifurcation Lesions in Acute ST-Elevation Myocardial Infarction. *American College of Cardiology Scientific Session, Washington DC, March 2017.*
65. Ugoeke N, Panchal H, Taha Y, Paul TK. In-hospital Mortality in Percutaneous Coronary Stenting of Bifurcation versus Non-Bifurcation Lesions in Acute ST-Elevation Myocardial Infarction. *J Am Coll Cardiol* 2017;69(11):1144; DOI:10.1016/S0735-1097(17)34533-3.
66. Youssef D, Molony K. "Staphylococcus aureus Bacteremia in Adults." *Staphylococcus aureus* book. Intech 2016.
67. Zaidi S, Al Madani M, El -Khoury G, Khraisha O, Murtaza G, Paul TK. Methadone and prolonged QT syndrome. *Southern Society for Clinical Investigation, Southern Regional Meeting, New Orleans 2017.*

68. Zaidi S, Al Madani M, El -Khoury G, Khraisha O, Murtaza G, Paul TK. Methadone and prolonged QT syndrome. *J Investig Med* 2017, 65:393-659, page 431.
69. Zaidi S, Khan A, Panchal H, Paul TK. Ultrasound assisted thrombolysis versus catheter directed thrombolysis: A meta-analysis. *American Heart Association/Atherosclerosis, Thrombosis and Vascular Biology*, Minneapolis, May 2017.
70. Zaidi S, Khan A, Panchal H, Paul TK. Ultrasound assisted thrombolysis versus catheter directed thrombolysis: A meta-analysis. *Atherosclerosis, Thrombosis and Vascular Biology Scientific Sessions* May 2017, abstract 523, page 247.
71. Zaidi SM, Tawadros F, Jbara M, Murtaza G, Ginn D. Invokamet Induced Ketoacidosis. *Journal of Investigative Medicine* Vol 65 Issue 2 Case 126
72. Charilaou P, Devani K, John F, Young M Reddy C. Clostridium Difficile: Trends in Outcomes and Influence of Organ Failure on Mortality; 4th Annual Digestive Diseases New Advances, Philadelphia This poster was awarded as best poster.
73. Devani K.; Charilaou P.; Jaiswal P.; Karakattu S.; Patel P.; Young M.; Reddy C. Teaching Hospitals are not Associated with Higher Rates of Post-Endoscopic Retrograde Cholangiopancreatography (ERCP) Pancreatitis; *Digestive Disease Week 2017*, Chicago
74. Hidalgo DF, Onweni C, Zhang M, Phemister J, Srinath M, Young M. Splenic Vein Thrombosis in a Young Male with Alcohol Dependence. February 2017 Southeastern Regional
75. Hidalgo DF, Zhang M, Phemister J, Swenson J, Young M. Chronic Abdominal Wall Pain: An Easy Diagnosis that Saves Unnecessary Expenses. February 2017 Southeastern Regional
76. Zhang, Michael; Hidalgo, Diego Fernando; Phemister, Jennifer; Srinath, Manoj; Young, Mark Fundic Gland Polyposis: Relation to Chronic Antacid Use and Risks of Cancer. February 2017 Southeastern Regional
77. Zhang, Michael; Hidalgo, Diego Fernando; Phemister, Jennifer; Srinath, Manoj; Swenson, James; Young, Mark. Pseudomelanosis Duodeni: Relation with End Stage Renal Disease and Use of Antihypertensive Medications February 2017 Southeastern Regional
78. Harika B, Gabriel J, Mando R, Phemister J, Carter L, Young M. A Case of Diffuse Large B-cell Lymphoma of Colon in a Patient with Ulcerative Collitis ACG 2016 Las Vegas, Nevada
79. Balagoni H, Mando, Chaudhari D, Swenson, Young M. Abdominal Epilepsy: A rare cause of paroxysmal abdominal symptoms associated with epilepsy. ACG 2016, Las Vegas, NV
80. Balagoni H., Gabriel J., Mando R., Phemister J., Carter L., Young M. A case of Diffuse Large B-Cell Lymphoma in a patient with Ulcerative Colitis. ACG 2016, Las Vegas, NV.

III. EDITORIALS, WEB PAGES, LETTERS, WHITE PAPERS, Other (Non-Peer-Reviewed)

1. Geraci SA, McGowan KR. Point-Counterpoint: Pass/fail grading is superior to letter or numerical grading for medical students. *Academic Internal Medicine Insight*. 2017;15(2), in press.
2. Geraci SA. Guest Editor's Symposium Introduction: Medical Education and Educators. *Am J Med Sci*. 2017 Feb;353(2):95. PMID 28183426.
3. Geraci SA. Clinician Educators: *Southern Society for Clinical Investigation* web site www.ssciweb.org/clinician-educators-php. Uploaded Aug 2016.
4. Geraci SA. Medical Grand Rounds: Cornerstone or Fossil? Opinion and Commentary. *Academic Internal Medicine Insight*. 2016;14(1):15-16.

IV. INVITED PRESENTATIONS

1. **Paul TK.** A rare case of large coronary perforation post stenting without any hemodynamic compromise. Cardiovascular Innovation Conference, August 2017, Denver, CO.
2. **Paul TK.** Saphenous vein graft intervention- how to optimize results? Complex Cardiovascular Catheter Therapeutics (C3), June 2017, Orlando, FL
3. **Paul TK.** Role of embolic protection device in saphenous vein graft PCI, is it time to revisit guidelines? Cardiovascular Research Technologies, February 2017, Washington DC.
4. **Paul TK.** Basics of research, methodology and types of analysis. Cardiology Grand Round, BSM Post Graduate Medical University, Dhaka, Bangladesh, December 2016.
5. **Paul TK.** Introduction to research, writing manuscript and journal submission. Cardiology CME Conference, National Institute of Cardiovascular Diseases, Dhaka, Bangladesh, January 2017.
6. **Paul TK.** Coronary dissections with no flow in left coronary system- how to tackle? Complex Cardiovascular Catheter Therapeutics (C3), June 2016, Orlando, FL

V. PEER REVIEW

William Stone, Victoria Palau Koyamangalath Krishnan, Chapter title: A systems medicine approach to the role of vitamins in protecting the gastrointestinal tract from oxidative stress. In: 1st Edition Oxidative Stress and Dietary Antioxidants, Editors Jordi Gracia-Sancho M. Salvadó, ISBN: 9780128053775 Academic Press, 24th May 2017

VI. OTHER

None

VII. VISITING PROFESSORS

None

VIII. EXTRAMUAL FUNDING

Grant # EAIN-4411 Co-Lead Investigator: Timir Paul

06/2017-05/2019

Patient Centered Outcomes Research Institute (PCORI)

Project: Developing a research hypothesis to prevent and control cardiovascular diseases in central Appalachia

Awarded \$250,000.00

RDC Major Grant 18-001M (Ling Wang) 07/01/2017-06/30/2018

ETSU

Inhibition of DNA repair enzyme ATM by viral infection

To investigate the mechanisms of DNA repair enzyme ATM (ataxia telangiectasia-mutated protein) inhibition occur during viral infection.

Role: Principal Investigator

Total costs: \$10,000.00

“Role of hematopoietic stem progenitor cells in stress-induced apoptosis”

NIH

Principal Investigator: Deling Yin

Agency: NIH/NIGMS

Period: 04/01/2015 – 03/31/2018

The major goals of this project are to 1) define the role of hematopoietic stem progenitor cells (HSPCs) in stress-induced immune suppression; 2) investigate the effect of HSPCs on IL-4-mediated apoptotic signaling following stress.

Role: PI

Total: \$338,539.

“Role of Toll-Like Receptor 4 Signaling in Stress-Induced Lymphocyte Apoptosis”

NIH

Principal Investigator: Deling Yin

Agency: NIH/NIGMS

Period: 09/01/2011 – 08/31/2016

The overall goal of these studies is to elucidate the mechanism(s) underlying Toll-like receptor 4 mediated lymphocyte apoptosis.

Role: PI

Total: \$321,200

Pending Research Projects:

“Synthesis and Evaluation of TLR Inhibitors to Reduce Opioid Dependence”

NIH

Principal Investigator: Deling Yin

Agency: NIH/NIDA

Period: 04/01/2012 - 03/31/2017

The long-term goal of the current application is to investigate the role of TLRs in opioid dependence for developing novel approaches for the prevention of opioid dependence.

Total: \$1,642,500

Status: To be revised.

Role: PI

“Role of Opioids in TLR9-Mediated Immune Responses”

NIH

Agency: NIH/NIDA

Principal Investigator: Deling Yin

Period: 04/01/2014 - 03/31/2017

The long-term goal of the current application is to investigate the role of Toll-like receptor 9 in opioid-induced immune responses for developing novel approaches for the prevention and treatment of opioid drug abuse.

Role: PI

Status: To be revised.

Total: \$438,000

Scored grant applications in 2016-2017

1R15DE027314-01 (Shunbin Ning) 07/01/2017-06/30/2020 NIH
LIMD1 Is a Novel Marker Associated with IRF4 in EBV Latency and Lymphoma

To investigate the regulation and role of the LIM-domain-containing protein LIMD1 in LMP1 signaling transduction and oncogenesis.

Role: Co-Principal Investigator (30% efforts)

Total costs: \$444,000.00; Direct costs: \$300,000.00

Score: 20

1R15DE026399-01A1 (Shunbin Ning) 04/01/2017-03/31/2020 NIH
Targeting IRF4 in AIDS-related Viral Lymphomas

To investigate the regulation and role of IRF4 in EBV-associated lymphomas

Role: Principal Investigator (20% efforts)

Total costs: \$444,000.00; Direct costs: \$300,000.00

Score: 30

1R15DE026126-01A1 (Shunbin Ning) 10/01/2016-09/30/2019 NIH
Linear ubiquitination and LMP1-mediated oncogenesis

To investigate the role of LUBAC-triggered linear ubiquitination in LMP1 signaling and oncogenesis.

Role: Principal Investigator (20% efforts)

Total costs: \$444,000.00; Direct costs: \$300,000.00

NIH

Score: 28

Ongoing Grants

NIH/NIDDK R01DK09526: PI – Yao, John 04/01/2012 - 03/31/2018 NIH
Title: Tim-3-mediated IL-12 dysregulation in antiviral responses to HCV infection
Total Costs: \$1.4 million
Co PI: Moorman, Jonathan

NIH/NIAID R01 R01AI114748 PI – Yao, John 12/01/2014 - 11/30/2019 NIH
Title: miR181a-mediated premature T cell aging in vaccine failure in viral infection
Total Cost: \$1,825,000
Co PI: Moorman, Jonathan

NIH/NIAID R15: PI – Moorman, Jonathan 05/01/2015 - 04/30/2018 NIH
Title: The role of microRNAs in premature T cell aging during HIV infection
Co PI: Yao, John

VA Merit Review Award INFA-016-15S.PI – Yao, John 04/01/2016 - 03/31/2020
Premature T cell aging and vaccine failure in chronic viral infection
Co PI: Moorman, Jonathan