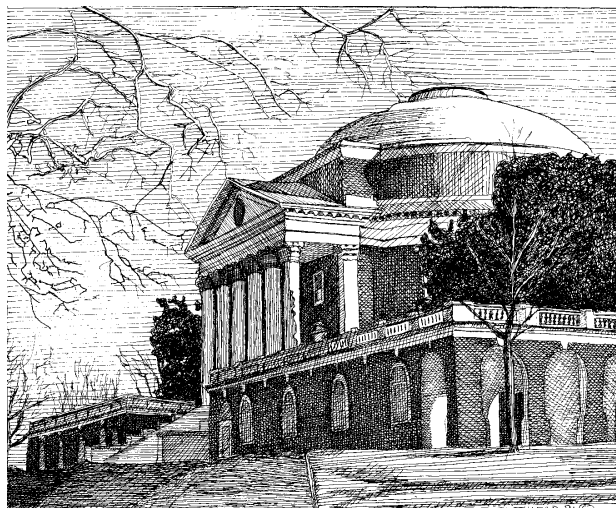


**UNIVERSITY OF VIRGINIA**  
**Department of Medicine**

***CAREY ♦ MARSHALL ♦ THORNER***  
***Research & Scholars' Day***  
***2016***



**Wednesday, May 11, 2016**  
**Jordan Hall Conference**  
**Center**  
**12:00 – 5:30 p.m.**

# PROGRAM



**12:00 p.m. Medical Grand Rounds**

**“The human oncogenic pathogen underlying Kaposi’s sarcoma: Its early cellular targets and molecular strategies to persist”**

**Dean H. Kedes, PhD, MD**

**Professor**

**Department of Microbiology, Immunology and Cancer Biology**

**Department of Medicine, Infectious Diseases**

**And International Health**

**Director, UVA Medical Scientist Training Program**

**1:00 p.m. Break**

**1:15 p.m. Oral presentations**

**2:30 p.m. Break**

**2:45 p.m. Oral presentations**

**4:00 p.m. Poster Presentation Session (Judging to occur)**

- Posters 1-34      Jordan 2ABC**
- Posters 35-63      Jordan Meeting Room 1**
- Posters 64-95      Jordan G 1 & 2**

**4:15 p.m. A Reception will be held outside of Jordan Hall Auditorium (1<sup>st</sup> floor), during the Poster Session**

**5:30 p.m. Awards will be held inside of the Jordan Auditorium**

# Oral Presentations

(The name of the presenter is underlined)

- 1:15 **Vasopressin use in critically ill cirrhosis patients with catecholamine-resistant septic shock: The CVICU cohort.**  
Myc L, Stine J, Chakrapani R, Kadl A, Argo C
- 1:30 **Patients Treated with Fecal Microbiota Transplantation for Recurrent Clostridium difficile Infection Report an Improvement in Their Quality of Life.**  
Chaplain A, Hays A, Kolling G, Vance S, Warren C, Guerrant R, Archbald-Pannone L
- 1:45 **Brain Endothelial Cells take up Glucagon-like Peptide 1 (GLP-1) via GLP-1 Receptors and Protein Kinase A(PKA) signaling.**  
Fu Z, Gray S, Aylor K, Barrett E, Liu Z
- 2:00 **Trial in Progress: Sonorheometry to Predict Thrombotic Risk in Patients with Solid Tumors**  
McLoughlin E, Ferrante E, Viola F, Hall R, Maitland H
- 2:15 **Adipose Triglyceride Lipase in Macrophages Modulates Response to Pseudomonas Aeruginosa**  
Desmett A, Tundup S, Jayaguru P, Kadl A
- 2:30 **BREAK**
- 2:45 **Plasma Biomarkers of Interstitial Lung Disease in Hermansky-Pudlak Syndrome**  
Fortier S, Burdick M, Mehrad B
- 3:00 **Cost Analysis of Heart Failure Readmission Intervention Program**  
Welch T, Bilchick K, Reigle N, Lawlor B, Thomas S, Bergin J, Kennedy J, Abuannadi M, Scully K, Mazimba S
- 3:15 **Assessing Influence of Community Health Workers on the Rural Patient Population in Limpopo Province, South Africa**  
Aktan I, Dillingham R
- 3:30 **Endothelial Sphingosine 1-Phosphate Receptor (s1p1) Is Necessary for Recovery from Ischemia-Reperfusion Injury (IRI) and Prevention of Fibrosis**  
Perry H, Bajwa A, Ye H, Huang L, Lynch K, Okusa M
- 3:45 **High Frequency QRS Analysis (HF-QRS) has Incremental Diagnostic Accuracy over ST-Segment Analysis Alone for the Detection of Myocardial Ischemia**  
Balfour P, Gonzalez J, Shaw P, Pérez M, Izarnotegui V, Watson D, Beller G, Bourque J

# Poster Presentations

(The name of the primary author is underlined)

## Jordan 2ABC

Posters 1 - 34

### *Cardiovascular Medicine*

- 1. Assessing influence of community health workers on the rural patient population in Limpopo Province, South Africa**  
Aktan I, Dillingham R
- 2. Regulation of Post Ischemic Angiogenesis by Dual Specificity Phosphatase 5**  
Ayalew D, Daneshmand A, Quatara H, Chen L, Dokun A
- 3. Activation Mapping of Ventricular Ectopy: Characterization of a Threshold Value Predicting Successful Catheter Ablation**  
Camnitz W, Bilchick K, Dimarco J, Driver K, Ferguson J, Mangrum J, Malhotra R, Mason P, Darby A.
- 4. Differences in Point of Care Testing of the Activated Clotting Time Have Significant Implications for Ablation Procedures**  
Dresen W, Schmidt P, Nagrajan V, Murphy M, Mealor A, Darby A, Malhotra R, Bilchick K, Mason P, Mangrum M, DiMarco J, Ferguson J
- 5. Quantitative Dynamic Contrast-Enhanced Magnetic Resonance Imaging (MRI) for the Evaluation of Calf Muscle Perfusion at Peak Exercise**  
Gonzalez J, Cui S, Yang Y, Shaw P, Van Houten M, Balfour P, Salerno M, Meyer C, Epstein F, Kramer C
- 6. Cardiac MR imaging parameters including T1 mapping and extracellular volume are reliable and reproducible imaging biomarkers in hypertensive heart disease.**  
Gottbrecht M, Shaw P, Gonzalez J, Kramer C, Keeley E, Salerno M
- 7. Pulmonary Artery Pulsatility: Potential Prognostic Marker in Pulmonary Hypertension due to Left Heart Failure**  
Holland E, Smith L, Mejia-Lopez E, Shaw P, Salerno M, Kennedy J
- 8. Quantitative CMR Stress Perfusion Imaging with Whole Heart Coverage Can Detect Obstructive Coronary Artery Disease.**  
Holland E, Shaw P, Balfour P, Gonzalez J, Yang Y, Kramer C, Salerno M
- 9. Reducing Heart Failure Hospital Readmissions with Rapid Clinic Follow-up**  
Lawlor B, Mazima S, Reigle N, Welch T, Kennedy J, Bergin J, Abuannadi M, Scully K, Craig T, Bilchick K

10. **The Effects of Reducing Radiation Exposure and Contrast Use in Pre-TAVR Evaluation by Computed Tomography Angiography (CTA): A Quality Improvement Project**  
Loffler A, Gonzalez J, Holland E, Kramer C, Salerno M, Norton P, Hagspiel K, Balfour P, Shaw P
11. **Association of Systolic Blood Pressure with the Presence of Coronary Collaterals in Patients with Non- ST Elevation Myocardial Infarction**  
Loguidice M, Keeley E
12. **Diastolic Pulmonary Gradient and Outcomes in Group 1 Pulmonary Hypertension (Analysis of the NIH Primary Pulmonary Hypertension Registry)**  
Mejia-Lopez E, Mazimba S, Black G, Welch T, Kennedy J, Bergin J, Tallaj J, Abuannadi M, Mihalek A, Bilchick K
13. **Association of Changes in Hemodynamic Indices of Contractile Function with Clinical Outcomes during Treatment of Acute Decompensated Heart Failure**  
Mejia-Lopez E, Bilchick K, Kennedy J, Bergin J, Tallaj J, Abuannadi M, Kimeto P, Mazimba S
14. **Atrial Fibrillation in the Intensive Care Unit: Prevalence, Incidence, Recognition, Determinants, and Prognostic Implications**  
Moss T, Calland J, Enfield K, Gomez-Manjarres D, Ruminski C, DiMarco J, Lake D, Moorman R
15. **Physiological Signatures of Subacute, Potentially Catastrophic Illnesses in the Intensive Care Unit**  
Moss T, Lake D, Kronfol R, Ivanick N, Enfield K, Fairchild K, Calland F, Moorman R
16. **Activation Mapping of Idiopathic Ventricular Ectopy: Characterization of a Threshold Value Predicting Successful Catheter Ablation**  
Murphy M, Bilchick K, Camnitz WM, Mealor M, Ferguson J, Mangrum M, Mahotra M, Mason P, Darby A
17. **Obesity Paradox in Pulmonary Hypertension: Analysis of the NIH-Pulmonary Hypertension Registry**  
Nagarajan V, Bilchick K, Kohan L, Welch T, Mihalek A, Kennedy J, Mazimba S
18. **Extracellular volume by CMR is associated with biomarkers of extracellular matrix turnover and inflammation in hypertensive heart disease**  
Shaw P, Yang Y, Gonzalez J, Kuruvilla S, Gottbrecht M, Epstein F, Gan L, Keeley E, Kramer C, Salerno M
19. **CMR detects reduced perfusion reserve in porcine chronic ischemia model**  
Van Houten M, Yang Y, Hauser A, Shaw P, Goodman C, Gatesman J, Gonzalez J, Glover D, Salerno M
20. **Preoperative invasive hemodynamic determinants of outcomes in patients undergoing surgical valve repair or replacement.**  
Zhuo D, Bilchick K, Mazimba S

## *Endocrinology & Metabolism*

21. **Outcome of treatment of metastatic pheochromocytoma and paraganglioma with <sup>131</sup>I-meta iodobenzylguanidine (<sup>131</sup>I-MIBG)**  
Alhajri F, Alshaibani A, Tuli M, Alzahrani A
22. **MiR29a Regulates ADAM12 expression and Restores Post Ischemic Angiogenesis in Hyperglycemia.**  
Chen L, Ayalew D, Shahid L, Wang D, Dokun A
23. **Insulin uptake by the brain endothelial cell (BEC) is receptor-dependent and blunted by high-fat diet feeding**  
Gray S, Aylor K, Barrett E
24. **Progesterone Administration Does Not Acutely Alter LH Pulse Secretion in the Mid-Follicular Phase**  
Kim S, Hutchens E, McCartney C
25. **The Effect of a Robot Assisted PCI System on Procedure Times**  
Kohan L, Nagarajan V, Ragosta M
26. **Outcomes After PCI in Prohibitive Risk Surgical Patients**  
Kohan L, Ouellette M, Kiefer N, Ragosta M

## *Gastroenterology*

27. **Demographic and lifestyle risk factors for pancreatic cancer**  
Pearson M, Sauer B, Uppal D, Wang A, Shami V
28. **Chronic drug-induced liver injury attributable to Vedolizumab**  
Wang J, Stine J, Behm B
29. **Patients with GAVE are at a higher risk of gastrointestinal bleeding in the absence of cirrhosis**  
Wang J, Stine J, Cornella S, Argo C, Cohn S
30. **Safety and efficacy of fecal microbiota transplantation in severe and complicated *Clostridium difficile* infections**  
Wang P, Behm B, Vance S, Hays RA
31. **Comparison of loop ileostomy and fecal microbiota transplantation in severe and complicated *Clostridium difficile* infections**  
Wang P, Fashandi A, Vance S, Hays RA

32. **Time to Specimen Receipt Not Associated with Increased Likelihood of Detecting *Clostridium difficile***  
Barros A, Enfield K, Sifri C
33. **Direct oral anticoagulants in heparin-induced thrombocytopenia and thrombosis.**  
Brown J, Kunk P, Palkimas S, Macik BG
34. **Spontaneous bacterial empyema does not increase mortality in hospitalized patients in the United States**  
Buerlein R, Maitre J, Argo C

## Jordan Meeting Room 1

Posters 35 – 63

35. **Moral Distress in Internal Medicine Residents.**  
Churchill C, Corning B, Epstein E
36. **Hospitalization Secondary to Crohn's Disease Flare, as Related to Gastroenterology Clinic Adherence: A Retrospective Chart Review**  
Hall J, Campbell C, Behm B
37. **Insulin Treatment of Hyperkalemia in Renal Dysfunction: Appropriateness and Risk of Hypoglycemia.**  
Hamdan A, Kirby J
38. **Early palliative care reduces end-of-life ICU utilization but not ICU course in patients with advanced cancer.**  
Havard R, Romano A, Gade K, Nielsen G, Harrison J, Barclay J, Stukenborg G, Read P, Blackhall L, Dillon P
39. **Complications of Endoscopic Cystogastrostomy**  
Kumral D, Shami VM, Wang AY
40. **Long-Term Nutrient Deficiency after Roux-en-Y Gastric Bypass: Who's Responsibility?**  
Mehaffey R, Mehaffey JH, Mullen M, Turrentine F, Schirmer B, Wolf A, Hallowell P
41. **The Elusive Initial Electrocardiogram in Patients with ST-Elevation Myocardial Infarction**  
Millard M, Nagarajan V, Schutt R, Keeley E
42. **"Someone Needs to Call the Family... Why (or Why Not) the Resident?"**  
Ombres R, Montemorano L, Becker D, Plews-Ogan M

43. **Improving Conciseness of Resident Handoffs**  
Patrizio M, Lyons E
44. **Endoscopic Procedures in Severe Neutropenia**  
Pitts K, Chitnavis M, Frye J, Copland A
45. **Implementation of an Inpatient Geriatric Curriculum for Internal Medicine Residents**  
Smith A, Archbald-Pannone L, Duffy K, Hunt R, Wilkinson L
46. **Laboratory Monitoring of Rheumatoid Arthritis Patients on Chronic, Stable Methotrexate Therapy at the University of Virginia**  
Srstka J, Carlson A
47. **An Educational Intervention to Improve Residents' Discharge Summaries**  
Wadlin J, Lyons E
48. **Stress testing options in stable angina: a decision analysis**  
Workman V, Stukenborg G, Wyckoff S, Bourque J

#### *Hematology & Oncology*

49. **Small Cell Carcinoma of the Gallbladder: Case Report and Comprehensive Analysis of Published Cases**  
Carrera C, Kunk P, Rahma O
50. **A prospective study of an inpatient febrile neutropenia clinical practice guideline in oncology patients.**  
Le T, Thomas T, Reuss J, Degennaro G, Daniels E, Li J, Smolkin M, Keng M
51. **IVC agenesis: a rare cause of deep vein thrombosis**  
Man L, Hendricks N, Maitland H
52. **Direct Oral Anticoagulants in Anti-Phospholipid Syndrome**  
McShane M, Kunk P, Macik G, Palkimas S
53. **The effect of antifungal prophylaxis in acute leukemia and lymphoma at the University of Virginia Medical Center: A retrospective study.**  
Naeem M, Morris A, Smolkin M, Douvas M, Volodin L, Keng M
54. **Safety and efficacy of apixaban in end stage renal disease patients maintained on dialysis.**  
Reed D, Palkimas S, Le T, Hockman R, Maitland H, Macik G

#### *Infectious Disease & International Health*

- Enhanced *Klebsiella pneumoniae* carbapenemase (KPC) expression from a novel Tn4401 deletion
55. Cheruvanky A, Stoesser N, Sheppard A, Crook D, Ramakrishnan G, Mathers A



56. **"Investigating *P. falciparum* Mechanisms of Artemisinin Resistance Using Metabolomics"**  
Covelli V, Guler J
57. **Determination of Plasma Levels of Levofloxacin by High Performance Liquid Chromatography and Correlation with Multidrug-Resistant Tuberculosis Outcomes**  
Ebers A, Stroup S, Mpagama S, Shannon J, Liu J, Houpt E, Heysell S
58. **CHARACTERIZATION OF HTLV-1 RESTRICTION BY APOBEC3 PROTEINS**  
Etta E, Bessong P, Rekosh D, Hammarskjöld M
59. **Evaluation of a Rapid Lateral Flow Point-of-Care Test for Detection of *Cryptosporidium***  
Fleece M, Heptinstall J, Khan S, Kabir M, Herbein J, Haque R, Petri W
60. **Impact of Infectious Disease Fellow Consultative Intervention combined with Rapid Microarray Assay Technology on Outcomes for Patients with Enterococcal Blood Stream Infection**  
Gray M, Cox H, Poulter M, Mathers A
61. **HIV-1 Rev/RRE Functional Activity Variation between Subtypes is Largely Due to Changes in Rev**  
Jackson P, Tebit D, Rekosh D, Hammarskjöld M
62. **Distribution of virulence-related genes and pathogenesis of Diarrhegenic *E. coli* strains in Limpopo Province, South Africa**  
Ledwaba S, Bolick D, Nataro J, Guerrant R, Potgieter N
63. **Hospital usage attributable to Immune Reconstitution Inflammatory Syndrome in Persons Living with HIV Before and After the 2012 Guideline Update.**  
Liu P, McManus KA, Dillingham R

## Jordan G1 & G2

Posters 64 - 95

64. **CHARACTERIZATION OF VIF SEQUENCES AND APOBEC3 GENES IN LIMPOPO PROVINCE OF SOUTH AFRICA.**  
Matume N, Gray L, Jackson P, Tebit D, Bessong P, Rekosh D, Hammarskjöld M
65. **National Survey of United States HIV Healthcare Providers about Affordable Care Act Knowledge and Attitudes**  
McManus K, McManus K, Dillingham R
66. **The impact of Hepatitis C virus and the role of Liver X receptor in macrophage polarization**  
Magoro T, Jenelle L, Bessong P, Hahn Y
67. ***Entamoeba* pro-inflammatory MIF homolog contributes to mucosal inflammation during colitis**  
Moonah S, Abhyankar M, Ngobeni R, Petri W

68. **IMPACT OF NOVEL *ENTAMOEB*A SPECIES ON DIARRHEAL INFECTIONS IN SOUTH AFRICA**  
Ngobeni R, Amidou S, Moonah S, Petri W, Gilchrist C
69. **Outcomes and cost associated with hospital-acquired MRSA, *Clostridium difficile* and carbapenem-resistant Enterobacteriaceae infections in the ICU.**  
Schutte K, Sifri C, Enfield K
70. **Reversing the effect of age on mortality from *Clostridium difficile* infection: role of microbiota and immune response**  
Shin J, Moore J, Bolick D, Kolling G, Warren C

### *Nephrology & CIIR*

71. **CD73 ON FFIBROBLAS-LIKE CELLS IS A CRUCIAL MEDIATOR OF FIBROSIS AFTER KIDNEY INJURY**  
Görldt N, Sung S, Huang L, Lawler J, Ye H, Rosin D, Okusa M
72. **Vagus nerve stimulation protects kidneys from ischemia-reperfusion injury through alpha 7 nicotinic acetylcholine receptor-expressing splenocytes**  
Inoue T, Abe C, Sung S, Moscalu S, Jankowski J, Huang L, Ye H, Rosin D, Guyenet P, Okusa M
73. **PANX1 deletion protects from acute kidney injury in murine ischemia-reperfusion model**  
Jankowski J, Perry H, Huang L, Ye H, Isakson B, Ravichandran K, Okusa M
74. **IMPACT OF PRONASE FLOW CROSSMATCH (pFCXM) AND DESENSITISATION ON SENSITISED KIDNEY ALLOGRAFT RECIPIENTS WITH LOW MFI DONOR SPECIFIC ANTIBODIES**  
Kyaw T, Ma J, Ally W, Khine S, Lobo P
75. **Establishing Tunable Resistive Pulse Sensing for Characterization of Extracellular Vesicles.**  
Lin I, Erdbruegger U, Klibanov, S
76. **ANA-Negative Renal-Limited Lupus Nephritis is Associated with Poor Renal Outcomes**  
Portnoy D, Knicely D, Bolton KW, Cain J, Cathro HP
77. **Complement Activation in Kidney tissue and Infiltrating Immune Cells Contribute to Renal Fibrosis.**  
Sahu R, Xavier S, Landes S, Lambris J, Taylor R, Le T, Sung-Sang J, Portilla D
78. **Acute virus-specific responses by NK cells shape CD8+ memory T cells and protective immunity**  
Teoh J, Gamache A, Bullock T, Brown M
79. **IFN- $\gamma$  FROM NATURAL KILLER CELLS REGULATE RENAL FIBROSIS AFTER ACUTE KIDNEY INJURY**  
Vincent I, Sung S, Huang L, Rosin D, Okusa M

80. **Expression of C1q by Podocytes and Tubular cells Under Stress Signifies its Protective and Destructive Roles in Lupus Nephritis**  
Wang H, Dai C, Sung S, Gaskin F, Kannapell C, Man Fu S
81. **HLA-DR3 Restricted Autoimmune Response to Lupus-related Auto-Antigen SmD: Polyclonal Nature of the T cell Response and the Unique Features of the T cell Epitopes.**  
Zhao Z, Dai C, Ren J, Kannapell C, Wang Q, Fu SM

### *Pulmonary & Critical Care*

82. **Macrophage-colony stimulating factor mediates host defense during bacterial pneumonia by promoting the survival of lung and liver mononuclear phagocytes**  
Bettina A, Zhang Z, Michels K, Cagnina R, Vincent I, Burdick M, Kadl A, Mehrad B
83. **Inflammatory dendritic cell response to *Aspergillus* in a mouse model of chronic granulomatous disease**  
Cagnina E, Michels K, Bettina A, Zhang Z, Mehrad B
84. **Sporadic obliterative bronchiolitis: A case series and review**  
Callahan S, Gomez D, Vranic A, Mehrad B
85. **Identifying risk factors for the development of ventilator associated events (VAE)**  
Iqbal A, Enfield K, Hoke T
86. **Cocaine-related pulmonary hypertension first suggested based on polysomnography findings**  
Mansoor S, Crandall B, Davis E
87. **An Inorganic Habitat**  
Mansoor S, DiGuardo M, Waisberg M, LeGallo R, Stoler M, Malpass H
88. ***Exophiala dermatitidis* airway colonization or infection in patients with Cystic Fibrosis**  
Mansoor S, Albon D
89. **Impact of coordinated outpatient care on the outcomes of patients with COPD**  
Mansoor S, Ballowe L, Hickey F, Campbell A, Gay E, Malik N, Truwit J, Brown C, Shim Y
90. **Discovery of a novel COPD phenotype by hyperpolarized xenon129 MRI imaging biomarker**  
Mansoor S, Qing K, Altes T, Tustison N, Miller G, Mata J, Hersman F, Mugler J, Shim Y
91. **The role of hepcidin in host defense against Gram-negative pneumonia**  
Michels K, Zhang Z, Bettina A, Cagnina R, Burdick M, Mehrad B

### *Pharmacy Residents*

92. **Susceptibility survey of ceftazidime-avibactam (C-A) against multidrug resistant (MDR) gram-negative clinical isolates from a single academic medical center**  
Donohue L, Cox H, Carroll J, Cheruvanky A, Mathers A

93. **The effect of antithrombin supplementation on anticoagulation in adult patients receiving extracorporeal membrane oxygenation**  
Morrisette M, Bidwell K, Zomp A, Dunn S, Gelvin M, Money D, Palkimas S
94. **Unexpected findings with the implementation of modern smart infusion pumps**  
Patel A, McCarthy MW, Weon-Lee S, Anderson S, Chabot M
95. **Use of a novel deprescribing model to reduce polypharmacy and potentially inappropriate medications for older cancer patients in a geriatric oncology clinic**  
Whitman A, DeGregory K, Morris A, Lynch A, Ramsdale E

**PUBLICATIONS**  
**UVA DEPARTMENT OF MEDICINE**  
**RESIDENTS, FELLOWS, STUDENTS**  
**2015 - 2016**

**RESIDENTS**

1. **Carrera C**, Paul Kunk and Osama Rahma Journal of Oncology Small Cell Carcinoma of the Gallbladder: Case Report and Comprehensive Analysis of Published Cases in press 2015.
2. **Kumral, D.**, Caldwell, S.H., Argo, C.K. Impact of an institutional change in prothrombin time methodology on INR and MELD score in liver transplant evaluations. Journal of Clinical Laboratory Analysis. 2016 (in press).
3. **Liu, P.**, Jackson, P., Shaw, N., Heysell, S. Spectrum of false positivity for the fourth generation human immunodeficiency virus diagnostic tests. AIDS Research and Therapy. 2016; 13(1). DOI:10.1186/s12981-015-0086-3.
4. **Loguidice MJ**, Schutt RC, Horton JW, Minei JP, Keeley EC. Heart rate variability as a predictor of death in burn patients. Journal of Burn Care & Research 2015, June 23.
5. Keeley EC, **Marinescu MA**, Burdick MD, Strieter RM, Mehrad B. Circulating fibrocytes as predictors of adverse events in unstable angina. Transl Res 2016 [E-pub ahead of print].
6. **Millard MA**, McManus KA, Wispelwey B. Severe Sepsis due to Clostridium perfringens Bacteremia of Urinary Origin: A Case Report and Systematic Review. *Case Rep Infect Dis.* 2016;2016:2981729. doi: 10.1155/2016/2981729. Epub 2016 Feb 22.
7. Amir A, **Saulters KJ**, Olum S, **Pitts K**, **Parsons A**, **Churchill C**, Taseera K, Muhindo R, Moore CC. Outcomes of patients with severe sepsis after the first 6 hours of resuscitation at a regional referral hospital in Uganda. J Crit Care. 2016 Jan 27.
8. **Wang J.**, Bartelt L., **Yu D.**, **Joshi A.**, **Weinbaum B.**, **Pierson T.**, **Patrizio M.**, Warren, C., Hughes M.A., and Donowitz G. Primary cutaneous cryptococcosis treated with debridement and fluconazole monotherapy in an immunosuppressed patient: a case report and review of the literature. *Case Reports in Inf. Dis.*, <http://dx.doi.org/10.1155/2015/131356>, 2015.
9. Bilchick KC, Mealor A, Gonzalez J, Norton P, **Zhuo D**, Mason P, Ferguson JD, Malhotra R, Michael Mangrum J, Darby AE, DiMarco J, Hagspiel K, Dent J, Kramer CM, Stukenborg GJ, Salerno M. Effectiveness of integrating delayed computed tomography angiography imaging for left atrial appendage thrombus exclusion into the care of patients undergoing ablation of atrial fibrillation. Heart Rhythm. 2016 Jan;13(1):12-9.
10. Sula Mazimba; Jamie L.W. Kennedy, **David X Zhuo**, James Bergin, Mohammad Abuannadi, Jose Tallaj, Kenneth C Bilchick. Decreased Pulmonary Artery Proportional Pulse Pressure after Pulmonary Artery Catheter Optimization for Advanced Heart failure is Associated with Adverse Clinical Outcomes. Journal of Cardiac Failure 2016 (in press).

**CLINICAL FELLOWS – ALLERGY/IMMUNOLOGY**

11. **Palacios, T.**, L. Bartelt, L. Stillman, W. Scheld, B Lopez, S Kelting, S Holland, WI Lipkin, P-L Quan, L Borish, M Lawrence. 2015. Fatal coxsackie B3 meningoencephalitis in a patient with B cell lymphopenia and hypogammaglobulinemia following rituximab therapy. Ann Allergy Asthma Immunol. 115(2):148-50.
12. **Palacios T**, L Stillman, L Borish, and M Lawrence. 2015. Lack of basophil CD203c-upregulating activity as an immunological marker to predict response to treatment with omalizumab in patients with symptomatic chronic urticaria. J Allergy Clin Immunol: In practice

13. Cahill, K.N., K. Buchheit, **C. Word**, and L. Borish. Aspirin desensitization and high-dose aspirin therapy in aspirin-exacerbated respiratory disease. 2015. In: P.S. Batra and J.K. Han, eds., Practical Medical and Surgical Management of Chronic Rhinosinusitis. Springer International, Switzerland, pp. 313-22.
14. **Smith, A.R.**, and L. Borish. 2015. Immunomodulator therapies: Monoclonal antibodies, fusion proteins, and immunoglobulins. In: Manual of Allergy and Immunology for Otolaryngologists. D.L. Rosenstreich, G.S. de Vos, and A.H. Jackman, eds.
15. **Hoyt, A.**, L. Borish, J. Gurrola, S. Payne. 2016. Allergic fungal sinusitis. Invited submission to: J Allergy Clin Immunol: In practice. (in press).
16. Word C, Klaffky E, Ortiz C, **Palacios T**, Pelletier S, Oliveira W, Greb B, Workman L, Platts-Mills T, Wisniewski J. Management of acquired peanut allergy following solid-organ transplant. J Allergy Clin Immunol Pract. 2015 Jul-Aug;3(4):612-4. Epub 2015 Apr 22.
17. Steinke JW and **Wilson JM**. Aspirin-exacerbated respiratory disease: pathophysiological insights and clinical advances. 2016. J Asthma Allergy. Mar 10;9:37-43.

#### CLINICAL FELLOWS – CARDIOLOGY

18. **Abusamaan M**, Norton P, Hagspiel K, Sharma AM. Imaging in Systemic Vasculitis. In: SYSTEMIC VASCULITIDES: CURRENTS STATUS AND PERSPECTIVES. Franco Dammacco, Domenico Ribatti, Angelo Vacca. Springer Publishing. In press.
19. Keeley EC, **Cornielle-Caamano VM**. Radial artery access in women undergoing percutaneous coronary procedures. J Am Coll Cardiol Intv 2015;8:513-4.
20. **Dresen W**, Mason P. "Atrial Flutter after Surgical MAZE: Incidence, Diagnosis and Management." Curr Opin Card. 2016 Jan;31(1):57-63.
21. **Gonzalez, JA** and Beller GA. Choosing Exercise or Pharmacological Stress Imaging, or Exercise ECG Testing Alone: How to Decide. J Nucl Cardiol Feb 2016. Doi:10.1007/s12350-016-0398-2.
22. **Gonzalez, JA**, Lipinski MJ, Flors L, Shaw PW, Kramer CM and Salerno M. Meta-Analysis of Diagnostic Performance of Computed Coronary Tomography Angiography, Computed Tomography Perfusion, and Computed Tomography Fractional Flow Reserve in Functional Myocardial Ischemia Versus Invasive Fractional Flow Reserve. Am J Cardiol 2015; 116(9):1469-78.
23. **Gonzalez, JA**, Balfour PC and Shaw PW. The Cardiac Imaging Specialist: Pursuing further training in Multi-Modality Imaging. J Am Coll Cardiol 2015; 66(22):2563-8.
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