

**Nina M. Clark M.D.**  
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Division of Infectious Diseases  
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### **Education**

Infectious Diseases Fellowship, University of Michigan, Ann Arbor, MI	1991 - 1994
Internal Medicine Residency, University of Michigan, Ann Arbor, MI	1988 - 1991
M.D., with Honors, University of Illinois, Chicago, IL	1984 - 1988
B.S., summa cum laude in Biology, Loyola University, Chicago, IL	1980 - 1984

### **Current Positions**

Clinical Director, Division of Infectious Diseases Loyola University Medical Center (LUMC), Maywood, IL	2018 - present
Interim Co-Director, Infectious Disease & Immunology Research Institute Loyola University Chicago Stritch School of Medicine, Maywood, IL	2017 - present
Director, Travel Medicine Clinic, LUMC, Maywood, IL	2017 - present
Director, Transplant Infectious Diseases Program, LUMC, Maywood, IL	2012 - present
Director, HIV/AIDS Program, LUMC, Maywood, IL	2014 - present

### **Professional Experience**

Interim Director, Division of Infectious Diseases Loyola University Medical Center (LUMC), Maywood, IL	2017 - 2018
Director, Transplant Infectious Diseases Program University of Illinois Hospital and Health Sciences System (UIHHSS) Chicago, IL	2003 - 2012
Medical Director, Ryan White Part C HIV/AIDS Southeast Outreach Clinic UIHHSS, Chicago, IL	2003 - 2012
Interim Director, HIV/AIDS Treatment Program University of Michigan, Ann Arbor, MI	2001 - 2002

### **Academic Appointments**

Professor with tenure Department of Medicine, Division of Infectious Diseases LUMC, Maywood, IL	2017
Associate Professor with tenure Department of Medicine, Division of Infectious Diseases LUMC, Maywood, IL	2012 - 2017
Visiting Associate Professor Department of Medicine, Section of Infectious Diseases UIHHSS, Chicago, IL	2012 - 2013
Associate Professor with tenure Department of Medicine, Section of Infectious Diseases UIHHSS, Chicago, IL	2007 - 2012

Assistant Professor 2003 - 2007  
Department of Medicine, Section of Infectious Diseases  
UIHHSS, Chicago, IL

Clinical Assistant Professor 2001 - 2003  
Department of Medicine, Division of Infectious Diseases  
University of Michigan, Ann Arbor, MI

Assistant Professor 1995 - 2001  
Department of Medicine, Division of Infectious Diseases  
University of Michigan, Ann Arbor, MI

Lecturer 1994 - 1995  
Department of Medicine, Division of Infectious Diseases  
University of Michigan, Ann Arbor, MI

### **Certification and Licensure**

Diplomate, American Board of Internal Medicine (ABIM) 1991  
Recertification, Internal Medicine, ABIM 2000 - 2011  
Recertification, Internal Medicine, ABIM 2011 - 2021  
Infectious Diseases Subspecialty Certification, ABIM 1994  
Recertification, Infectious Diseases Subspecialty Certification, ABIM 2000 - 2014  
Recertification, Infectious Diseases Subspecialty Certification, ABIM 2014 - 2024  
Illinois State Medical License # 036.108439 2003 - 2020

### **Professional Memberships and Activities**

Fellow, Infectious Diseases Society of America 2015  
Member, Infectious Diseases Society of America 1994 - present  
American Society of Transplantation 2005 - present  
American Society of Transplantation Infectious Diseases Community of Practice 2005 - present  
Alpha Omega Alpha 1986 - present

### **Honors and Awards**

#### **Research**

Editor's Pick Citation in the journal Transplantation for manuscript on the impact of donor and recipient race on survival after hepatitis C-related liver transplantation 2011  
Infectious Diseases Society of American Young Investigator Award 1994  
National Institute of Allergy and Infectious Diseases Clinical Investigator Award (Ko8) 1994  
National Institutes of Health National Research Service Award (Institutional Grant) 1992 - 1994

#### **Teaching/Clinical**

Teaching Honor Roll, LUMC Internal Medicine Residency (top 25% of faculty) 2018  
Castle Connolly Top Doctor, West Suburban Living 2014 - present  
Certificate of Excellence in Teaching Award, UIHHSS 2012  
Castle Connolly Top Doctor 2011 - present  
Certificate of Excellence in Teaching Award, UIHHSS 2010, 2009, 2007  
Nominated, "Rookie Attending of the Year" by Internal Medicine housestaff, UIHSS 2005

#### **Education**

Graduated with Honors, University of Illinois College of Medicine 1988  
Janet M. Glasgow Scholastic Achievement Award of the American Medical Women's Association 1988  
Alpha Omega Alpha 1986  
Illinois General Assembly Scholarship 1985  
Graduated summa cum laude, Loyola University 1984  
Loyola University Honors Society Academic Scholarship 1980 - 1984

### **Leadership Training**

Association of American Medical Colleges Leadership and Management Foundations for Academic Medicine and Science Seminar 2017

Association of American Medical Colleges Mid-Career Women Faculty Professional Development Seminar 2012

### **Committee Assignments and Administrative Services**

#### **Regional and National Committees and Service**

U.S. Food and Drug Administration Antimicrobial Drugs Advisory Committee Member 2016 - present  
Promotion Review, Infectious Diseases faculty member of the University of Michigan 2016  
AIDS Foundation of Chicago Medical Advisory Group 2015 - present  
Midwest Consortium for the Study of Respiratory Viruses 2014 - 2016  
New Life Volunteering Society Student-Run Free Health Clinic 2012  
BinayTara Foundation Telemedicine Panel 2010 - 2011  
Midwest Transplant Infectious Diseases Fellow Conference Organizing Committee 2008 - 2009  
American Society of Transplantation Health Professionals Information Center 2005 - 2006  
Organizer, Chicago-area Mycology Study Group 2003 - 2009

#### **Loyola University Committees and Service**

Committee on Academic Rank and Tenure 2018 - present  
Admissions Committee, Infectious Diseases & Immunology Research Institute Masters Program 2018 - present  
Research Leadership Council 2017 - present  
Needlestick Taskforce Committee 2017 - 2018  
Outpatient Parenteral Antibiotic Therapy Committee 2016 - 2018  
Microbiology Laboratory Stewardship Committee 2016 - present  
Anti-Infective Subcommittee of the Hospital Pharmacy & Therapeutics Committee 2015 - present  
Co-Director, Anti-Infective Subcommittee of the Hospital Pharmacy & Therapeutics Committee 2012 - 2015  
Protocol Committees, Solid Organ Transplantation Programs (Renal, Liver, Pancreas, Heart, Lung) 2012 - present  
Protocol Committee, Hematopoietic Stem Cell Transplantation Program 2012 - present  
Infectious Diseases Fellowship Clinical Competency Committee 2013 - present  
Ad hoc Loyola Outpatient Infectious Diseases Clinic Committee 2014 - present  
Medical Marijuana Use Committee 2014 - 2015  
Chair, Mid-tenure Review Committee, Dr. Gail Reid 2015  
Stritch School of Medicine FORWARD Initiative (Faculty Opportunities and Recognition for Women's Advancement, Resilience and Development) 2013 - 2014

#### **University of Illinois Committees and Service**

Administration and Development Subcommittee lead for 5 yr review of UIC College of Med Dean 2010  
Department of Medicine Billing Compliance Committee 2009 - 2012  
UIC College of Medicine-Chicago Medical Student Council Health Fair, Chicago, IL 2009  
Project Management Team, HIV/AIDS Community Clinic Network, UIHHSS 2008 - 2012  
Elected, University of Illinois College of Medicine Executive Committee 2008 - 2011  
Chair, faculty search committee, Chief of Transplant Nephrology 2008 - 2009  
Department of Medicine Incentive Plan Committee 2007 - 2012  
College of Medicine Faculty Academic Advancement Committee 2006 - 2012  
Ambulatory Services Finance Committee 2006 - 2012  
Elected, Department of Internal Medicine Advisory Committee 2005 - 2012  
Faculty search committee, Chief of Rheumatology Department of Internal Medicine 2004 - 2005  
Alternate, Medical Staff Executive Committee 2004 - 2005  
Data Safety Monitoring Committee, Allogeneic Islet Cell Transplantation Program 2004 - 2012  
Chairman, Anti-Infective Subcommittee of the Hospital Pharmacy & Therapeutics Committee 2003 - 2012  
Finance, Committee, Department of Medicine 2003 - 2012  
Protocol Committee, Solid Organ Transplantation Programs (Renal, Liver, Pancreas, Small Intestine) 2003 - 2012  
Protocol Committee, Lung Transplantation Program 2003 - 2005  
Protocol Committee, Hematopoietic Stem Cell Transplantation Program 2003 - 2012

### **Educational Activities**

#### **Lectures and Clinical Conferences**

##### **Loyola University Medical Center**

Infectious Disease & Immunology Research Institute Case Discussion Leader (3-5 contact hours/year for 2<sup>nd</sup> year InDIRI graduate students) 2017 - present  
Infectious Diseases Fellow Core Curriculum Lecturer (2 to 3 lectures per year to ID fellows and rotating residents) 2012 - present

Internal Medicine Grand Rounds lecture every 2-3 years 2012 - present

M-3 Internal Medicine Rotation Case Discussion Leader  
(1 contact hour per year) 2012 - present

Internal Medicine Residency Noon Lecture  
(1 contact hour every 1-2 years) 2012 - present

Periodic Internal Medicine Residency Clinicopathologic Conference Discussant  
(1 contact hour per session) 2012 - present

**University of Illinois Hospital and Health Sciences System**

Internal Medicine Residency Morning Report  
(3 to 4 contact hours per year) 2003 - 2012

Internal Medicine Residency Multidisciplinary and Morbidity & Mortality Conferences  
(4 to 5 contact hours per year) 2003 - 2012

**Teaching Activities**

**Loyola University Medical Center**

Instruction of medical students, pharmacy students, residents and Infectious Diseases fellows on Transplant Infectious Diseases service  
(5.5 - 6.5 months/year 2012 - 2017; 4 months/year 2017-18)

Supervision of 3<sup>rd</sup> year medical students and Internal Medicine and Medicine-Pediatrics residents in my weekly half-day outpatient clinic

Supervision of Infectious Diseases fellows in their weekly outpatient clinic  
(6 to 8 half-day sessions/year)

**Shared Course Teaching**

**Loyola University Medical Center**

Mechanisms of Human Disease for M-2 students, HIV (1 contact hour/year) 2016 - 2019

Academic Research Curriculum for Internal Medicine Residents  
(8-9 contact hours per year to perform an in-depth analysis of journal articles) 2013 - 2018

Clinical Skills Preceptor Program 2012 - 2013

**University of Illinois Hospital and Health Sciences System**

Essentials of Clinical Medicine Course: Introduction to Patient Care 2009 - 2010

University of Illinois College of Medicine Club Med seminar series for medical students 2005, 2009

Yearly Applied Pathophysiology course for University of Illinois Physical Therapy students: 2006 - 2012

Immune system disorders: HIV and organ transplantation

**University of Michigan**

University of Michigan M-2 "Human Dilemmas Meet Medicine" Seminar 2002

University of Michigan M-2 Clinical Skills Instructor 2000 - 2001

Yearly participation in University of Michigan M-2 Course in Infectious Diseases and Microbiology 1993 - 2000

AIDS Update, University of Michigan School of Public Health Post-Graduate Infectious Diseases Review Course 1993

**Grants and Contract Awards**

**Current Support**

**Medical Director**

3/1/17 – 8/31/19

**Department of Health and Human Services Health Resources & Services**

**Administration (HRSA)**

"Ryan White Title Part A: Emergency Relief Grant Program", \$282,423 annual direct costs

**Principal Investigator**

12/1/16 - present

**Astellas Pharma**

Observational disease registry of patients treated with systemic mold-active triazoles

**Principal Investigator**

12/1/16 - present

**Astellas Pharma**

A non-interventional registry study of systemic antifungal therapy in adult subjects with invasive mucormycosis or invasive aspergillosis caused by a non-fumigatus species

<b>Principal Investigator</b> <b>Shire</b> A phase 3, multicenter, randomized, open-label, active-controlled study to assess the efficacy and Safety of maribavir treatment compared to investigator-assigned treatment in transplant Recipients with cytomegalovirus (CMV) infections that are refractory or resistant to treatment with ganciclovir, valganciclovir, foscarnet or cidofovir	12/1/16 - present
<b>Completed Support</b> <b>Principal Investigator</b> <b>Ansun Biopharma, Inc.</b> A Phase II, Randomized, Double-blind, Placebo-Controlled Study to Examine the Effects of DAS181 in Immunocompromised Subjects with Lower Respiratory Tract Parainfluenza Infection on Supplemental Oxygen	3/1/15 - 3/1/17
<b>Medical Director</b> <b>Department of Health and Human Services HRSA</b> "Ryan White Title Part A: Emergency Relief Grant Program", \$794,828 direct costs	3/1/14 - 2/28/17
<b>Co-Principal Investigator with Gail Reid, MD</b> <b>Loyola University Chicago Infectious Diseases Immunology Research Institute pilot funding</b> <i>Clostridium difficile</i> Infection and Biofilm Formation in Hematopoietic Stem Cell Transplant Recipients, \$5,000 direct costs	6/1/14 - 5/31/15
<b>Principal Investigator</b> <b>Chimerix, Inc.</b> A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multicenter, Phase 3 Study of the Safety, Tolerability, and Efficacy of CMX001 for the Prevention of Cytomegalovirus (CMV) Infection in CMV-Seropositive (R+) Hematopoietic Stem Cell Transplant Recipients	9/1/14 - 7/1/16
<b>Site Medical Director at Loyola University Medical Center</b> (Richard Novak, Site Medical Director, UIHHSS) <b>Department of Health and Human Services HRSA</b> "Ryan White Title Part C: Early Intervention Services", \$555,204 direct costs	7/1/12 - 6/30/13
<b>Medical Director</b> <b>Department of Health and Human Services HRSA</b> "Ryan White Title Part C: Early Intervention Services", \$555,204 direct costs	7/1/11 - 6/30/12
<b>Principal Investigator</b> <b>Merck &amp; Co, Inc.</b> "Timing of Antifungal Drug Administration in Patients with Candida Bloodstream Infection: Correlation with Outcomes and Antifungal Susceptibility Data", \$25,775 direct costs	2/2007 - 12/2011
<b>Medical Director</b> <b>Department of Health and Human Services HRSA</b> "Ryan White Title III: Early Intervention Services", \$1,387,525 direct costs	7/2006 - 6/2011
<b>Principal Investigator</b> <b>University of Illinois at Chicago Center for Clinical Translational Sciences</b> <b>Supplemental Research Resources Center funding award</b> "Genetic Predictors of Progression in HCV Liver Transplant Recipients", \$5,000 direct costs	11/2010 - 3/2011
<b>Principal Investigator</b> <b>Pfizer, Inc.</b> "A Prospective, Randomized Trial Comparing the Efficacy of Anidulafungin and Voriconazole in Combination to that of Voriconazole Alone when used for Primary Therapy of Proven or Probable Invasive Aspergillosis", \$32,746 direct costs	1/2009 - 12/2010
<b>Principal Investigator</b> <b>ViroPharma, Inc.</b> "A Randomized, Double-Blind Study to Assess the Efficacy and Safety of Prophylactic Use of Maribavir Versus Oral Ganciclovir for the Prevention of Cytomegalovirus Disease in Recipients of Orthotopic Liver Transplants" (terminated early due to non-efficacy)	1/2009 - 3/2009
<b>Co-Investigator</b>	7/2006 - 6/2009

**Pfizer, Inc.**

“Anidulafungin Pharmacokinetics in Patients with Septic Shock and Hypoalbuminemia”,  
\$34,467 direct costs

**Principal Investigator**

2/2006 - 4/2007

**Astellas Pharma US, Inc.**

“A Phase 3, Randomized Double-blind, Placebo-controlled, Comparative Study of Micafungin (FK 463) Versus Caspofungin as Antifungal Treatment in Patients with Invasive Candidiasis or Candidemia”, \$5,200 direct costs

**Principal Investigator**

2/2005 - 1/2009

**Merck & Co.**

“A Review of the Epidemiology of Invasive Candida Infections, Antifungal Drug Utilization and Susceptibility Patterns”, \$14,460 direct costs

**Principal Investigator**

5/2004 - 3/2006

**GlaxoSmithKline**

“A Prospective, Randomized Double-blind, Placebo-controlled, Dose-ranging, Multicenter Study of the Safety and Efficacy of Three Days Continuous Intravenous Infusion of GR270773 in the Treatment of Suspected or Confirmed Gram-negative Severe Sepsis in Adults” (EMD20001), \$8,023 direct costs

**Principal Investigator**

11/2004 - 1/2006

**Bacteriology-Myology Study Group**

“A Randomized, Double-blind, Placebo-controlled Trial of Caspofungin vs. Placebo as Prophylaxis of Invasive Candidiasis in High-risk Adults in the Critical Care Setting” (BAMSG 2-01) \$11,187 direct costs

**Principal Investigator**

11/2004 - 3/2005

**Enzon Pharmaceuticals**

“CLEAR II™: Collaborative Exchange of Antifungal Research”, \$18,000 direct costs

**Medical Director**

9/2003 - 6/2006

**Department of Health and Human Services HRSA**

“Ryan White Title III: Early Intervention Services”, \$872,618 direct costs

**Medical Director**

3/2003 - 9/2003

**Department of Health and Human Services HRSA**

“Ryan White Title III: Early Intervention Services”, \$727,683 direct costs

**Principal Investigator**

9/2002 - 3/2003

**Agouron Pharmaceuticals**

“A Phase II, Double-blind Randomized, Placebo-controlled Study of Two Doses of Capravirine (AG1549) in Combination with Viracept and Two Nucleoside Reverse Transcriptase Inhibitors in HIV-infected Patients Who Failed an Initial Nonnucleoside Reverse Transcriptase Inhibitor Containing Regimen” (Agouron A4311002), \$27,317 direct costs

**Principal Investigator**

7/2002 - 3/2003

**Agouron Pharmaceuticals**

“An Extension Study for Subjects Continuing Treatment with Open-label Capravirine who were Previously Enrolled in Study AG1549-508 or Study AG1549-509” (Agouron Protocol A4311001) \$4,960 direct costs

**Principal Investigator**

4/2002 - 3/2003

**Boehringer-Ingelheim Pharmaceuticals**

“Double-blind, Randomized, Dose Optimization Trial of Three Doses of Tipranavir Boosted with Low Dose Ritonavir in Multiple Antiretroviral Drug-Experienced Subjects” (Boehringer-Ingelheim Protocol 1182.52), \$83,786 direct costs

**Principal Investigator**

9/2001 - 12/2002

**Bristol-Myers Squibb**

“A Phase III Study Comparing the Antiviral Efficacy and Safety of BMS-232632 with Efavirenz; Each in Combination with Fixed Dose Zidovudine-Lamivudine” (Bristol-Myers Squibb Protocol AI424-034), \$17,630 direct costs

**Co-Investigator**

6/2001 - 3/2003

**Bristol-Myers Squibb**

“A Prospective One Year Study of Elevated Lactic Acid Levels in HIV-infected Patients Receiving Nucleoside Agents”, \$129,953 direct costs

**Principal Investigator**

9/2001 - 7/2002

**Agouron Pharmaceuticals**

“A Double-blind, Randomized, Placebo-Controlled Study of Capravirine in Combination with Viracept and Two Nucleoside Reverse Transcriptase Inhibitors in HIV-Infected Subjects who Failed an Initial Nonnucleoside Reverse Transcriptase Inhibitor Containing Regimen” (Agouron Protocol AG1549-508-126-F1), \$33,480 direct costs

**Principal Investigator**

9/1994 - 8/1998

**National Institute of Allergy and Infectious Diseases (1K08AI1293-01)**

"Peri-κB Mediates HIV-2 Enhancer Activation in Monocytes, \$232,000 direct costs  
No cost time extension 9/97 - 8/98

**Principal Investigator**

7/1995 - 6/1997

**Infectious Diseases Society of America Young Investigator Award**

"Peri-κB Mediates HIV-2 Enhancer Activation in Monocytes", \$60,000 direct costs

**Current Research Activities**

1. Development of an anal dysplasia screening clinic at Edward Hines, Jr. Veterans Administration Hospital for populations at high risk of human papillomavirus infection and anal dysplasia. Patients will be studied longitudinally to identify clinical, immunologic and virologic factors that may predict the development of anal dysplasia. Our studies will characterize HPV types causing infection in high risk persons, will detect and type other genetic markers, such as p53 mutations, and will attempt to identify unique microRNA expression profiles in blood and anal lesions in our patient cohort. Gail Reid, co-PI.
2. A retrospective study of the impact of implementing rapid identification of blood pathogens by PCR on time to appropriate antimicrobial therapy and length of hospital stay at LUMC. Gail Reid, co-PI.
3. A retrospective study of the epidemiology, risk factors for and outcomes of pathogens identified by stool PCR in solid organ and hematopoietic cell transplant recipients at LUMC.
4. Adherence to screening guidelines for hepatitis C virus infection in primary care clinics at LUMC.

**Editorial Board Appointments and Review Activities**

**Ad Hoc Editor**

Seminars in Respiratory and Critical Care Medicine 2006  
Guest editor, “Pulmonary complications of solid organ transplantation”  
Seminars in Respiratory and Critical Care Medicine 2002  
Guest editor, “Emerging infections in the intensive care unit”

**Journal Reviewer**

2003 - present

American Family Physician  
American Journal of Nephrology  
American Journal of Transplantation  
Chest  
Clinical Infectious Diseases  
Clinical Transplantation  
Diagnostic Microbiology and Infectious Diseases  
Infection Control and Hospital Epidemiology  
Liver Transplantation  
Mycoses  
Scandinavian Journal of Infectious Diseases  
Transplant Infectious Diseases  
Transplantation  
University HealthSystem Consortium Drug Monographs

**Abstract Reviews for International Meetings**

American Society of Transplantation American Transplant Congress (All Non-Renal Infections) 2018  
Infectious Diseases Society of America IDWeek (HIV Pathogenesis) 2017  
American Society of Transplantation American Transplant Congress (Viral Infections) 2007 - 2012

## **Publications**

### **Peer Reviewed Publications**

1. Matsuda, T., **Clark, N.**, Haryani, G., Bryant, R., Hanumadass, M., and Kagan, R. The effect of burn wound size on resting energy expenditure. Journal of Trauma 27:115-118, 1987.
2. Triesenberg, S., **Clark, N.**, and Kauffman, C. Group B Streptococcal prosthetic joint infection following sigmoidoscopy. Clinical Infectious Diseases 15:374-375, 1992.
3. Hilfinger, J., **Clark, N.**, Robinson, K., Smith, M., and Markovitz, D.M. Differential regulation of the human immunodeficiency virus type 2 in monocytic cells at varying stages of differentiation. Journal of Virology 67:4448-4453, 1993.
4. Hannibal, M., Markovitz, D.M., **Clark, N.**, and Nabel, G.J. Differential activation of HIV-1 and HIV-2 transcription by T-cell antigen receptor complex and TNF-alpha stimulation. Journal of Virology 67:5035-5040, 1993.
5. **Clark, N.M.**, Smith, M.J., Hilfinger, J., and Markovitz, D.M. Activation of the human T-cell leukemia virus type 1 is mediated by binding sites for Elf-1 and the p53 factor. Journal of Virology 67:5522-5528, 1993.
6. Walling, D.M., **Clark, N.M.**, Markovitz, D.M., Frank, T.S., Braun, D.K., Eisenberg, E., Krutchkoff, D.J., Felix, D.H., and Raab-Traub, N. Epstein-Barr virus coinfection and recombination in non-human immunodeficiency virus-associated oral hairy leukoplakia. Journal of Infectious Diseases 171:1122-1130, 1995.
7. **Clark, N. M.**, Pasternak, A., Braun, D.K., and Chenoweth, C. Primary cutaneous *Nocardia otitidiscaviarum* infection: Case report and review. Clinical Infectious Diseases 20:1266-1270, 1995.
8. **Clark, N. M.**, Hannibal, M.C., and Markovitz, D. M. The peri-κB site mediates human immunodeficiency virus type 2 enhancer activation in monocytes but not in T cells. Journal of Virology 69:4854-4862, 1995.
9. Hedderwick, S.A., Greenon, J.K., McGaughy, V.R., and **Clark, N.M.** Adenovirus cholecystitis in a patient with acquired immunodeficiency syndrome. Clinical Infectious Diseases 26:997-999, 1998.
10. **Clark, N.M.**, Dieng Sarr, A., Sankalé, J.-L., Kanki, P.J., Kazanjian, P., Winfield, R., and Markovitz, D.M. Immunologic and virologic response of HIV-2 infection to antiretroviral therapy. AIDS 12:2506-2507, 1998.
11. **Clark, N.M.** *Paecilomyces lilacinus* infection in a heart transplant recipient and successful treatment with terbinafine. Clinical Infectious Diseases 28:1169-70, 1999.
12. McNeil, S.A., **Clark, N.M.**, Chandrasekar, P.H., and Kauffman, C.A. Successful treatment of vancomycin-resistant *Enterococcus faecium* bacteremia with linezolid after failure of Synercid (quinupristin/dalfopristin) treatment. Clinical Infectious Diseases 30:403-4, 2000.
13. Smith, M.J., Gitlin, S.D., Browning, C.M., Lane, B.R., **Clark, N.M.**, Shah, N., Rainier, S., and Markovitz, D.M. GLI-2 modulates retroviral gene expression. Journal of Virology 75:2301-2313, 2001.
14. Browning, C.M., Smith, M.J., **Clark, N.M.**, Lane, B.R., Parada, C., Montano, M., Kewalramani, V.N., Littman, D.R., Essex, M., Roeder, R.G., and Markovitz, D.M. Human GLI-2 is a tat activation response element-independent tat cofactor. Journal of Virology 75:2314-2323, 2001.
15. **Clark, N.M.**, Femino, J.E., and Chenoweth, C.E. *Aeromonas* infection after medicinal leech therapy: case reports and review. Infectious Diseases in Clinical Practice 10:211-218, 2001.
16. **Clark, N.M.** and Lynch, J.P. Emerging infections in the intensive care unit (editorial). Seminars in Respiratory and Critical Care Medicine 24:1-2, 2003.
17. **Clark, N.M.** and Chenoweth, C.E. *Aeromonas* hepatobiliary infection: report of 15 cases and review of the literature. Clinical Infectious Diseases 37:506-13, 2003.
18. **Clark, N.M.**, Hershberger, E., Zervos, M.J., and Lynch, J.P. Antimicrobial resistance among gram-positive organisms in the intensive care unit. Current Opinion in Critical Care 9:403-12, 2003.
19. **Clark, N.M.**, Patterson, J., and Lynch, J.P. Antimicrobial resistance among gram-negative organisms in the intensive care unit. Current Opinion in Critical Care 9:413-23, 2003.
20. Singal, A., Malani, P.N., Day, L.J., Pagani, F.D., and **Clark, N.M.** *Roseomonas* infection associated with a left ventricular assist device: case report and review of the literature. Infection Control and Hospital Epidemiology 24:963-5, 2003.
21. Chan, L-N., Massad, M.G., Mahmood, K., **Clark, N.**, Steinhiser, S., Kpodonu, J., Tshibaka, C., and Jaffe, H.A. Severe hemorrhagic cystitis associated with BK polyomavirus infection following lung transplantation. Current Respiratory Medicine Reviews 1:261-4, 2005.
22. Jain, R., Linares-Diaz, M., **Clark, N.M.**, and Grim, S.A. Limitations of current antiretroviral agents and opportunities for development. Current Pharmaceutical Design 12:1065-74, 2006.
23. Day, L.J., Chenoweth, C.E., Vander Hyde, K., Lynch, J.P., Iannettoni, M., and **Clark, N.M.** *Aspergillus* infections following lung transplantation. Infectious Diseases in Clinical Practice 14:283-8, 2006.
24. Grim, S.A., Slover, C.M., Sankary, H., Oberholzer, J., Benedetti, E., and **Clark, N.M.** Risk factors for wound healing complications in sirolimus-treated renal transplant recipients. Transplantation Proceedings 38:3520-3, 2006.
25. Reid, G.E, Grim, S.A, Aldeza, C.A., Janda, W.M., **Clark, N.M.** Rapid development of tigecycline resistance in *Acinetobacter baumannii*. Pharmacotherapy 27:1198-1201, 2007.
26. Grim, S.A., Pham, T., Thielke, J., Sankary, H., Oberholzer, J., Benedetti, E., and **Clark, N.M.** Infectious complications associated with the use of rituximab for ABO-incompatible and positive cross-match renal transplant recipients. Clinical Transplantation 21:628-32, 2007.
27. Alhyraba, M., Grim, S.A., Benedetti, E., and **Clark, N.M.** Novel presentation of cytomegalovirus enteritis after liver and kidney transplantation. Transplant Infectious Disease 9:343-6, 2007.



28. Bhayani, N., **Clark, N.M.**, Ranade, P. and McGuinn, M. Varicella-Zoster virus and cerebral aneurysm: case report and review of the literature. Clinical Infectious Diseases 47:e1-3, 2008.
29. Grim, S.A., Rene, L., Gupta, S. and **Clark, N.M.** Safety of linezolid in patients with baseline thrombocytopenia. Journal of Antimicrobial Chemotherapy 62:850-1, 2008.
30. Grim, S.A., Hong, I., Freeman, J., Edwards, C. and **Clark, N.M.** Daptomycin for the treatment of vancomycin-resistant enterococcal infections. Journal of Antimicrobial Chemotherapy 63(2):414-6, 2009.
31. Grim, S.A., and **Clark, N.M.** The role of adjuvant agents in treating fungal diseases. Current Fungal Infection Reports. 3:117-126, 2009.
32. Bhayani, N., Simpkins, H., Janda, W.M., Berkes, J. and **Clark, N.M.** *Corynebacterium striatum* septic arthritis and bacteremia: case report and review. Infectious Diseases in Clinical Practice 17(3):187-90, 2009.
33. Reid, G.E., Grim, S.A., Sankary, H., Benedetti, E., Oberholzer, J. and **Clark, N.M.** Early intraabdominal infections associated with orthotopic liver transplantation. Transplantation 87(11):1706-11, 2009.
34. Sun, H-Y., Aguado, J.M., Bonatti, H., Forrest, G., Gupta, K.L., Safdar, N., John, G.T., Pursell, K.J., Munoz, P., Patel, R., Fortun, J., Martin-Davila, P., Philippe, B., Philit, F., Tabah, A., Terzi, N., Chatelet, V., Kusne, S., **Clark, N.**, Blumberg, E., Marino Blanes, J., Humar, A., Houston, S., Lass-Flörl, C., Johnson, L., Dubberke, E.R., Barron, M.A., Lortholary, O. and Singh, N. Pulmonary zygomycosis in solid organ transplant recipients in the current era. American Journal of Transplantation 9(9):2166-71, 2009.
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67. Lynch, J.P., Zhanel, G.G., and **Clark, N.M.** Emergence of antimicrobial resistance among *Pseudomonas aeruginosa*: implications for therapy. Seminars in Respiratory and Critical Care Medicine 38:326-45, 2017.
68. Seroy, J., Antiporta, A., Grim, S.A., Proia, L.A., Singh, K., and **Clark, N.M.** *Aspergillus calidoustus* case series and review of the literature. Transplant Infectious Diseases 19(5):e12755, 2017.
69. Lowery, E.M., Adams, W., Grim, S., **Clark, N.**, Love, R., Edwards, L., Layden, J. Increased risk of PTLD in adult lung transplant recipients with cystic fibrosis. Journal of Cystic Fibrosis, 16(6):727-34, 2017.
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71. Restrepo, A. and **Clark, N.M.** Nocardia infections in solid organ transplantation: Guidelines from the Infectious Diseases Community of Practice of the American Society of Transplantation. Clinical Transplantation e13509 doi: 10.1111/ctr.13509. [Epub ahead of print], February 29, 2019.

#### **Contributions to Peer-Reviewed Publications, Participation Cited**

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2. Marty, F.M., Winston, D.J., Chemaly, R.F., Mullane, K.M., Shore, T.B., Papanicolaou, G.A., Chittick, G., Brundage, T.M., Wilson, C., Foster, S.A., Morrison, M.E., Nichols, W.G., and Boeckh, M.J. on behalf of the SUPPRESS Trial Clinical Study Group. A randomized, double-blind, placebo-controlled phase 3 trial of oral brincidofovir for cytomegalovirus prophylaxis in allogeneic hematopoietic cell transplantation. Biology of Blood and Marrow Transplantation 25(2):369-81, 2019.

#### **Non-Peer Reviewed Publications**

1. Litbarg, N.O. and **Clark, N.M.** Emerging trends in the approach to polyomavirus nephropathy. Kidney: A Current Survey of World Literature 13:1-6, 2004.

#### **Chapters**

1. **Clark, N.M.** and Chenoweth, C.E. Streptococcal infections. In APIC Text of Infection Control and Epidemiology. Association for Professionals in Infections Control and Epidemiology, 2<sup>nd</sup> edition, Washington, DC, 2005, pp. 70-1 to 70-13.

2. **Clark, N.M.** *Legionella* infections complicating lung and solid organ transplantation. In Lung and Heart-Lung Transplantation, Eds. Joseph P. Lynch and David Ross. Lung Health and Biology in Disease Series, Marcel Dekker, Inc. New York, NY. 2006, pp. 607-21.
3. Lynch, J.P. and **Clark, N.M.** Atypical pneumonias. In Encyclopedia of Respiratory Medicine, Ed. Geoffery Laurent and Steven Shapiro, Elsevier Limited, Oxford, UK, 2006, pp. 410-16.
4. Templer, S., **Clark, N.M.** Skin and soft tissue infections. In Textbook of Diagnostic Microbiology, Ed. Connie Mahon, Donald Lehman, and George Manuseelis, Elsevier, Philadelphia, PA, 4<sup>th</sup> edition, 2010 Chapter 33, pp. 805-33.
5. **Clark, N.M.** Treatment of *Nocardia* infections. In The American Society of Transplantation (AST) Handbook of Transplant Infections, Eds. Deepali Kumar and Atul Humar. Wiley-Blackwell, West Sussex, UK. 2011, p. 73.
6. **Clark, N.M.** Tuberculosis: treatment and prevention. In The American Society of Transplantation (AST) Handbook of Transplant Infections, Eds. Deepali Kumar and Atul Humar. Wiley-Blackwell, West Sussex, UK. 2011, p. 74-6.
7. **Clark, N.M.** Treatment of non-tuberculous *Mycobacterium* infections. In The American Society of Transplantation (AST) Handbook of Transplant Infections, Eds. Deepali Kumar and Atul Humar. Wiley-Blackwell, West Sussex, UK. 2011, p. 77-8.
8. **Clark, N.M.** Skin and soft tissue infections. In Textbook of Diagnostic Microbiology, Ed. Connie Mahon, Donald Lehman, and George Manuseelis, Elsevier, Philadelphia, PA, 5<sup>th</sup> edition, 2015 Chapter 33, pp. 804-34.
9. **Clark, N.M.** and Cotler, S.J. Infectious complications in liver transplantation. In UpToDate, Ed. T.W. Post, UpToDate, Waltham, MA, last update February 2017.
10. **Clark, N.M.** Skin and soft tissue infections. In Textbook of Diagnostic Microbiology, Ed. Connie Mahon, Donald Lehman, and George Manuseelis, Elsevier, Philadelphia, PA, 6<sup>th</sup> edition, 2019 Chapter 33, pp.795-828.

## **Abstracts and External Presentations**

### **Oral Presentations—Research**

#### **National/International**

1. Grim, S.A., Pham, T., Thielke, J., Sankary, H.N., Oberholzer, J., Testa, G., Benedetti, E., and **Clark, N.M.** Infectious complications associated with the use of rituximab for ABO-incompatible and positive crossmatch renal transplant recipients. 6<sup>th</sup> Annual Joint Meeting of the American Society of Transplantation and the American Society of Transplant Surgeons, Seattle, WA, May, 2005, abstract 1384
2. Layden, J.E., Brown, K.A., Lucey, M.R., Te, H.S., Eswaran, S.L., Richie, K., Fimmel, C.J., Gangar, J., Layden, T.J., Cotler, S.J. and **Clark, N.M.** Hepatitis C virus progresses more rapidly after orthotopic liver transplantation in African Americans compared to whites. 60<sup>th</sup> Annual Meeting for the American Association for the Study of Liver Diseases, Boston, MA, November 2009, abstract 190
3. Layden, J.E., Cotler, S. and **Clark, N.M.** Association of cirrhosis-related single nucleotide polymorphisms (SNPs) with fibrosis progression after HCV-related liver transplantation. 61<sup>st</sup> Annual Meeting for the American Association for the Study of Liver Diseases, San Francisco, CA, November 2011, abstract 577
4. Layden, J.E., Cotler, S. and **Clark, N.M.** A candidate gene study of recipient single nucleotide polymorphisms associated with post-liver transplant hepatitis C virus-related fibrosis progression. American Transplant Congress, Boston, MA, June 2012, abstract 525
5. Lowery, E.M., Grim, S., Mahoney, E., Love, R.B., **Clark, N.** Increased incidence of PTLD in adult lung transplant recipients with cystic fibrosis: Analysis of the International Society for Heart and Lung Transplantation Registry. 33<sup>rd</sup> Annual Meeting of the International Society for Heart and Lung Transplantation, Montreal, Canada, April 2013, abstract 377

#### **Local/Regional**

1. **Clark, N.**, Smith, M., Hilfinger, J., and Markovitz, D. Activation of the human T cell leukemia virus type I enhancer is mediated by binding sites for Elf-1 and the p53 factor. Michigan Infectious Diseases Society Scientific Meeting, Royal Oak, Michigan, 1993.
2. **Clark, N. M.**, Hannibal, M.C., and Markovitz, D. M. The peri-κB site mediates human immunodeficiency virus type 2 enhancer activation in monocytes but not in T cells. University of Michigan Department of Internal Medicine Annual Research Day, Ann Arbor, Michigan, 1994
3. “Regulation of HIV-2 Transcription”, Division of Infectious Diseases, University of Pittsburgh Medical Center Infectious Diseases Grand Rounds, April 1995

### **Oral Presentations—Clinical**

#### **National/International**

1. “Highlights of the New Sexually Transmitted Diseases Recommendations”, University of Michigan Advances in the Management of Infectious Diseases: Winter Update, Captiva Island, FL March 2003
2. “HIV Post-exposure Prophylaxis”, University of Michigan Advances in the Management of Infectious Diseases: Winter Update, Captiva Island, FL March 2003
3. “Managing Abnormal Serologic Tests (HCV, HIV, HTLV, VDRL, Lyme EIA and ANA)”, University of Michigan Advances in the Management of Infectious Diseases: Winter Update, Captiva Island, FL March 2003

4. "Herpesvirus Infections in the Healthy and Immunocompromised host", 1er Congreso Internacional de Medicina Interna Universidad de Illinois-Hospital Salvador B. Gautier, VII Simposio Sociedad Dominicana de Medicina Interna, Santo Domingo, Dominican Republic October 2005
5. "Invasive Fungal Infections", 1er Congreso Internacional de Medicina Interna Universidad de Illinois-Hospital Salvador B. Gautier, VII Simposio Sociedad Dominicana de Medicina Interna, Santo Domingo, Dominican Republic October 2005
6. "Infection Control Issues in Solid Organ Transplantation", The Society for Healthcare Epidemiology of America, 16<sup>th</sup> Annual Meeting, Chicago, IL March 2006
7. "Pre-transplant Evaluation and Screening", Joint International Symposium on Infectious Diseases, University of Illinois and Pan American Society of Infectious Diseases, Chicago, IL May 2008
8. "Febrile neutropenia management", BinayTara Foundation Telemedicine Conference, joint project between University of Illinois Medical Center and Manipal College of Medical Sciences, Pokhara, Nepal May 2010
9. "Infections in Liver Transplant Candidates and Recipients", American Association for the Study of Liver Diseases Transplant Hepatology Certification Course, Chicago, IL September 2010

#### **Local/Regional**

1. "Update on HIV Infection", Department of Internal Medicine Conference, St. Joseph Mercy Hospital, Ann Arbor, MI November 1993
2. "Clinical Manifestations of HIV Infection", Michigan Branch of American Society for Microbiology, Ann Arbor, MI November 1994
3. "Update on HIV Infection", Medical College of Ohio Pharmacy Department Continuing Medical Education, Toledo, OH October 2002
4. "Fungal Infections in Solid Organ Transplantation", University of Minnesota Transplant Surgery Grand Rounds, Minneapolis, MN June 2005
5. "HIV Infection for the Primary Care Provider", Mt. Sinai Hospital Family Practice Grand Rounds, Chicago, IL September 2005
6. "Transmission and Treatment of Herpes Simplex Virus", Erie Family Health Clinic, Chicago, IL May 2006
7. "Pretransplant Screening and the High Risk Donor", 1<sup>st</sup> Annual Midwest Transplant Infectious Diseases Fellows Conference, Chicago, IL June 2009
8. "Management of Infections in Cancer Patients", Advocate Lutheran General Hospital Internal Medicine Grand Rounds, Park Ridge, IL March 2015
9. "Vaccinations in the Solid Organ Transplant Population", Loyola University Medical Center Annual Organ Transplant Conference, Maywood, IL March 2018
10. "HIV and Syphilis Testing", Loyola Immediate Care Conference, Burr Ridge, IL April 2018.

#### **Posters**

##### **National/International Meetings**

1. Hedderwick, S., Greenson, J., McGaughy, V., and **Clark, N.** Adenovirus cholecystitis in a patient with acquired immunodeficiency syndrome. 35<sup>th</sup> Annual Meeting of the Infectious Diseases Society of America, San Francisco, California, 1997
2. Vander Hyde, K., **Clark, N.**, Friedman, C., Lynch, J., Martinez, F., Iannettoni, M., Arndt, J. and Chenoweth, C.E. *Aspergillus* outbreak in lung transplant recipients. 11<sup>th</sup> Annual Meeting of the Society for Healthcare Epidemiology of America, Toronto, Canada, April 2001
3. Grim, S.A., Jaffe, H.A., and **Clark, N.M.** A case of BK virus-associated hemorrhagic cystitis in a lung transplant recipient and review of the literature. 13<sup>th</sup> International Symposium on Infections in the Immunocompromised Host, Granada, Spain, June 2004
4. Grim, S.A., Cannon, J., Lee, T., Crank, C., Patel, G., Proia, L., Labuszewski, L., Mullane, K., Jancel, T., and **Clark, N.M.** Utilization of newer antifungals in a large metropolitan setting. Focus on Fungal Infections 16, Las Vegas, NV, March 2006, abstract 1
5. Grim, S.A., Gupta, S., Holloway, M., Sankary, H., Oberholzer, J., Benedetti, J., and **Clark, N.M.** Characteristics of invasive *Candida* infections in solid organ transplant recipients. 14<sup>th</sup> International Symposium on Infections in the Immunocompromised Host, Crans-Montana, Switzerland, July, 2006
6. Grim, S., Slover, G., Sankary, H., Oberholzer, J., Benedetti, E., and **Clark, N.** Risk factors for wound healing complications in sirolimus-treated renal transplant recipients. World Transplant Congress, Boston, MA, July, 2006, abstract 1225; published in American Journal of Transplantation 2006 6(Suppl 2):481 and Transplantation 2006 82(1; Suppl3):481
7. Grim, S., Gupta, S., Holloway, M., Lee, T., Paek, J., Janda, W., and **Clark, N.** *Candida* bloodstream infections (CBSI) at a University Hospital 2001-2004. 44<sup>th</sup> Annual Meeting of the Infectious Diseases Society of America, Toronto, Canada, October 2006, abstract 549
8. Reid, G.E., Grim, S.A., Sankary, H., Oberholzer, J., Benedetti, E., **Clark N.M.** Early intraabdominal infections (IAI) associated with liver transplantation (LT). American Transplant Congress, San Francisco, California, May 2007, abstract 1391; published in Am J Transplant 2007;7(Suppl 2):504
9. Grim, S.A., Hanes, S.D., Teng, C.B., Gupta, S., Holloway, M., Janda, W. and **Clark, N.M.** Timing of antifungal drug administration in *Candida* bloodstream infections: correlation with outcomes. 45<sup>th</sup> Annual Meeting of the Infectious Diseases Society of America, San Diego, CA, October 2007, abstract 1665

10. Ostrosky-Zeichner, L., Sobel, J., Pappas, P., Shoham, S., Barron, M., Reboli, A., Kauffman, C., Donowitz, G., **Clark, N.**, Walsh, T.J., Akins, R., Sable, C., Ngai, A., Bradley, M.E., Nolen, T., Kendrick, A., and Wallace, D. Pilot study of risk-based caspofungin prophylaxis in the ICU: lessons from a multicenter, randomized, double-blind trial and insights into diagnostic performance of surrogate markers. 47<sup>th</sup> Annual Interscience Conference on Antimicrobial Agents and Chemotherapy, Chicago, IL 2007, abstract M-1158
11. Singh, N., Aguado, J., Bonatti, H., Forrest, G., Barron, M., Madinger, N. and the **Zygomycetes Treatment Study Group** (Madinger, N., Gupta, K., Patel, R., **Clark, N.**, Blumberg, E., Safdar, N., Johnson, L., Pursell, K., Houston, S., Kusne, S., Fortun Abete, J., Philit, F., and Philippe, B). Risk factors for zygomycosis in solid organ transplant recipients: a prospective, case-controlled, multicenter, international study. 47<sup>th</sup> Annual Interscience Conference on Antimicrobial Agents and Chemotherapy, Chicago, IL 2007, abstract M-1192
12. Singh, N., Aguado, J., Forrest, G., Barron, M., Bonatti, H., and the **Zygomycetes Treatment Study Group** (Madinger, N., Gupta, K., Patel, R., **Clark, N.**, Blumberg, E., Safdar, N., Johnson, L., Pursell, K., Houston, S., Kusne, S., Fortun Abete, J., Philit, F., and Philippe, B). Unique propensity of liver transplant recipients to disseminated disease and earlier onset of post-transplant zygomycosis: results from a prospective, multicenter study. 48<sup>th</sup> Annual Interscience Conference on Antimicrobial Agents and Chemotherapy/ The 46<sup>th</sup> Annual Meeting of the Infectious Diseases Society of America, Washington, DC, October 2008, abstract M-2166
13. Grim, S.A., **Clark, N.M.**, Dai, Y., Dumanski, J., Reid, G.E. and Williamson, P.R. Host genetic determinants of outcome in *Candida* bloodstream infection (CBSI). US Critical Illness and Injury Trials Group, Bethesda, MD, November 2008, abstract 16
14. Grim, S.A., Alhyraba, M., Costas, A., Oberholzer, J., Benedetti, E., Sankary, H. and **Clark, N.M.** Endemic fungal infections following solid organ transplantation. American Transplant Congress, Boston, MA, June 2009, abstract 1624
15. Grim, S.A., Pereira, E., Guzman, G. and **Clark, N.M.** Cytomegalovirus polymerase chain reaction assay as a diagnostic tool in CMV enteritis after transplantation. American Transplant Congress, Boston, MA, June 2009, abstract 1281
16. Singh, N., Aguado, J., Bonatti, H., Forrest, G., Barron, M., and the **Zygomycosis Transplant Study Group**. Pulmonary zygomycosis in solid organ transplant recipients: risks and outcomes in the current era. American Transplant Congress, Boston, MA, June 2009, abstract 481
17. Layden, J.E., Cotler, S., Brown, K.A., Lucey, M.R., Te, H.S., Eswaran, S., Fimmel, C., Layden, T.J. and **Clark, N.M.** The impact of recipient race on fibrosis progression after HCV-related liver transplant depends on the race of the donor. American Transplant Congress, San Diego, CA, May 2010, abstract 394
18. Kitazono, H., Rog, D., **Clark, N.** Grim, S. and Reid, G. *Acinetobacter baumannii* infections in solid organ transplant recipients. American Transplant Congress. San Diego, CA May 2010, abstract 1351
19. Grim, S.A., Santayana, E., Janda, W. and **Clark, N.M.** Risk factors associated with vancomycin-resistant *Enterococcus* (VRE) infections with reduced susceptibility to linezolid. 48<sup>th</sup> Annual Meeting of the Infectious Diseases Society of America, Vancouver, British Columbia, Canada, October 2010, abstract 260
20. Layden, J.E., Lucey, M., Brown, K., Te, H., Fimmel, C., Cotler, S., Layden, T.J. and **Clark, N.M.** Pre-transplant predictive model of fibrosis progression after transplantation for HCV cirrhosis. 48<sup>th</sup> Annual Meeting of the Infectious Diseases Society of America, Vancouver, British Columbia, Canada, October 2010, abstract 730
21. Layden, J.E., Grim, S.A., Cotler, S. and **Clark, N.M.** Pre-transplant predictive model of survival after liver transplantation. 61<sup>st</sup> Annual Meeting for the American Association for the Study of Liver Diseases, San Francisco, CA, November 2011, abstract 185
22. Reid, G., Grim, S., Layden, J., Akkina, S., Tang, I., Adams, W., Campara, M., Janda, W., **Clark, N.** The use of fosfomycin to treat urinary tract infections in renal transplant recipients. American Transplant Congress, Boston, MA, June 2012, abstract 614
23. Layden, J.E., Gallitano, S., Stolar, E., Anath, A., Adams, W., Reid, G., **Clark, N.M.** The experience and utility of a pre-transplant Infectious Diseases clinic. American Transplant Congress, Boston, MA, June 2012, abstract 602
24. Layden, J.E., Roth, P.J., Gallitano, S., Grim, S., Reid, G., Adams, W. and **Clark, N.M.** Management of latent tuberculosis in solid organ transplant candidates and recipients. ID Week 2012: 1st Joint Meeting of the Infectious Diseases Society of America, the Society for Healthcare Epidemiology of America, the HIV Medicine Association, and the Pediatric Infectious Diseases Society, San Diego, CA, October 2012, abstract 529
25. Scaglione, S.J., Shepard, K., Adams, W., Pappano, E., Ali, A.M., Cheung, A., Vardhan, V., Naravadi, R., Mitchell, J., Tsang, R., Mumtaz, S., Villa, E., Zelisko, S., Kliethermes, S., **Clark, N.**, Cotler, S. Preventative Care quality indicator adherence and factors affecting quality care measurement in patients with cirrhosis: a single-centered study. 65<sup>th</sup> Annual Meeting for the American Association for the Study of Liver Diseases, Boston, MA, October 2014, abstract 1579
26. Beaird, O.E., Freifeld, A., Ison, M., Lawrence, S., Theodoropoulos, N., **Clark, N.**, Razonable, R.R., Alangaden, G., Miller, R., Smith, J., Young, J., Hawkinson, D., Pursell, K. and Kaul, D. Current practices for treatment of RSV and other non-influenza respiratory viruses in high-risk patient populations: a survey of institutions in the Midwestern Respiratory Virus Consortium (MRVC). ID Week 2014, 3rd Joint Meeting of the Infectious Diseases Society of America, Society for Healthcare Epidemiology of America, the HIV Medicine Association and the Pediatric Infectious Diseases Society, Philadelphia, PA, October 2014, abstract #45653
27. Thompson, C., Lie, L., Grim, S., **Clark, N.**, Harrington, A. Identification of diarrheal pathogens in transplant patients using the BioFire Film Array. ASM Microbe, New Orleans, LA, June 2017, abstract #5890.

**Local/Regional Meetings**

1. Morris, J.L., Fernandez, C., Grim, S., Gunderson, S., Paek, J., Schreckenberger, P., **Clark, N.** Use, efficacy and safety of novel antifungals in the clinical setting: a retrospective analysis. Proceedings of the Great Lakes Residency Conference, April 2004
2. Fernandez, C., Morris, J., Grim, S., **Clark, N.** Use of the novel antifungals in a clinical setting: a retrospective evaluation. Proceedings of the Infectious Diseases Pharmacotherapy Fellowship Forum, Vail, CO, June 2004
3. Slover, C.M., Grim, S.A., **Clark NM.** Risk factors for wound healing complications in patients treated with sirolimus post-kidney transplantation. Proceedings of the Great Lakes Residency Conference, April 2005.
4. Santayana, E., Grim, S.A., Janda, W., **Clark N.M.** Risk factors associated with the development of infection or colonization with linezolid-resistant, vancomycin-resistant *Enterococcus* (LR-VRE). Proceedings of the Great Lakes Residency Conference, West Lafayette, IN, April 2009
5. Heinrich, L., Tokumaru, S., Grim, S., Paek, J., Garofalo, J., Clark, N. Implementation and evaluation of an extended infusion piperacillin-tazobactam protocol. Proceedings of the Great Lakes Residency Conference, West Lafayette, IN, April 2009
6. Lie, L., Thompson, C., Mora, N., Grim, S., Harrington, A, **Clark, N.** The epidemiology and risk factors for infectious diarrhea in solid organ transplant patients. St. Albert's Day 2017, Loyola University Stritch School of Medicine, Maywood, IL, November 2017, poster 63