Nina M. Clark M.D.

Loyola University Medical Center Division of Infectious Diseases Mulcahy Building Rm 1622 2160 S. First Avenue Maywood, IL 60153 (708)-216-3135 Phone (708)-216-8198 FAX nmclark@lumc.edu

Education Infectious Diseases Fellowship, University of Michigan, Ann Arbor, MI Internal Medicine Residency, University of Michigan, Ann Arbor, MI M.D., with Honors, University of Illinois, Chicago, IL B.S., summa cum laude in Biology, Loyola University, Chicago, IL	1991 - 1994 1988 - 1991 1984 - 1988 1980 - 1984
Current Positions Director, Division of Infectious Diseases Loyola University Medical Center (LUMC), Maywood, IL	2019 - present
Co-Director, Infectious Disease & Immunology Research Institute Loyola University Chicago Stritch School of Medicine, Maywood, IL	2017 - present
Director, Transplant Infectious Diseases Program, LUMC, Maywood, IL	2012 - present
Director, HIV/AIDS Program, LUMC, Maywood, IL	2014 - present
Director, Travel Medicine Clinic, LUMC, Maywood, IL	2017 - 2020
Assistant Section Chief, Infectious Diseases, Edward Hines Jr. VA, Hines, IL	2021 - present
Attending physician, Edward Hines Jr. VA, Hines, IL	2021 - present
Prior Professional Experience Clinical Director, Division of Infectious Diseases LUMC, Maywood, IL	2018 - 2019
Interim Director, Division of Infectious Diseases 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	2012 - 2013

UIHHSS, Chicago, IL

1988

Associate Professor with tenure Department of Medicine, Section of Infectious Diseases UIHHSS, Chicago, IL	2007 - 2012
Assistant Professor Department of Medicine, Section of Infectious Diseases UIHHSS, Chicago, IL	2003 - 2007
Clinical Assistant Professor Department of Medicine, Division of Infectious Diseases University of Michigan, Ann Arbor, MI	2001 - 2003
Assistant Professor Department of Medicine, Division of Infectious Diseases University of Michigan, Ann Arbor, MI	1995 - 2001
Lecturer Department of Medicine, Division of Infectious Diseases University of Michigan, Ann Arbor, MI	1994 - 1995
Certification and Licensure Diplomate, American Board of Internal Medicine (ABIM) Recertification, Internal Medicine, ABIM Recertification, Internal Medicine, ABIM Recertification, Internal Medicine, ABIM Infectious Diseases Subspecialty Certification, ABIM Recertification, Infectious Diseases Subspecialty Certification, ABIM Recertification, Infectious Diseases Subspecialty Certification, ABIM Illinois State Medical License # 036.108439	1991 2000 - 2011 2011 - 2021 2022 - 2032 1994 2000 - 2014 2014 - 2024 2003 - 2026
Professional Memberships and Activities Fellow, Infectious Diseases Society of America Member, Infectious Diseases Society of America American Society of Transplantation American Society of Transplantation Infectious Diseases Community of Practice Alpha Omega Alpha	2015 1994 - present 2005 - present 2005 - present 1986 - present
Honors and Awards	
Research Top 20 most read article 2017-18 (Aspergillus calidoustus), Transplant Infectious Diseases Editor's Pick Citation in the journal Transplantation for manuscript (the impact of donor and recipient race on survival after hepatitis C-related liver transplantation) Infectious Diseases Society of American Young Investigator Award National Institute of Allergy and Infectious Diseases Clinical Investigator Award (K08) National Institutes of Health National Research Service Award (Institutional Grant)	2018 2011 1994 1994 1992 - 1994
Teaching/Clinical Teaching Honor Roll, LUMC Internal Medicine Residency (top 25% of faculty) Teaching Honor Roll, LUMC Internal Medicine Residency (top 25% of faculty) Teaching Honor Roll, LUMC Internal Medicine Residency (top 25% of faculty) Chicago Magazine Top Doctor Castle Connolly Exceptional Women in Medicine Magis Star Awards, LUMC Teaching Honor Roll, LUMC Internal Medicine Residency (top 25% of faculty) Castle Connolly Top Doctor, West Suburban Living Certificate of Excellence in Teaching Award, UIHHSS Castle Connolly Top Doctor Certificate of Excellence in Teaching Award, UIHHSS Nominated, "Rookie Attending of the Year" by Internal Medicine housestaff, UIHSS	2023 2022 2021 2020 - present 2019 - present 2016, 2019 2018 2014 - present 2012 2011 - present 2010, 2009, 2007 2005
Education	

Graduated with Honors, University of Illinois College of Medicine

Janet M. Glasgow Scholastic Achievement Award of the American Medical Women's Association Alpha Omega Alpha Illinois General Assembly Scholarship Graduated summa cum laude, Loyola University Loyola University Honors Society Academic Scholarship	1988 1986 1985 1984 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	
Pagianal and National Committees and Service	
Regional and National Committees and Service U.S. Food and Drug Administration Antimicrobial Drugs Advisory Committee Consultant National Institutes of Health NIAID Special Emphasis Panel Review (RFA-AI-18-036: Leadership Group for a Clinical Research Network on Antibacterial Resistance)	2023 2019
U.S. Food and Drug Administration Antimicrobial Drugs Advisory Committee Member Midwest Consortium for the Study of Respiratory Viruses	2017 - 2020 2014 - 2016
New Life Volunteering Society Student-Run Free Health Clinic	2012
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	
Loyola University Committees and Service Loyola University Department of Medicine Promotions Committee	2024 - present
Loyola University Clinical Research Office Advisory Council	2021 - present
Loyola University Chicago Stritch School of Medicine Research Funding Committee	2020 - 2024
Loyola University Chicago Healthcare Advisory Committee	2020 - 2022
Loyola University Chicago Faculty Appeals Committee	2020 - 2022
Loyola University Chicago Clinical Research Office COVID-19 Research Taskforce	2020 - 2021
Loyola University Stritch School of Medicine Committee on Academic Rank and Tenure	2018 - present
Admissions Committee, Infectious Diseases & Immunology Research Institute Masters Program	2018 – 2020
Loyola University Stritch School of Medicine Research Leadership Council	2017 - present
Needlestick Taskforce Committee Outpatient Parenteral Antibiotic Therapy Committee	2017 - 2018 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,	2012 - present
Lung)	·
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
Stritch School of Medicine FORWARD Initiative (Faculty Opportunities and Recognition for	2013 - 2014
Women's Advancement, Resilience and Development)	
University of Illinois Committees and Service	
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
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
Alternate, Medical Staff Executive Committee Data Safety Monitoring Committee, Allogeneic Islet Cell Transplantation Program	2004 - 2005 2004 - 2012
Chairman, Anti-Infective Subcommittee of the Hospital Pharmacy & Therapeutics Committee	2004 - 2012 2003 - 2012
Finance, Committee, Department of Medicine	2003 - 2012
Protocol Committee, Solid Organ Transplantation Programs (Renal, Liver, Pancreas, Small	2003 - 2012
Intestine)	
Protocol Committee, Lung Transplantation Program	2003 - 2005

Protocol Committee, Hematopoietic Stem Cell Transplantation Progra	Protocol Committee	, Hematopo	ietic Stem Ce	ell Transp	olantation	Program
--------------------------------------------------------------------	---------------------------	------------	---------------	------------	------------	---------

2003 - 2012

Educational Activities

Lectures and Clinical Conferences Loyola University Medical Center Infectious Diseases Fellow Core Curriculum Lecturer (2 to 3 lectures per year to ID fellows and Internal Medicine residents at Loyola University, University of Chicago and University of Illinois at Chicago)	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	2012 - present
(1 contact hour every 1-2 years) Periodic Internal Medicine Residency Clinicopathologic Conference and Morning Report 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

2002

2000 - 2001

1993 - 2000

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)

Supervision of 3rd year medical students and Internal Medicine and Medicine-Pediatrics residents in a weekly half-day outpatient clinic

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

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

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

University of Michigan M-2 Clinical Skills Instructor

Shared Course Teaching Loyola University Chicago Infectious Disease & Immunology Research Institute Case Discussion Organizer and Leader	2017 - present
(3-5 contact hours/year for 2 nd year InDIRI graduate students)	·
Bioethics 395: Special Topics HIV/AIDS; Testing and Treatment of HIV (1 contact hour/year)	2020
Loyola University Medical Center	
Academic Research Curriculum for Internal Medicine Residents, ad hoc (2-3 contact hours per year to perform an in-depth analysis of journal articles)	2020 - present
Center for Community and Global Health Essential Topics: Infectious Diseases, Stritch School of Medicine (1 contact hour/year)	2018 - 2019
Mechanisms of Human Disease for M-2 students, HIV (1 contact hour/year) Academic Research Curriculum for Internal Medicine Residents (2.0 contact hours per year to perform an in death analysis of journal articles)	2016 - 2019 2013 - 2019
(8-9 contact hours per year to perform an in-depth analysis of journal articles) Clinical Skills Preceptor Program	2012 - 2013
University of Illinois Hospital and Health Sciences System	2000 2010
Essentials of Clinical Medicine Course: Introduction to Patient Care University of Illinois College of Medicine Club Med seminar series for medical students	2009 - 2010 2005, 2009
Yearly Applied Pathophysiology course for University of Illinois Physical Therapy students: Immune system disorders: HIV and organ transplantation	2006 - 2012
University of Michigan	

4/15/20 - 12/21/20

AIDS Update, University of Michigan School of Public Health Post-Graduate Infectious Diseases 1993 Review Course **Grants and Contract Awards Current Support** Co-investigator (Susan Uprichard, PI) 12/1/21 - 11/30/24 Walder Foundation Breakthroughs, boosters, and biorepositories (B3), \$289,580 (Loyola part only), 10% effort **Medical Director** 3/1/20 - 2/28/24 Department of Health and Human Services Health Resources & Services Administration (HRSA) Ryan White Title Part A: Emergency Relief Grant Program, \$177,876 annual direct costs Site Principal Investigator 1/18/22 - present National Center for Advancing Translational Sciences, National Institutes of Health ACTIV-6: COVID-19 outpatient randomized trial to evaluate efficacy of repurposed medications Co-Investigator (Fritzie Albarillo, PI) 12/18/19 - present Loyola University of Chicago Research Funding Committee Grant The impact of urethral catheters on the lower urinary tract microbiota and the development of catheter-associate urinary tract infection, \$50,000 direct costs Co-Investigator (Fritzie Albarillo and Alan Wolfe, Pls) 2/11/21 - present Loyola University Chicago Infectious Disease & Immunology Research Institute Pilot **Funding Award** Urobiome changes of kidney transplant recipients, \$5,000 direct costs Recent Support (Last 5 years) **Principal Investigator** 9/19/19 - 12/31/2023 Ansun Biopharma, Inc. A phase III randomized placebo-controlled study to examine the efficacy and safety of DAS181 for treatment of lower respiratory tract parainfluenza infection in immunocompromised subjects Principal Investigator 6/17/20 - 7/23/22ContraFect Corp. A randomized, double-blind, placebo-controlled study of the efficacy and safety of a single dose of Exebacase in adult patients receiving standard-of-care antibiotics for the treatment of Staphylococcus aureus bloodstream infections, including right-sided infective endocarditis 10/15/20 - 10/15/21 Co-investigator (Abigail Silva, PI) **Walder Foundation** COVID Equity Reponse Collaborative (CERCL): Understanding COVID-19 transmission in communities of color, \$1.09 million direct costs, donated effort **Principal Investigator** 6/24/20 - 6/30/21 BeiGene Treatment of patients hospitalized for COVID-19 infection and pulmonary distress with Zanubrutinib 5/21/20 - 7/31/21 Principal Investigator Janssen Research & Development Phase 2, randomized, double-blind, placebo-controlled study to evaluate the efficacy and safety of sirukumab in confirmed severe or critical COVID-19 disease Principal Investigator 6/4/20 - 6/30/21 Phase 3, randomized, double-blind, placebo-controlled, multicenter study to assess the efficacy and safety of ruxolitinib in participants with COVID-19-associated ARDS who require mechanical ventilation

DAS181 for COVID-19, a multicenter, randomized, placebo-controlled, double-blind study

Principal Investigator

Ansun BioPharma

2017

2007 - 2012

Principal Investigator 12/1/16 - 12/31/20 **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 Principal Investigator 12/1/16 - 12/31/20 **Shire** 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 **Medical Director** 3/1/19 - 2/29/20 Department of Health and Human Services Health Resources & Services Administration "Ryan White Title Part A: Emergency Relief Grant Program", \$197,560 annual direct costs 12/1/16 - 12/31/19 **Principal Investigator** Astellas Pharma Observational disease registry of patients treated with systemic mold-active triazoles **Medical Director** 3/1/14 - 2/28/19 Department of Health and Human Services HRSA "Ryan White Title Part A: Emergency Relief Grant Program", \$1,319,314 direct costs **Editorial Board Appointments** Ad Hoc Editor Seminars in Respiratory and Critical Care Medicine 2020 Guest editor, "Pulmonary and invasive fungal infections" 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 Journal of Antimicrobial Chemotherapy Journal of Urology Liver Transplantation Mycoses Open Forum Infectious Diseases 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 (Other Infection Including 2024 Heart and Lung) American Society of Transplantation American Transplant Congress (Other Infection Including 2023 Heart and Lung) American Society of Transplantation American Transplant Congress (All Non-Renal Infections) 2018

Infectious Diseases Society of America IDWeek (HIV Pathogenesis)

American Society of Transplantation American Transplant Congress (Viral Infections)

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. <u>Journal of Trauma</u> 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. <u>Journal of Virology</u> 67:4448-4453, 1993.
- 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. <u>Journal of Virology</u> 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 pets factor. <u>Journal of Virology</u> 67:5522-5528, 1993.
- 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. <u>Journal of Infectious Diseases</u> 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. <u>Clinical Infectious Diseases</u> 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. <u>Journal of Virology</u> 69:4854-4862, 1995.
- 9. Hedderwick, S.A., Greenson, J.K., McGaughy, V.R., and **Clark, N.M.** Adenovirus cholecystitis in a patient with acquired immunodeficiency syndrome. <u>Clinical Infectious Diseases</u> 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. <u>AIDS</u> 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 vancomycinresistant *Enterococcus faecium* bacteremia with linezolid after failure of Synercid (quinupristin/dalfopristin) treatment. <u>Clinical Infectious Diseases</u> 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. <u>Journal of Virology</u> 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). <u>Seminars in Respiratory and Critical Care Medicine</u> 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. <u>Current Opinion in Critical Care</u> 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. <u>Infection Control and Hospital Epidemiology</u> 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. <u>Current Respiratory Medicine Reviews 1:261-4, 2005.</u>
- 22. Jain, R., Linares-Diaz, M., Clark, N.M., and Grim, S.A. Limitations of current antiretroviral agents and opportunities for development. <u>Current Pharmaceutical Design</u> 12:1065-74, 2006.
- 23. Day, L.J., Chenoweth, C.E., Vander Hyde, K., Lynch, J.P., lannettoni, M., and **Clark, N.M.** *Aspergillus* infections following lung transplantation. <u>Infectious Diseases in Clinical Practice</u> 14:283-8, 2006.
- 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. <u>Transplantation Proceedings</u> 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. <u>Transplant Infectious Disease</u> 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. <u>Journal of Antimicrobial Chemother</u>apy 63(2):414-6, 2009.
- 31. Grim, S.A., and **Clark, N.M.** The role of adjuvant agents in treating fungal diseases. <u>Current Fungal Infection Reports</u>. 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. <u>Transplantation</u> 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-Florl, 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.
- 35. Singh, N., Aguado, J.M., Bonatti, H., Forrest, G., Gupta, K.L., Safdar, N., John, G.T., Pursell, K.J., Muñoz, P., Patel, R., Fortun, J., Martin-Davila, P., Philippe, B., Philit, F., Tabah, A., Terzi, N., Chatelet, V., Kusne, S., Clark, N., Blumberg, E., Blanes Julia, M., Humar, A., Houston, S., Lass-Flörl, C., Johnson, L., Dubberke, E.R., Barron, M. and Lortholary, O. Zygomycosis in solid organ transplant recipients: a prospective, matched case-control study to assess risks for disease and outcome. Journal of Infectious Diseases 200(6):1002-11, 2009.
- 36. Clark, N.M. and the AST Infectious Diseases Community of Practice. *Nocardia* in solid organ transplant recipients American Journal of Transplantation 9(s4):S70-S77, 2009.
- 37. Patel, P., Sweiss, K., Shatavi, S., Peace, D., **Clark, N.** and Rondelli, D. The impact of novel influenza A (H1N1) after hematopoietic stem cell transplantation. Bone Marrow Transplantation 45(12):1756-7, 2010.
- 38. Grim, S.A., Pereira, E., Guzman, G., and **Clark, N.M.** CMV PCR as a diagnostic tool for CMV gastrointestinal disease after solid organ transplantation. <u>Transplantation</u>, 90(7):799-801, 2010.
- 39. Jarrett, O., Grim, S.A., Benedetti, E. and **Clark, N.M.** Gastrointestinal tuberculosis in the renal transplant population: case report and review of the literature, <u>Transplant Infectious Disease</u> 13(1):52-7, 2011.
- 40. Heinrich, L.S., Tokumaru, S., **Clark, N.M.**, Garofalo, J., Paek, J.L. and Grim, S.A. Development and implementation of a piperacillin-tazobactam extended infusion guideline. <u>Journal of Pharmacy Practice</u> 24(6):571-6, 2011.
- 41. Grim, S.A. and **Clark, N.M.** Management of infectious complications in solid-organ transplant recipients. <u>Clinical Pharmacology and Therapeutics</u> 90(2):333-42, 2011.
- 42. Clark, N.M. and Lynch, J.P. Influenza: epidemiology, clinical features, therapy, and prevention. <u>Seminars in</u> Respiratory and Critical Care Medicine 32(4):373-92, 2011.
- 43. Grim, S.A., Proia, L., Miller, R., Alhyraba, M., Costas-Chavarri, A., Oberholzer, J. and Clark, N.M. A multicenter study of histoplasmosis and blastomycosis after solid organ transplantation. <u>Transplant Infectious</u> Disease 14(1):17-23, 2012.
- 44. Grim, S.A., Berger, K., Teng, C., Gupta, S., Layden, J.E., Janda, W.M., and Clark, N.M. Timing of susceptibility-based antifungal drug administration in patients with *Candida* bloodstream infection: correlation with outcomes. Journal of Antimicrobial Chemotherapy 67(3):707-14, 2012.
- 45. Layden, J., Cotler, S., Grim, S., Fischer, M., Lucey, M., and Clark, N. Impact of donor and recipient race on survival after hepatitis C-related liver transplantation. <u>Transplantation</u> 93(4):444, 2012 (Editor's Pick citation).
- 46. Santayana, E., Grim, S.A., Janda, W., Layden, J.E., Lee, T.A., and **Clark, N.M.** Risk factors and outcomes associated with vancomycin-resistant *Enterococcus* (VRE) infections with reduced susceptibility to linezolid. Diagnostic Microbiology and Infectious Diseases 74(1):39-42, 2012.
- 47. Layden, J., Cotler, S., Brown, K., Lucy, M., Te, Helen, Eswaran, S., Fimmel, C., Layden, T. and **Clark, N.**Racial differences in fibrosis progression after HCV-related liver transplantation. <u>Transplantation</u> 94(2):178-84, 2012.
- 48. Lynch, J.P., **Clark, N.M.**, and Zhanel, G.G. Evolution of antimicrobial resistance among Enterobacteriaceae (focus on ESBLs and carbapenemases). <u>Expert Opinion on Pharmacotherapy</u> 14(2):199-210, 2013.
- 49. Rowe J, Grim S.A., Peace D., Lai C., Sweiss K., Layden, J.E., and **Clark, N.M.** The significance of cytomegalovirus viremia at day 100 or more following allogeneic hematopoietic stem cell transplantation. Clinical Transplantation 27(4):510-6, 2013.
- 50. **Clark, N.M.**, Reid, G.E. and the AST Infectious Diseases Community of Practice. *Nocardia* in solid organ transplant recipients. <u>American Journal of Transplantation</u> 13(s4):83-92, 2013.
- 51. **Clark, N.M.**, Lynch J.P., Sayah, D., Belperio, J.A., Fishbein, M.C. and Weigt, S. DNA viral infections complicating lung transplantation. <u>Seminars in Respiratory and Critical Care Medicine</u> 34:380-404, 2013.
- 52. Reid, G.E., Grim, S.A., Layden, J.E., Akkina, S., Tang, I., Adams, W., Campara, M., and **Clark, N.M.** The use of fosfomycin to treat urinary tract infections in kidney transplant recipients. <u>Transplantation</u> 96(3):e12-4, 2013.
- Layden, J.E., Tayo, B.O., Cotler, S.J., Clark, N.M., Baraoidan, K., Friedman, S.L. and Cooper, R.S. Association of genetic variants with rapid fibrosis progression after liver transplantation for hepatitis C.

- Transplantation 97(10):1072-8, 2014.
- 54. Cannon, J.P., Lee, T.A., **Clark, N.M.**, Setlak, P., and Grim, S.A. The risk of seizures among the carbapenems: a meta-analysis. <u>Journal of Antimicrobial Chemotherapy</u> 69(8):2043-55, 2014.
- 55. Kitazono, H., Rog, D., Grim, S.A., **Clark, N.M.** and Reid, G.E. *Acinetobacter baumannii* infection in solid organ transplant recipients. <u>Clinical Transplantation</u> 29(3):227-32, 2015.
- 56. Mehrad, B., **Clark, N.M.,** Zhanel, G.G., and Lynch, J.P. Antimicrobial resistance in hospital-acquired Gramnegative bacterial infections. <u>Chest</u> 147(5):1413-21, 2015.
- 57. Grim, S.A., Layden, J.E., Jain, P., Gallitano, S., Adams, W., and **Clark, N.M.** Latent tuberculosis in abdominal transplant patients: a review of treatment practices and outcomes. <u>Transplant Infectious Diseases</u> 17(5):768-77, 2015.
- 58. Clark, N.M., Grim, S.A., and Lynch, J.P. Posaconazole: use in the prophylaxis and treatment of fungal infections. Seminars in Respiratory and Critical Care Medicine 36:776-94, 2015.
- 59. Roth, P., Grim, S., Gallitano, S., **Clark, N.**, and Layden, J. Serial testing for latent tuberculosis infection in transplant candidates: a retrospective review. Transplant Infectious Diseases 18:14-21, 2016.
- 60. Mohamed, A., Waheed, S.A., Mohamed, N., and Clark, N. A Complex Problem: An 87-Year-Old Man with Acute Catastrophic Pneumonia. Annals of the American Thoracic Society 13:432-43, 2016.
- 61. Beaird, O.E., Freifeld, A., Ison, M.G., Lawrence, S.J., Theodoropoulos, N., Clark, N.M., Razonable, R.R., Alangaden, G., Miller, R., Smith, J., Young, J.A., Hawkinson, D., Pursell, K. and Kaul, D.R. Current practices for treatment of respiratory syncytial virus and other non-influenza respiratory viruses in high-risk patient populations: a survey of institutions in the Midwestern Respiratory Virus Collaborative. Transplant Infectious-biseases 18(2):210-5, 2106.
- 62. Seroy, J.T., Grim, S.A., Reid, G.E., Wellington, T., and **Clark, N.M.** Treatment of multidrug-resistant urinary tract infections with oral fosfomycin, a retrospective analysis. <u>Journal of Antimicrobial Chemotherapy</u> 71(9):2563-8, 2016.
- 63. Reid, G.E., Lynch, J.P., Weigt, S., Sayah, D., Belperio, J.A., and **Clark, N.M.** Herpesvirus respiratory infections in immunocompromised patients: epidemiology, management and outcomes. <u>Seminars in</u> Respiratory and Critical Care Medicine 37(4):603-30, 2016.
- 64. Clark, N.M., Zhanel, G.G., and Lynch, JP. Emergence of antimicrobial resistance among *Acinetobacter baumannii* complex: a global threat. <u>Current Opinion in Critical Care</u> 22(5):491-9, 2016.
- 65. Grim, S.A., Reid, G.E., and **Clark, N.M.** Update in the treatment of non-influenza respiratory virus infection in solid organ transplant recipients. Expert Opinion on Pharmacotherapy 18(8):767-79, 2017.
- 66. Lynch, J.P., Zhanel, G.G., and Clark, N.M. Infections due to *Acinetobacter baumannii* in the ICU: treatment options. Seminars in Respiratory and Critical Care Medicine 38:311-25, 2017.
- 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. <u>Transplant Infectious Diseases</u> 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. <u>Journal of Cystic Fibrosis</u>, 16(6):727-34, 2017.
- 70. **Clark, N.M.**, Weigt, S.S., Fishbein, M.C., Kubak, B., Belperio, J.A., Lynch, J.P. Fungal infections complicating lung transplantation. <u>Seminars in Respiratory and Critical Care Medicine</u> 39:227-54, 2018.
- 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. <u>Clinical Transplantation</u> e13509 doi: 10.1111/ctr.13509. [Epub ahead of print], February 29, 2019.
- 72. Wenzler, E., Santarossa, M., Meyer, K.A., Harrington, A.T., Reid, G.E., **Clark, N.M.**, Albarillo, F.S., Bulman, Z.P. In vitro pharmacodynamic analyses help guide the treatment of multidrug-resistant *Enterococcus faecium* and carbapenem-resistant *Enterobacter cloacae* complex bacteremia in a liver transplant patient. <u>Open Forum</u> Infectious Diseases, epub 1/4/20; doi.org/10.1093/ofid/ofz545.
- 73. **Clark, N.M.** Pulmonary and invasive fungal infections. <u>Seminars in Respiratory and Critical Care Medicine</u> 41:1-2, 2020.
- 74. Reid, G., Lynch, J.P., Fishbein, M.C., Clark, N.M. Mucormycosis. <u>Seminars in Respiratory and Critical Care</u> Medicine 41:99-114, 2020.
- 75. Lynch, J.P., Reid, G, and **Clark, N.M.** *Nocardia* spp: a rare cause of pneumonia globally. <u>Seminars in Respiratory and Critical Care Medicine</u> 41:538-54, 2020.
- 76. Lynch, J.P., **Clark, N.M.**, and Zhanel, G.G. Escalating antimicrobial resistance among Enterobacteriaceae: focus on carbapenemases. <u>Expert Opinion on Pharmacotherapy</u> 22(11):1455-73, 2021.
- 77. Linder K., Kovacs C,. Mullane K., Wolfe C., Clark N., Small C.B., La Hoz R., Smith J., Kotton C., Limaye A,. Malinis M., Hakki M., Mishkin A., Gonzalez A., and Kaul D. Letermovir treatment of cytomegalovirus infection or disease in solid organ and hematopoietic cell transplant recipients. <u>Transplant Infectious Diseases</u> 23(4):e13687, 2021.
- 78. Deng, X., Evdokimova, M., O'Brien, A., Rowe, C., **Clark, N.M.**, Harrington, A., Reid, G.E., Uprichard, S., and Baker, S.C. Breakthrough infections with multiple lineages of SARS-CoV-2 variants reveals continued risk of severe disease in immunosuppressed patients. Viruses 13(9):1743, 2021.
- 79. Thompson, G.R., Garcia-Diaz, J., Miceli, M.H., Nguyen, M.H., Ostrosky-Zeichner, L., Young, J-A.H., Fisher, C.E., Clark, N.M., Greenberg, R.H., Spec, A., Kovanda, L., Croos-Dabrera, R., Kontoyiannis, D.P. Systemic

- antifungal therapy with isavuconazonium sulfate or other agents in adults with invasive mucormycosis or invasive aspergillosis (non-fumigatus species): a multicenter, noninterventional registry study. Mycoses 65(2):186-98. 2022.
- 80. Uprichard, S.L., O'Brien, A., Evdokimova, M., Rowe, C.L., Joyce, C., Hackbart, M., Cruz-Pulido, Y.E., Cohen, C., Rock, M., Dyne, J.M., Kuehnert, P., Ricks, K.M., Casper, M., Linhart, L, Anderson, K., Kirk, L., Maggiore, J.A., Herbert, A.S., Clark, N.M., Reid, G.E., Baker, S.C. Antibody response to SARS-CoV-2 infection and vaccination in COVID-19 naïve and experienced individuals. Viruses 14(2):370, 2022.
- 81. Lynch, J.P., **Clark, N.M.**, and Zhanel, G.G. Infections due to *Acinetobacter baumannii-calcoaceticus* complex: escalation of antimicrobial resistance and evolving treatment options. <u>Seminars in Respiratory and Critical Care Medicine 43(1):97-124</u>, 2022.
- 82. Luu, T., Khalid, R., Rehman, T., Clark, N.M. Disseminated *Nocardia paucivorans* infection resembling metastatic disease in a kidney transplant recipient. Cureus 14(5):e25365, doi 10.7759/cureus.25365, 2022.
- 83. Feng, S., Ali, M., Evdokimova, M., Reid, G.E., Clark, N.M., Uprichard, S.L., Baker, S.C. Sequencing during times of change: evaluating SARS-CoV-2 clinical samples during the transition from the Delta to Omicron wave. Viruses, 14(7):1408, 2022.
- 84. Chen, F., Saab-Chalhoub, M., Tao, J., Harrington, A.T., Albarillo, F.S., Crone, A.S., Clark, N.M., Speiser, J.J. Disseminated Protothecosis due to *Prototheca zopfii* and literature review. <u>American Journal of Dermatopathology</u>, 45(4):237-41, 2023.
- 85. Semler, M., Pax, L., McNamara, K.F., Joyce, C., Shore, J., Morey, C., Gawne, E., Clark, N.M. Reported HIV-related stigma according to race and ethnicity. <u>AIDS Care</u>, 35(8):1251-8, 2023.
- 86. Feng, S., Reid, G.E., **Clark, N.M.**, Harrington, A., Uprichard, S.L., Baker, S.C. Evidence of SARS-CoV-2 convergent evolution in immunosuppressed patients treated with antiviral therapies. <u>Virology Journal</u>, 21:105, 2024, https://doi.org/10.1186/s12985-024-02378-y.

Contributions to Peer-Reviewed Publications, Participation Cited

- 1. Marr, K.A., Schlamm, H.T., Herbrecht, R., Rottinghaus, S., Bow, E.J., Cornely, O.A., Heinz, W.J., Jagannatha, S., Koh, L.P., Kontoyiannis, D.P., Lee, D.G., Nucci, M., Pappas, P.G., Slavin, M.A., Queiroz-Telles, F., Selleslag, D., Walsh, T.J., Wingard, J.R., and Maertens, J.A. Combination antifungal therapy for invasive aspergillosis: a randomized trial. <u>Annals of Internal Medicine</u> 162(22):81-9, 2015.
- 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.
- Saharia, K., Anjan, S., Streit, J., Beekmann, S.E., Polgreen, P.M., Kuehnert, M., Segev, D., Baddley, J.W., and Miller, R. on behalf of the EIN COVID-19 Study Team. Clinical characteristics of COVID-19 in solid organ transplant recipients following COVID-19 vaccination: a multicenter case series. <u>Transplant Infectious</u> Diseases, 24(2):e13774, doi 10.1111/tid.13774, 2022.
- 4. Avery, R.K., Alain, S., Alexander, B.D., Blumberg, E.A., Chemaly, R.F., Cordonnier, C., Duarte, R.F., Florescu, D.F., Kamar, N., Kumar, D., Maertens, J., Marty, F.M., Papanicolaou, G.A., Silveira, FP., Witzke, O., Wu, J., Sundberg, A.K., Fournier, M., and the SOLSTICE Trial Investigators. Maribavir for refractory cytomegalovirus infections with or without resistance post-transplant: results from a phase 3 randomized clinical trial. Clinical Infectious Diseases, Epub ahead of print, doi 10/1093/cid/ciab988, December 2, 2021.
- Jacobs, A.C., Khosrowshahi, L., Risi, G., Beekmann, S., Polgreen, P.M. and the COVID-19 Study Team and Albrecht, M. Impact of bacterial infections and antibiotic use on hospitalized COVID-19 patients: an Emerging Infections Network survey. COVID 2:649-69, doi 10.3390/covid2050049, 2022.
- Ostrosky-Zeichner, L., Nguyen, M.H., Bubalo, J., Alexander, B.D., Miceli, M.H., Pappas, P.G., Jiang, J., Song, Y., Thompson, G.R. Multicenter registry of patients receiving systemic mold-active triazoles for the management of invasive fungal infections. Infectious Diseases & Therapy, 11(4):1609-29, 2022.

Non-Peer Reviewed Publications

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

Chapters

- Clark, N.M. and Chenoweth, C.E. Streptococcal infections. In <u>APIC Text of Infection Control and Epidemiology</u>. Association for Professionals in Infections Control and Epidemiology, 2nd edition, Washington, DC, 2005, pp. 70-1 to 70-13.
- Clark, N.M. Legionella infections complicating lung and solid organ transplantation. In <u>Lung and Heart-Lung Transplantation</u>, Eds. Joseph P. Lynch and David Ross. <u>Lung Health and Biology in Disease Series</u>, 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.

- Templer, S., Clark, N.M. Skin and soft tissue infections. In <u>Textbook of Diagnostic Microbiology</u>, Ed. Connie Mahon, Donald Lehman, and George Manuselis, Elsevier, Philadelphia, PA, 4th 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.
- Clark, N.M. Tuberculosis: treatment and prevention. In <u>The American Society of Transplantation (AST)</u>
 <u>Handbook of Transplant Infections</u>, Eds. Deepali Kumar and Atul Humar. Wiley-Blackwell, West Sussex, UK. 2011, p. 74-6.
- Clark, N.M. Treatment of non-tuberculous Mycobacterium infections. In <u>The American Society of Transplantation (AST) Handbook of Transplant Infections</u>, 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* <u>Textbook of Diagnostic Microbiology</u>, Ed. Connie Mahon, Donald Lehman, and George Manuselis, Elsevier, Philadelphia, PA, 5th edition, 2015 Chapter 33, p. 804-34.
- Clark, N.M. Skin and soft tissue infections. In <u>Textbook of Diagnostic Microbiology</u>, Ed. Connie Mahon, Donald Lehman, and George Manuselis, Elsevier, Philadelphia, PA, 6th edition, 2018 Chapter 33, p. 795-828.
- 10. **Clark, N.M.** and Cotler, S.J. Infectious complications in liver transplantation. *In* <u>UpToDate</u>, Ed. T.W. Post, UpToDate, Waltham, MA, last update April 2024.
- 11. **Clark, N.M.** Skin and soft tissue infections. *In* <u>Textbook of Diagnostic Microbiology</u>, Ed. Connie Mahon, Donald Lehman, and George Manuselis, Elsevier, Philadelphia, PA, 7th edition, 2021 Chapter 33, p. 832-68.

Abstracts and External Presentations

Oral Presentations—Research National/International

- 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. 6th Annual Joint Meeting of the American Society of Transplantation and the American Society of Transplant Surgeons, Seattle, WA, May, 2005, abstract 1384.
- 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. 60th 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. 61st Annual Meeting for the American Association for the Study of Liver Diseases, San Francisco, CA, November 2011, abstract 577.
- 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. <u>American Transplant</u> Congress, Boston, MA, June 2012, abstract 525.
- 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. 33rd Annual Meeting of the International Society for Heart and Lung Transplantation, Montreal, Canada, April 2013, abstract 377.
- Thompson, G.R., Garcia-Diaz, J., Miceli, M.H., Nguyen, M.H., Ostrosky-Zeichner, L., Young, J-A.H., Fisher, C., Clark, N.M., Greenberg, R.H., spec, A., Kovanda, L., Croos-Dabrera, R., Kontoyiannis, D.P. Systemic antifungal therapy (AFT) with isavuconazonium sulfate or other AFT in adults with invasive mucormycosis or invasive aspergillosis caused by a non-fumigatus species: a multicenter, noninterventional registry study. 30th ECCMID, Paris, France, April 2020, abstract 331.
- 7. Linder, K., Mishkin, A., Gonzalez, A., Wolfe, C., Small, C., Spak, D., Kovacs, C., Ostrander, D., Boldget, E., Smith, J., Mullane, K., Lee, K., Kotton, C., Limaye, A., Maricar, M., Hakki, M., Clark, N., Meena, R., LaHoz, R., Kaul., D. Letermovir treatment for established cytomegalovirus infection in transplant recipients. <u>American Transplant Congress, Philadelphia, PA, June 2020, abstract 3962.</u>
- 8. Yu, M., Sharmin, M.B., Joyce, C., Pieters, Z., De Sirkar, S., Thomas, M., Kim, S., Bruno, E., Liebo, M., Heroux, A., **Clark, N.**, Reid, G., Uprichard, S. COVID-19 vaccine efficacy in heart transplant recipients, a single center experience. <u>American Transplant Congress</u>, Boston, MA, June 2022, abstract 242.
- 9. Pieters, Z., Bruno, E., Kim, S., DeSirkar, S., Thomas, M., Sharmin, S.B., Liebo, M., Heroux, A., Clark, N., Reid, G., Uprichard, S., Yu., M. Effect of COVID-19 vaccination on markers of rejection in heart transplant recipients. American Transplant Congress, Boston, MA, June 2022, abstract 140.

Local/Regional

- 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 pets factor. <u>Michigan Infectious Diseases Society Scientific Meeting</u>, Royal Oak, Michigan, 1993.
- 2. Clark, N. M., Hannibal, M.C., and Markovitz, D. M. The peri-□B site mediates human immunodeficiency virus type 2 enhancer activation in monocytes but not in T cells. <u>University of Michigan Department of Internal Medicine Annual Research Day</u>, Ann Arbor, Michigan, 1994

- 3. "Regulation of HIV-2 Transcription", Division of Infectious Diseases, <u>University of Pittsburgh Medical Center</u> Infectious Diseases Grand Rounds, April 1995.
- "Loyola COVID-19 Research The Insider Experience", Loyola University Chicago-sponsored webinar, June 30, 2020.
- 5. Fernandez, A.C., Arif, A., and **Clark, N.M.** Unusual presentation of *Rickettsia parkeri* Infection in an immunosuppressed lung transplant recipient. <u>Chicago Transplant Infectious Diseases Symposium</u>, Rush University Medical Center, May 22, 2024; winner, best clinical case presentation.

Oral Presentations—Clinical National/International

- 1. "Highlights of the New Sexually Transmitted Diseases Recommendations", <u>University of Michigan Advances in the Management of Infectious Diseases: Winter Update</u>, Captiva Island, FL March 2003.
- 2. "HIV Post-exposure Prophylaxis", <u>University of Michigan Advances in the Management of Infectious Diseases:</u>
 Winter Update, Captiva Island, FL March 2003.
- 3. "Managing Abnormal Serologic Tests (HCV, HIV, HTLV, VDRL, Lyme EIA and ANA)", <u>University of Michigan Advances in the Management of Infectious Diseases: Winter Update</u>, Captiva Island, FL March 2003.
- "Herpesvirus Infections in the Healthy and Immunocompromised host", <u>1er Congreso Internacional de Medicina</u> <u>Interna Universidad de Illinois-Hospital Salvador B. Gautier, VII Simposio Sociedad Dominicana de Medicina</u> <u>Interna</u>, Santo Domingo, Dominican Republic October 2005.
- "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", <u>The Society for Healthcare Epidemiology of America</u>, 16th Annual Meeting, Chicago, IL March 2006.
- 7. "Pre-transplant Evaluation and Screening", <u>Joint International Symposium on Infectious Diseases</u>, University of Illinois and Pan American Society of Infectious Diseases, Chicago, IL May 2008.
- 8. "Febrile neutropenia management", <u>BinayTara Foundation Telemedicine Conference</u>, 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", <u>American Association for the Study of Liver Diseases Transplant Hepatology Certification Course</u>, Chicago, IL September 2010.
- 10. "The Compromised Immunocompromised Host", Co-moderator, Session 307, <u>IDWeek</u>, Washington, D.C., October 2019.

Local/Regional

- "Update on HIV Infection", <u>Department of Internal Medicine Conference</u>, 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", <u>Medical College of Ohio Pharmacy Department Continuing Medical Education</u>, Toledo, OH October 2002.
- 4. "Fungal Infections in Solid Organ Transplantation", <u>University of Minnesota Transplant Surgery Grand Rounds</u>, Minneapolis, MN June 2005.
- "HIV Infection for the Primary Care Provider", <u>Mt. Sinai Hospital Family Practice Grand Rounds</u>, 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", 1st Annual Midwest Transplant Infectious Diseases Fellows Conference, Chicago, IL June 2009.
- 8. "Management of Infections in Cancer Patients", <u>Advocate Lutheran General Hospital Internal Medicine Grand Rounds</u>, Park Ridge, IL March 2015.
- 9. "Vaccinations in the Solid Organ Transplant Population", <u>Loyola University Medical Center Annual Organ</u> Transplant Conference, Maywood, IL March 2018.
- 10. "HIV and Syphilis Testing", Loyola Immediate Care Conference, Burr Ridge, IL April 2018.
- "Update on COVID-19 Infection", <u>Loyola University Medical Center Lung Transplant Support Group</u>, (via video), November 2020.
- 12. "Vaccinations and the Loyola Community", Loyola University Chicago-sponsored webinar, March 4, 2021.
- 13. "Update on COVID-19 Infection and Vaccination", <u>Loyola University Medical Center Heart Transplant Support Group</u>, (via video), October 2021.

Posters

National/International Meetings

 Hedderwick, S., Greenson, J., McGaughy, V., and Clark, N. Adenovirus cholecystitis in a patient with acquired immunodeficiency syndrome. 35th Annual Meeting of the Infectious Diseases Society of America, San Francisco, California, 1997.

- 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. <u>11th Annual Meeting of the Society for Healthcare</u> Epidemiology of America, Toronto, Canada, April 2001.
- 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. 13th 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.
- 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. 14th 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. <u>World Transplant Congress</u>, Boston, MA, July, 2006, abstract 1225; published in <u>American Journal of Transplantation</u> 2006 6(Suppl 2):481 and <u>Transplantation</u> 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. 44th 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). <u>American Transplant Congress</u>, 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. <u>45th Annual Meeting of the</u> 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. 47th 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 **Zygomyces 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. <u>47th Annual Interscience Conference on Antimicrobial Agents and Chemotherapy</u>, Chicago, IL 2007, abstract M-1192.
- 12. Singh, N., Aguado, J., Forrest, G., Barron, M., Bonatti, H., and the **Zygomyces 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. 48th Annual Interscience Conference on Antimicrobial Agents and Chemotherapy/ The 46th 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). <u>US Critical Illness and Injury Trials Group</u>, 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. <u>American Transplant Congress</u>, Boston, MA, June 2009, abstract 1624.
- 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. <u>American Transplant Congress</u>, 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. <u>American</u> 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. <u>American Transplant Congress</u>, 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. <u>American Transplant Congress.</u> 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. 48th Annual Meeting of the Infectious <u>Diseases Society of America</u>, 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. 48th 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. 61st 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. <u>American Transplant Congress</u>, 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. <u>American Transplant Congress</u>, 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. <u>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.</u>
- 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. 65th 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. <u>ASM Microbe</u>, New Orleans, LA, June 2017, abstract #5890.
- 28. Shah, U., Aldulescu, M., Reid, G., **Clark, N.** Successful treatment of disseminated fusariosis. <u>3rd Symposium</u> on Infectious Diseases in the Immunocompromised Host, Seattle, WA, June 2019.
- 29. Santarossa, M., Ukani, R., Walding, K., Harrington, A., **Clark, N.**, Reid, G. Utilisation of next-generation sequencing testing for diagnostic dilemmas: experience at a tertiary care centre. 30th ECCMID (virtual), April 2020, abstract P1327.
- 30. Santarossa, M., Muran, C.S., Sanchez, S., Heinrich, L., Yoo, J., Albarillo, F.S., Akkina, S., **Clark, N.M.**, Reid, G.E. Impact of organ donor infections on kidney transplant recipient outcomes. <u>American Transplant Congress</u> (virtual), June 2020, abstract 3948.
- 31. Ghandi, K., Masic, D., Santarossa, M., Albarillo, F.S., **Clark, N.M.**, Reid, G.E. Safety and efficacy of prophylactic valganciclovir dosing after solid organ transplant. <u>American Transplant Congress</u> (virtual), June 2020, abstract A-188.
- Semler, M., Pax, L., Shore, J, Morey, C., Gawne, E, Clark, N. A comparison of HIV-related experienced stigma by racial and ethnic groups. <u>Consortium of Universities for Global Health 2021</u> (virtual), March 2021, abstract 827.
- 33. Khalid, R., Reid, G., Clark, N. A case of fevers in a 65-year old carpenter. <u>ID Week 2022, 11th 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, Washington, DC, October 2022.</u>
- 34. Albarillo, F.S., Santarossa, M., **Clark, N.**, Ahmed, I., Reid, G. Early infections in lung transplant recipients. <u>American Transplant Congress</u>, San Diego, CA, June 2023, abstract 6954.
- 35. Tin, K., Malik, M.K., Santarossa, M., Yu, M., Liebo, M., Clark, N.M., Reid, G. A retrospective study analyzing recurrent LVAD driveline infections. <u>IDWeek 2022</u>, 12th <u>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, Boston, MA, October 2023, abstract 1475.</u>

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. <u>Proceedings of the Great Lakes Residency Conference</u>, April 2004.
- 2. Fernandez, C., Morris, J., Grim, S., Clark, N. Use of the novel antifungals in a clinical setting: a retrospective evaluation. <u>Proceedings of the Infectious Diseases Pharmacotherapy Fellowship Forum</u>, 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. <u>Proceedings of the Great Lakes Residency Conference</u>, 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.
- Heinrich, L., Tokumaru, S., Grim, S., Paek, J., Garofalo, J., Clark, N. Implementation and evaluation of an extended infusion piperacillin-tazobactam protocol. <u>Proceedings of the Great Lakes Residency Conference</u>, 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. <u>St. Albert's Day 2017</u>, Loyola University Stritch School of Medicine, Maywood, IL, November 2017, poster 63.
- 7. Sackey, J., Knowles, K., Subramanya, G., **Clark, N.**, Cook, J., Reid, G., Uprichard, S.L. Enabling the clinical detection of HPV to enhance effective diagnosis and research. <u>Loyola University Chicago Infectious Disease</u> & Immunology Research Institute Annual Retreat, Oakbrook, IL, June 2019.
- 8. Pax, L., Semler, M., McNamara, K., Shore, J., Morey, C., Gawne, E., Clark, N. A Comparison of HIV-related experienced stigma by racial and ethnic groups. <u>St. Albert's Day 2021</u>, Loyola University Stritch School of Medicine, Maywood, IL, November 2021, poster 70.
- McNamara, K., Semler, M., Pax, L., Shore, J., Morey, C., Gawne, E., Clark, N. A Comparison of HIV-related experienced stigma by racial and ethnic groups. <u>St. Albert's Day 2022</u>, Loyola University Stritch School of Medicine, Maywood, IL, October 2022.
- 10. Stewart, E., Hochstedler-Kramer, B.R., Khemmani, M., Clark, N.M., Parada, J.P., Farooq, A., Doshi, C., Wolfe, A.J., Albarillo, F.S. Characterizing the urobiome in geriatric males with chronic indwelling urinary catheters: an exploratory longitudinal study. <u>Infectious Disease & Immunology Research Institute Retreat</u>, Loyola University Stritch School of Medicine, Maywood, IL, April 2024.
- 11. Feng, S., Reid, G.E., Clark, N.M., Harrington, A., Uprichard, S.L., Baker, S.C. Evidence of SARS-CoV-2 convergent evolution in immunosuppressed patients treated with antiviral therapies. <u>Pathogen Genomics Symposium: Microbial Genomics Workshop</u>, Northwestern University, Chicago, IL, April 2024; received Outstanding Abstract Award.