



## Mark Holodniy

Professor of Medicine (Infectious Diseases)

Medicine - Infectious Diseases

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### Bio

#### BIO

Dr. Holodniy specializes in the treatment of infectious diseases with an expertise in the care of patients with viral infections. He maintains broad investigative programs in the field of infectious diseases, encompassing clinical trials, surveillance for emerging infections, and translational correlates. He is the Principal Investigator on numerous clinical trials. He is the Director of the Public Health Program and Public Health Reference Laboratory for the Department of Veterans Affairs and serves as Editor-in-Chief for the journal Diagnostic Microbiology and Infectious Disease.

#### ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Medicine - Infectious Diseases
- Member, Bio-X

#### ADMINISTRATIVE APPOINTMENTS

- Chairman, Administrative Panel on Biosafety, (2017- present)
- Co-Chairman, Administrative Panel on Biosafety, (1995-2017)
- Member, Medical School Faculty Senate, (1999-2002)

#### HONORS AND AWARDS

- Fellow, American College of Physicians (1996)
- Infectious Diseases Teaching Award, Division of Infectious Diseases (1997)
- HIV Program Clinical Excellence Award, Department of Veterans Affairs (2001)
- Divisional Award for Exceptional Contributions in Education in the Division of Infectious Disease, Department of Medicine (2004)
- Infectious Diseases Teaching Award, Division of Infectious Diseases (2004)
- Fellow, Infectious Disease Society of America (2005)
- Fellow, Society for Healthcare Epidemiology of America (2005)

#### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, Infectious Diseases Society of America (IDSA) Diagnostics Committee (2017 - 2020)
- Member, DHHS-Public Health Emergency Medical Countermeasures Enterprise Diagnostics Integrated Program Team. (2014 - 2018)
- Editor-in-Chief, Diagnostic Microbiology and Infectious Disease (2013 - present)
- Member, CDC-National Syndromic Surveillance Program Governance Board (2012 - 2018)
- Associate Editor, International Journal of Infectious Diseases (2008 - 2013)

## PROGRAM AFFILIATIONS

- Stanford SystemX Alliance

## PROFESSIONAL EDUCATION

- BS, Seattle University , Biology (1980)
- MD, Northwestern University , Medicine (1985)

## PATENTS

- Merigan TC, Katzenstein DA, Holodny M. "United States Patent 5,968,730 HIV PCR Directs Drug Use", Leland Stanford Junior University
- Merigan TC, Katzenstein DA, Holodny M. "United States Patent 6,503,705 Polymerase Chain Reactions for Monitoring Antiretroviral Therapy and Making Therapeutic Decisions in the Treatment of Acquired Immunodeficiency Syndrome", Leland Stanford Junior University
- Merigan TC, Katzenstein DA, Holodny M. "United States Patent 7,129,041 Polymerase chain reaction assays for monitoring antiviral therapy and making therapeutic decisions in the treatment of acquired immunodeficiency syndrome", Leland Stanford Junior University

## Research & Scholarship

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### CURRENT RESEARCH AND SCHOLARLY INTERESTS

My research program is currently focused in three areas: 1) Translational research (viral evolution and antiviral resistance prevalence and development), 2) Clinical trials (diagnostic assay/medical device, antimicrobials and immunomodulators), and 3) Health services research focusing on public health, infectious diseases and clinical outcomes.

### CLINICAL TRIALS

- ACTIV-3: Therapeutics for Inpatients With COVID-19, Recruiting
- Investigation of Rifampin to Reduce Pedal Amputations for Osteomyelitis in Diabetics, Recruiting
- Adaptive COVID-19 Treatment Trial (ACTT), Not Recruiting
- Clostridium Difficile Vaccine Efficacy Trial, Not Recruiting
- Evaluation of Alternative Oseltamivir (Tamiflu) Dosing Strategies., Not Recruiting
- Evaluation of the 4th Generation QuantiFERON-TB Test (QFT-Plus) for the Detection of Tuberculosis Infection, Not Recruiting
- Methylphenidate Plus GWI-Nutrient Formula as a Treatment for Patients With Gulf War Illness, Not Recruiting
- Optimal Treatment for Recurrent Clostridium Difficile, Not Recruiting

## Teaching

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### GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Infectious Diseases (Fellowship Program)
- Medicine (Masters Program)

## Publications

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### PUBLICATIONS

- **Implementation of large-scale laboratory-based detection of COVID-19 in the Veterans Health Administration, March 2020 - February 2021.** *Diagnostic microbiology and infectious disease*  
Sharma, A., Oda, G., Icardi, M., Mole, L., Holodny, M.  
1800; 102 (3): 115617
- **Reduced Mortality With Ondansetron Use in SARS-CoV-2-Infected Inpatients.** *Open forum infectious diseases*  
Bayat, V., Ryono, R., Phelps, S., Geis, E., Sedghi, F., Etmnani, P., Holodny, M.

2021; 8 (7): ofab336

- **Respiratory co-infections with COVID-19 in the Veterans Health Administration, 2020.** *Diagnostic microbiology and infectious disease*  
Schirmer, P. n., Lucero-Obusan, C. n., Sharma, A. n., Sohoni, P. n., Oda, G. n., Holodniy, M. n.  
2021; 100 (1): 115312
- **Adapting the Surveillance Platform for Enteric and Respiratory Infectious Organisms at United States Veterans Affairs Medical Centers (SUPERNOVA) for COVID-19 Among Hospitalized Adults: Surveillance Protocol.** *Frontiers in public health*  
Meites, E., Bajema, K. L., Kambhampati, A., Prill, M., Marconi, V. C., Brown, S. T., Rodriguez-Barradas, M. C., Beenhouwer, D. O., Holodniy, M., Lucero-Obusan, C., Cardemil, C., Cates, J., Surie, et al  
2021; 9: 739076
- **From implementation to sustainment: A large-scale adverse event disclosure support program generated through embedded research in the Veterans Health Administration.** *Healthcare (Amsterdam, Netherlands)*  
Elwy, A. R., Maguire, E. M., McCullough, M., George, J., Bokhour, B. G., Durfee, J. M., Martinello, R. A., Wagner, T. H., Asch, S. M., Gifford, A. L., Gallagher, T. H., Walker, Y., Sharpe, et al  
2021; 8 Suppl 1: 100496
- **Comparative Effectiveness and Antibody Responses to Moderna and Pfizer-BioNTech COVID-19 Vaccines among Hospitalized Veterans - Five Veterans Affairs Medical Centers, United States, February 1-September 30, 2021.** *MMWR. Morbidity and mortality weekly report*  
Bajema, K. L., Dahl, R. M., Evener, S. L., Prill, M. M., Rodriguez-Barradas, M. C., Marconi, V. C., Beenhouwer, D. O., Holodniy, M., Lucero-Obusan, C., Brown, S. T., Tremarelli, M., Epperson, M., Mills, et al  
2021; 70 (49): 1700-1705
- **Efficacy of interferon beta-1a plus remdesivir compared with remdesivir alone in hospitalised adults with COVID-19: a double-blind, randomised, placebo-controlled, phase 3 trial.** *The Lancet. Respiratory medicine*  
Kalil, A. C., Mehta, A. K., Patterson, T. F., Erdmann, N., Gomez, C. A., Jain, M. K., Wolfe, C. R., Ruiz-Palacios, G. M., Kline, S., Regalado Pineda, J., Luetkemeyer, A. F., Harkins, M. S., Jackson, et al  
2021
- **Effectiveness of COVID-19 mRNA Vaccines Against COVID-19-Associated Hospitalization - Five Veterans Affairs Medical Centers, United States, February 1-August 6, 2021.** *MMWR. Morbidity and mortality weekly report*  
Bajema, K. L., Dahl, R. M., Prill, M. M., Meites, E., Rodriguez-Barradas, M. C., Marconi, V. C., Beenhouwer, D. O., Brown, S. T., Holodniy, M., Lucero-Obusan, C., Rivera-Dominguez, G., Morones, R. G., Whitmire, et al  
2021; 70 (37): 1294-1299
- **COVID-19 Infections Among Healthcare Personnel in the United States Veterans Health Administration, March - August, 2020.** *Journal of occupational and environmental medicine*  
Oda, G., Sharma, A., Lucero-Obusan, C., Schirmer, P., Sohoni, P., Holodniy, M.  
2020
- **A SARS-CoV-2 Prediction Model from Standard Laboratory Tests.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Bayat, V., Phelps, S., Ryono, R., Lee, C., Parekh, H., Mewton, J., Sedghi, F., Etmiani, P., Holodniy, M.  
2020
- **Molecular testing for acute respiratory tract infections: clinical and diagnostic recommendations from the IDSA's Diagnostics Committee.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Hanson, K. E., Azar, M. M., Banerjee, R., Chou, A., Colgrove, R. C., Ginocchio, C. C., Hayden, M. K., Holodniy, M., Jain, S., Koo, S., Levy, J., Timbrook, T. T., Caliendo, et al  
2020
- **Risk for In-Hospital Complications Associated with COVID-19 and Influenza - Veterans Health Administration, United States, October 1, 2018-May 31, 2020.** *MMWR. Morbidity and mortality weekly report*  
Cates, J. n., Lucero-Obusan, C. n., Dahl, R. M., Schirmer, P. n., Garg, S. n., Oda, G. n., Hall, A. J., Langley, G. n., Havers, F. P., Holodniy, M. n., Cardemil, C. V.  
2020; 69 (42): 1528-34
- **Assessment and Capability of SARS-CoV-2 Detection in the Veterans Health Administration** *IDWeek*  
Sharma, A., Oda, G., Holodniy, M.  
2020
- **Comparative Assessment of Multiple SARS-CoV-2 Antibody and Neutralization Assays from Blood Samples in COVID-19 Infected Patients** *IDWeek*

Dewar, R., Trevino, C., Lallemand, P., Highbarger, H., Elbeik, T., Rehman, T., Holbrook, M., Schmaljohn, C., Lane, C., Chary, A., Holodniy, M.  
2020

- **Influenza Surveillance in the U.S. Department of Veterans Affairs (VA): 2019-2020 Season** *IDWeek*  
Lucero-Obusan, C., Schirmer, P., Oda, G., Holodniy, M.  
2020
- **Gonorrhea Testing and Ceftriaxone Resistance in the Department of Veterans Affairs (VA)** *IDWeek*  
Schirmer, P., Lucero-Obusan, C., Oda, G., Holodniy, M.  
2020
- **Respiratory Coinfections with COVID-19 in Veterans Health Administration (VA), 2020** *IDWeek*  
Schirmer, T., Lucero-Obusan, C., Sharma, A., Sohini, P., Oda, G., Holodniy, M.  
2020
- **Respiratory Syncytial Virus (RSV) Surveillance in the Department of Veterans Affairs (VA), 2010-2018** *IDWeek*  
Lucero-Obusan, C., Schirmer, T., Oda, G., Holodniy, M.  
2020
- **Covid-19 by Race and Ethnicity: A National Cohort Study of 6 Million United States Veterans.** *medRxiv : the preprint server for health sciences*  
Rentsch, C. T., Kidwai-Khan, F. n., Tate, J. P., Park, L. S., King, J. T., Skanderson, M. n., Hauser, R. G., Schultze, A. n., Jarvis, C. I., Holodniy, M. n., Re, V. L., Akgün, K. M., Crothers, et al  
2020
- **COVID-19-associated hospitalization rates and severe outcomes among Veterans from 5 Veteran Affairs Medical Centers, February 27-July 17, 2020: Hospital-Based Surveillance.** *JMIR public health and surveillance*  
Cardemil, C. V., Dahl, R. n., Prill, M. M., Cates, J. n., Brown, S. n., Perea, A. n., Marconi, V. n., Bell, L. n., Rodriguez-Barradas, M. n., Rivera-Dominguez, G. n., Beenhouwer, D. n., Poteskina, A. n., Holodniy, et al  
2020
- **Remdesivir for the Treatment of Covid-19 - Preliminary Report.** *The New England journal of medicine*  
Beigel, J. H., Tomashek, K. M., Dodd, L. E., Mehta, A. K., Zingman, B. S., Kalil, A. C., Hohmann, E. n., Chu, H. Y., Luetkemeyer, A. n., Kline, S. n., Lopez de Castilla, D. n., Finberg, R. W., Dierberg, et al  
2020
- **Baricitinib plus Remdesivir for Hospitalized Adults with Covid-19.** *The New England journal of medicine*  
Kalil, A. C., Patterson, T. F., Mehta, A. K., Tomashek, K. M., Wolfe, C. R., Ghazaryan, V. n., Marconi, V. C., Ruiz-Palacios, G. M., Hsieh, L. n., Kline, S. n., Tapson, V. n., Iovine, N. M., Jain, et al  
2020
- **Patterns of COVID-19 testing and mortality by race and ethnicity among United States veterans: A nationwide cohort study.** *PLoS medicine*  
Rentsch, C. T., Kidwai-Khan, F. n., Tate, J. P., Park, L. S., King, J. T., Skanderson, M. n., Hauser, R. G., Schultze, A. n., Jarvis, C. I., Holodniy, M. n., Lo Re, V. n., Akgün, K. M., Crothers, et al  
2020; 17 (9): e1003379
- **Incidence, etiology, and severity of acute gastroenteritis among prospectively enrolled patients in 4 Veterans Affairs hospitals and outpatient centers, 2016-18.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Cardemil, C. V., Balachandran, N. n., Kambhampati, A. n., Grytdal, S. n., Dahl, R. M., Rodriguez-Barradas, M. C., Vargas, B. n., Beenhouwer, D. O., Evangelista, K. V., Marconi, V. C., Meagley, K. L., Brown, S. T., Perea, et al  
2020
- **Companion and complementary diagnostics for infectious diseases.** *Expert review of molecular diagnostics*  
Dailey, P. J., Elbeik, T. n., Holodniy, M. n.  
2020
- **Treatment for Gulf War Illness (GWI) with KPAX002 (methylphenidate hydrochloride + GWI nutrient formula) in subjects meeting the Kansas case definition: A prospective, open-label trial (revision 2).** *Journal of psychiatric research*  
Holodniy, M., Kaiser, J. D.  
2019; 118: 14–20
- **Enhanced Influenza Surveillance Using Telephone Triage and Electronic Syndromic Surveillance in the Department of Veterans Affairs, 2011-2015.** *Public health reports (Washington, D.C. : 1974)*

- Lucero-Obusan, C. n., Winston, C. A., Schirmer, P. L., Oda, G. n., Holodniy, M. n.  
; 132 (1\_suppl): 16S–22S
- **Carbon monoxide poisoning surveillance in the Veterans Health Administration, 2010-2017.** *BMC public health*  
Oda, G., Ryono, R., Lucero-Obusan, C., Schirmer, P., Holodniy, M.  
2019; 19 (1): 190
  - **Notes from the Field: Unexplained Dermatologic, Respiratory, and Ophthalmic Symptoms Among Health Care Personnel at a Hospital - West Virginia, November 2017-January 2018.** *MMWR. Morbidity and mortality weekly report*  
Lucas, T. J., Holodniy, M. n., de Perio, M. A., Perkins, K. M., Benowitz, I. n., Jackson, D. n., Kracalik, I. n., Grant, M. n., Oda, G. n., Powell, K. M.  
2019; 68 (44): 1006–7
  - **Acute Hepatitis A Infections among Veterans in Outbreak States, 2016-2018** *ISDS*  
Lucero-Obusan, C., Oda, G., Schirmer, P., Holodniy, M.  
2019
  - **Acute Hepatitis A Infection and Vaccination in the Veterans Health Administration** *ISDS*  
Oda, G., Lucero-Obusan, C., Schirmer, P., Holodniy, M.  
2019
  - **Etiology, Severity of Illness, and Risk Factors for Patients Hospitalized with Acute Gastroenteritis from Multi-Site Veteran’s Affairs (VA) Surveillance, 2016–2018: Results from SUPERNOVA** *IDWeek*  
Cardemil, C., Balachandran, N., Kambhampati, A., Grytdal, S., Rodriguez-Barradas, M., Vargas, B., Beenhouwer, D., Evangelista, K., Marconi, V., Meagley, K., Brown, S., Perea, A., Lucero-Obusan, et al  
2019
  - **Tuberculosis in the Department of Veterans Affairs: Missed Opportunities for Prevention** *IDWeek*  
Oda, G., Lucero-Obusan, C., Schirmer, P., Holodniy, M.  
2019
  - **Pertussis Testing in the Department of Veterans Affairs, 2010–2018** *IDWeek*  
Schirmer, P., Lucero-Obusan, C., Oda, G., Holodniy, M.  
2019
  - **Influenza and Respiratory Syncytial Virus (RSV) Surveillance in the US Department of Veterans Affairs (VA): 2018–2019 Season** *IDWeek*  
Lucero-Obusan, C., Schirmer, P., Oda, G., Holodniy, M.  
2019
  - **Is On-Demand Multilocus Sequence Typing of Methicillin-resistant Staphylococcus aureus (MRSA) and Clostridioides difficile Hospital Isolates Useful for Infection Control Practice?** *IDWeek*  
Holodniy, M., Winters, M., Aseo, R., Markman, L., Chary, A.  
2019
  - **Rapid identification of pathogenic bacteria using Raman spectroscopy and deep learning.** *Nature communications*  
Ho, C. S., Jean, N. n., Hogan, C. A., Blackmon, L. n., Jeffrey, S. S., Holodniy, M. n., Banaei, N. n., Saleh, A. A., Ermon, S. n., Dionne, J. n.  
2019; 10 (1): 4927
  - **Validation of Acute Gastroenteritis-related International Classification of Diseases, Clinical Modification Codes in Pediatric and Adult US Populations.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Pindyck, T. n., Hall, A. J., Tate, J. E., Cardemil, C. V., Kambhampati, A. K., Wikswow, M. E., Payne, D. C., Grytdal, S. n., Boom, J. A., Englund, J. A., Klein, E. J., Halasa, N. n., Selvarangan, et al  
2019
  - **Influenza and Respiratory Syncytial Virus (RSV) Surveillance in the US Department of Veterans Affairs (VA): 2018#2019 Season.**  
Lucero-Obusan, C., Schirmer, P., Oda, G., Holodniy, M.  
2019: S792–S793
  - **Clusters of nontuberculous mycobacteria linked to water sources at three Veterans Affairs medical centers.** *Infection control and hospital epidemiology*  
Oda, G. n., Winters, M. A., Pacheco, S. M., Sikka, M. K., Bleasdale, S. C., Dunn, B. n., Boswell, E. n., Winters, B. n., Bumsted, A. n., Frisch, J. n., Holodniy, M. n.  
2019: 1–11

- **Trends in Incidence of Norovirus-associated Acute Gastroenteritis in Four Veterans Affairs Medical Center Populations in the United States, 2011-2015.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Grytdal, S. n., Browne, H. n., Collins, N. n., Vargas, B. n., Rodriguez-Barradas, M. C., Rimland, D. n., Beenhouwer, D. O., Brown, S. T., Bidwell Goetz, M. n., Lucero-Obusan, C. n., Holodniy, M. n., Kambhampati, A. n., Parashar, et al  
2019
- **Real-World Impact of Resistance-Associated Substitutions on Re-Treatment after Ledipasvir/Sofosbuvir Virologic Failure in Hepatitis C Patients**  
Backus, L. I., Belperio, P. S., Shahoumian, T., Loomis, T., Winters, M. A., Holodniy, M.  
WILEY.2018: 348A
- **Effect of Interferon-Free Regimens on Disparities in Hepatitis C Treatment of US Veterans.** *Value in health : the journal of the International Society for Pharmacoeconomics and Outcomes Research*  
Barnett, P. G., Joyce, V. R., Lo, J. n., Gidwani-Marszowski, R. n., Goldhaber-Fiebert, J. D., Desai, M. n., Asch, S. M., Holodniy, M. n., Owens, D. K.  
2018; 21 (8): 921–30
- **Incidence of Norovirus and Rotavirus From Multisite Active Surveillance in Veteran's Affairs Hospitals, December 2016–February 2018: Results From the SUPERNOVA Network** *IDWeek*  
Cardemil, C., Kambhampati, A., Grytdal, S., Rodriguez-Barradas, M., Vargas, B., Beenhouwer, D., Evangelista, K., Marconi, V., Meagley, K., Brown, S., Perea, A., Lucero-Obusan, C., Holodniy, et al  
2018
- **Influenza Surveillance and Outbreaks in the US Department of Veterans Affairs (VA): 2017–2018 Season** *IDWeek*  
Lucero-Obusan, C., Schirmer, P., Oda, G., Holodniy, M.  
2018
- **Gonorrhea and Chlamydia Infections in the Department of Veterans Affairs (VA), 2013–2017** *IDWeek*  
Schirmer, P., Lucero-Obusan, C., Oda, G., Holodniy, M.  
2018
- **Post-Hurricane Maria Surveillance for Infectious Diseases in the Veterans Affairs San Juan Medical Center, Puerto Rico** *IDWeek*  
Oda, G., Matanock, A., Hunter, J., Patel, A., Pillai, S., Styles, T., Saavedra, S., Martinez, M., Jones, M., Mecher, C., Ryono, R., Holodniy, M.  
2018
- **Economically Efficient Hepatitis C Virus Treatment Prioritization Improves Health Outcomes: Hepatitis C Virus Treatment Prioritization.** *Medical decision making : an international journal of the Society for Medical Decision Making*  
Cipriano, L. E., Liu, S. n., Shahzada, K. S., Holodniy, M. n., Goldhaber-Fiebert, J. D.  
2018: 272989X18792284
- **Impact of IFNL4-#G genotype on sustained virologic response in hepatitis C genotype 1 patients treated with direct-acting antivirals.** *Diagnostic microbiology and infectious disease*  
Backus, L. I., Shahoumian, T. A., Belperio, P. S., Winters, M. n., Prokunina-Olsson, L. n., O'Brien, T. R., Holodniy, M. n.  
2018
- **Zika virus infection in the Veterans Health Administration (VHA), 2015-2016.** *PLoS neglected tropical diseases*  
Schirmer, P. L., Wendelboe, A. n., Lucero-Obusan, C. A., Ryono, R. A., Winters, M. A., Oda, G. n., Martinez, M. n., Saavedra, S. n., Holodniy, M. n.  
2018; 12 (5): e0006416
- **A joint frailty model provides for risk stratification of HIV-infected patients based on unobserved heterogeneity.** *Journal of clinical epidemiology*  
Jung, T. H., Kyriakides, T. n., Holodniy, M. n., Esserman, D. n., Peduzzi, P. n.  
2018
- **Epidemiologic Review of Veterans Health Administration Patients with Isolation of Nontuberculous Mycobacteria after Cardiopulmonary Bypass Procedures.** *Infection control and hospital epidemiology*  
Oda, G. n., Ryono, R. n., Lucero-Obusan, C. n., Schirmer, P. n., Shanawani, H. n., Jacobs, K. n., Holodniy, M. n.  
2017: 1–4
- **Dengue, Chikungunya & Zika Virus in VA Caribbean HCS, Nov. 2015-Aug. 2016** *ISDS*  
Schirmer, P., Oda, G., Lucero-Obusan, C., Winters, M., Saavedra, S., Martinez, M., Holodniy, M.  
2017
- **Carbon Monoxide Poisoning in the Veterans Health Administration, 2010 - 2016** *ISDS*

- Oda, G., Ryono, R., Lucero-Obusan, C., Schirmer, P., Holodniy, M.  
2017
- **Firearm Injury Encounters in the Veterans Health Administration (VHA), 2010-2015** *ISDS*  
Lucero-Obusan, C., Wendelboe, A., Schirmer, P., Oda, G., Holodniy, M.  
2017
  - **dental Strain of Mycobacterium conceptionense Isolated from Patients at 2 Veterans Affairs Medical Centers within the Same Metropolitan Area over a 4 Year Period** *IDWeek*  
Oda, G., Winters, M., Pacheco, S., Sicca, M., Bleasdale, S., Dunn, B., Winters, B., McDuffey, E., Bumsted, A., Holodniy, M.  
2017
  - **Factors for Hospitalizations and Neurologic Complications in Zika Virus Infection in the Department of Veterans Affairs (VA)** *IDWeek*  
Schirmer, P., Wendelboe, A., Lucero-Obusan, C., Ryono, R., Oda, G., Winters, M., Saavedra, S., Martinez, M., Holodniy, M.  
2017
  - **Comparative Effectiveness of High-Dose vs. Standard-Dose Influenza Vaccines among Veterans: 2015–2016 and 2016–2017 Seasons** *IDWeek*  
Lucero-Obusan, C., Schirmer, P., Wendelboe, A., Ryono, R., Oda, G., Holodniy, M.  
2017
  - **Mapping MOS-HIV to HUI3 and EQ-5D-3L in Patients With HIV.** *MDM policy & practice*  
Joyce, V. R., Sun, H. n., Barnett, P. G., Bansback, N. n., Griffin, S. C., Bayoumi, A. M., Anis, A. H., Sculpher, M. n., Cameron, W. n., Brown, S. T., Holodniy, M. n., Owens, D. K.  
2017; 2 (2): 2381468317716440
  - **Healthcare-associated Legionnaires' disease: Limitations of surveillance definitions and importance of epidemiologic investigation.** *Journal of infection prevention*  
Castellino, L. M., Gamage, S. D., Hoffman, P. V., Kralovic, S. M., Holodniy, M. n., Bernstein, J. M., Roselle, G. A.  
2017; 18 (6): 307–10
  - **Epidemiology and Burden of Influenza in the U.S. Department of Veterans Affairs.** *Influenza and other respiratory viruses*  
Lucero-Obusan, C. n., Schirmer, P. L., Wendelboe, A. n., Oda, G. n., Holodniy, M. n.  
2017
  - **Rationale and design of the Drug-Eluting Stents vs Bare-Metal Stents in Saphenous Vein Graft Angioplasty (DIVA) Trial.** *Clinical cardiology*  
Brilakis, E. S., Banerjee, S. n., Edson, R. n., Shunk, K. n., Goldman, S. n., Holmes, D. R., Bhatt, D. L., Rao, S. V., Smith, M. W., Sather, M. n., Colling, C. n., Kar, B. n., Nielsen, et al  
2017
  - **A review of drug-drug interactions in older HIV-infected patients.** *Expert review of clinical pharmacology*  
Chary, A. n., Nguyen, N. N., Maiton, K. n., Holodniy, M. n.  
2017: 1–24
  - **Cost-Effectiveness of HIV Preexposure Prophylaxis for People Who Inject Drugs in the United States** *ANNALS OF INTERNAL MEDICINE*  
Bernard, C. L., Brandeau, M. L., Humphreys, K., Bendavid, E., Holodniy, M., Weyant, C., Owens, D. K., Goldhaber-Fiebert, J. D.  
2016; 165 (1): 10-?
  - **HIV-1 Protease, Reverse Transcriptase, and Integrase Variation** *JOURNAL OF VIROLOGY*  
Rhee, S., Sankaran, K., Varghese, V., Winters, M. A., Hurt, C. B., Eron, J. J., Parkin, N., Holmes, S. P., Holodniy, M., Shafer, R. W.  
2016; 90 (13): 6058-6070
  - **Are current screening protocols for chronic hepatitis B virus infection adequate?** *DIAGNOSTIC MICROBIOLOGY AND INFECTIOUS DISEASE*  
Mortensen, E., Kamali, A., Schirmer, P. L., Lucero-Obusan, C., Winston, C. A., Oda, G., Winters, M. A., Durfee, J., Martinello, R. A., Davey, V. J., Holodniy, M.  
2016; 85 (2): 159-167
  - **Epidemiologic Review of Carbapenem-Resistant Enterobacteriaceae, Duodenoscopes, and Endoscopic Ultrasonography in the Department of Veterans Affairs** *INFECTION CONTROL AND HOSPITAL EPIDEMIOLOGY*  
Ryono, R. A., Schirmer, P. L., Lucero-Obusan, C., Oda, G., Dominitz, J. A., Holodniy, M.  
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