



## Benjamin Pinsky

Professor of Pathology, of Medicine (Infectious Diseases) and, by courtesy, of Pediatrics (Infectious Diseases)

### CLINICAL OFFICE (PRIMARY)

- Pathology

300 Pasteur Dr Rm L235

MC 5324

Palo Alto, CA 94304

Tel (650) 498-5575      Fax (650) 725-6902

### ACADEMIC CONTACT INFORMATION

- Administrative Contact

Mirela Puljic - Administrative Associate

Email mirelap@stanford.edu

Tel 650-725-5604

### Bio

---

#### BIO

Benjamin Pinsky, M.D., Ph.D., is a Professor of Pathology and Medicine, in the Division of Infectious Diseases and Geographic Medicine at the Stanford University School of Medicine. He also has a courtesy appointment in the Stanford Department of Pediatrics, Division of Infectious Diseases. He is the Director of the Clinical Virology Laboratory for Stanford Health Care and Stanford Children's Health. Dr. Pinsky earned his M.D. and Ph.D. degrees in the Medical Scientist Training Program at the University of Washington School of Medicine in Seattle and received residency training in Clinical Pathology at the Stanford University School of Medicine.

Dr. Pinsky's research interests include the design of novel diagnostics and investigation of the clinical impact of virologic testing. Dr. Pinsky is a Fellow of the American Academy of Microbiology and received the 2025 Award for Research or Leadership in Clinical Microbiology from the American Society of Microbiology, as well as the 2025 Immunology and Infectious Disease Division Outstanding Achievement Award from the Association for Diagnostics and Laboratory Medicine. He is the Immediate Past President of the Pan American Society for Clinical Virology (PASCV) and is the U.S. editor-in-chief for the Journal of Clinical Virology.

#### CLINICAL FOCUS

- Virology
- Molecular Pathology
- Point-of-Care Systems
- Infectious Diseases
- Clinical Laboratory Techniques
- Anatomic and Clinical Pathology

#### ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Pathology
- Professor - University Medical Line, Medicine - Infectious Diseases

- Professor - University Medical Line (By courtesy), Pediatrics - Infectious Diseases
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)

### ADMINISTRATIVE APPOINTMENTS

- Medical Director, Clinical Virology Laboratory, (2010- present)
- Senior Fellow, Center for Innovation in Global Health, (2015- present)
- Faculty Affiliate, Stanford Bio-X, (2016- present)
- Director, EMERALD Program, (2025- present)

### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Editor-in-Chief, Journal of Clinical Virology (2018 - present)
- President, Pan American Society for Clinical Virology (2024 - 2026)
- California Delegate, House of Delegates, College of American Pathologists (2018 - present)

### PROFESSIONAL EDUCATION

- Board Certification: Clinical Pathology, American Board of Pathology (2012)
- Fellowship, Stanford Hospital & Clinics , Molecular Pathology (2010)
- Residency: Stanford University Pathology Residency (2010) CA
- Medical Education: University of Washington School of Medicine (2007) WA
- Ph.D., University of Washington Medical Scientist Training Program-Fred Hutchinson Cancer Research Center , Molecular and Cellular Biology (2005)

### PATENTS

- Benjamin Pinsky. "United States Patent 9725774 B2 Methods and reagents for detection, quantitation, and serotyping of dengue viruses.", Leland Stanford Junior University, Aug 8, 2017

## Research & Scholarship

---

### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Development and application of molecular assays for the diagnosis and management of infectious diseases.

### PROJECTS

- Multiplex Molecular Diagnostics for Undifferentiated Febrile Illness in Zimbabwe

## Teaching

---

### STANFORD ADVISEES

#### Postdoctoral Faculty Sponsor

Bhumil Patel

## Publications

---

### PUBLICATIONS

- **Comprehensive metabolomics combined with machine learning for the identification of SARS-CoV-2 and other viruses directly from upper respiratory samples.** *Journal of clinical microbiology*  
Hogan, C. A., Le, A. T., Khan, A., Su, L. D., Huang, C., Sahoo, M. K., Lo, C. -, Karim, M., Stein, K. A., Einav, S., Cowan, T. M., Pinsky, B. A.

2025: e0204224

- **Targeted plasma metabolomics combined with machine learning for the diagnosis of severe acute respiratory syndrome virus type 2.** *Frontiers in microbiology*  
Le, A. T., Wu, M., Khan, A., Phillips, N., Rajpurkar, P., Garland, M., Magid, K., Sibai, M., Huang, C., Sahoo, M. K., Bowen, R., Cowan, T. M., Pinsky, et al  
2022; 13: 1059289
- **Infection and Vaccine-Induced Neutralizing-Antibody Responses to the SARS-CoV-2 B.1.617 Variants.** *The New England journal of medicine*  
Edara, V., Pinsky, B. A., Suthar, M. S., Lai, L., Davis-Gardner, M. E., Floyd, K., Flowers, M. W., Wrarmert, J., Hussaini, L., Ciric, C. R., Bechnak, S., Stephens, K., Graham, et al  
2021
- **Identification of a SARS-CoV-2 Variant with L452R and E484Q Neutralization Resistance Mutations.** *Journal of clinical microbiology*  
Verghese, M., Jiang, B., Iwai, N., Mar, M., Sahoo, M. K., Yamamoto, F., Mfuh, K. O., Miller, J., Wang, H., Zehnder, J., Pinsky, B. A.  
2021
- **Sample Pooling as a Strategy to Detect Community Transmission of SARS-CoV-2.** *JAMA*  
Hogan, C. A., Sahoo, M. K., Pinsky, B. A.  
2020
- **B cell clonal expansion and convergent antibody responses to SARS-CoV-2.** *Research square*  
Nielsen, S. C., Yang, F. n., Hoh, R. A., Jackson, K. J., Roeltgen, K. n., Lee, J. Y., Rustagi, A. n., Rogers, A. J., Powell, A. E., Kim, P. S., Wang, T. T., Pinsky, B. n., Blish, et al  
2020
- **SARS-CoV-2 RNAemia in a Healthy Blood Donor 40 Days After Respiratory Illness Resolution.** *Annals of internal medicine*  
Pham, T. D., Huang, C. n., Wirz, O. F., Röltgen, K. n., Sahoo, M. K., Layon, A. n., Pandey, S. n., Foung, S. K., Boyd, S. D., Pinsky, B. A.  
2020
- **Occurrence and Timing of Subsequent SARS-CoV-2 RT-PCR Positivity Among Initially Negative Patients.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Long, D. R., Gombard, S. n., Hogan, C. A., Greninger, A. L., Shah, V. O., Bryson-Cahn, C. n., Stevens, B. n., Rustagi, A. n., Jerome, K. R., Kong, C. S., Zehnder, J. n., Shah, N. H., Weiss, et al  
2020
- **Report from the American Society for Microbiology COVID-19 International Summit, 23 March 2020: Value of Diagnostic Testing for SARS-CoV-2/COVID-19.** *mBio*  
Patel, R. n., Babady, E. n., Theel, E. S., Storch, G. A., Pinsky, B. A., St George, K. n., Smith, T. C., Bertuzzi, S. n.  
2020; 11 (2)
- **Defining the features and duration of antibody responses to SARS-CoV-2 infection associated with disease severity and outcome.** *Science immunology*  
Röltgen, K. n., Powell, A. E., Wirz, O. F., Stevens, B. A., Hogan, C. A., Najeeb, J. n., Hunter, M. n., Wang, H. n., Sahoo, M. K., Huang, C. n., Yamamoto, F. n., Manohar, M. n., Manalac, et al  
2020; 5 (54)
- **hrHPV prevalence and type distribution in rural Zimbabwe: A community-based self-collection study using near-point-of-care GeneXpert HPV testing** *INTERNATIONAL JOURNAL OF INFECTIOUS DISEASES*  
Fitzpatrick, M. B., Mandishora, R., Katzenstein, D. A., McCarty, K., Weber, J., Sahoo, M. K., Manasa, J., Chirenje, Z., Pinsky, B. A.  
2019; 82: 21–29
- **Persistence of Human Immunodeficiency Virus-1 Drug Resistance Mutations in Proviral Deoxyribonucleic Acid After Virologic Failure of Efavirenz-Containing Antiretroviral Regimens.** *Open forum infectious diseases*  
De La Cruz, J., Vardhanbhuti, S., Sahoo, M. K., Rovner, R., Bosch, R. J., Manasa, J., Katzenstein, D. A., Pinsky, B. A.  
2019; 6 (3): ofz034
- **Yellow Fever Virus: Diagnostics for a Persistent Arboviral Threat** *JOURNAL OF CLINICAL MICROBIOLOGY*  
Waggoner, J. J., Rojas, A., Pinsky, B. A.  
2018; 56 (10)

- **Multiplexed identification, quantification and genotyping of infectious agents using a semiconductor biochip** *NATURE BIOTECHNOLOGY*  
Hassibi, A., Manickam, A., Singh, R., Bolouki, S., Sinha, R., Jirage, K. B., McDermott, M. W., Hassibi, B., Vikalo, H., Mazarei, G., Pei, L., Bousse, L., Miller, et al  
2018; 36 (8): 738–45
- **Characterization of Dengue Virus Infections Among Febrile Children Clinically Diagnosed With a Non-Dengue Illness, Managua, Nicaragua** *JOURNAL OF INFECTIOUS DISEASES*  
Waggoner, J. J., Gresh, L., Mohamed-Hadley, A., Balmaseda, A., Soda, K., Abeynayake, J., Sahoo, M. K., Liu, Y., Kuan, G., Harris, E., Pinsky, B. A.  
2017; 215 (12): 1816–23
- **Diagnosis of Zika virus infection on a nanotechnology platform.** *Nature medicine*  
Zhang, B., Pinsky, B. A., Ananta, J. S., Zhao, S., Arulkumar, S., Wan, H., Sahoo, M. K., Abeynayake, J., Waggoner, J. J., Hopes, C., Tang, M., Dai, H.  
2017
- **Viremia and Clinical Presentation in Nicaraguan Patients Infected with Zika Virus, Chikungunya Virus, and Dengue Virus.** *Clinical infectious diseases*  
Waggoner, J. J., Gresh, L., Vargas, M. J., Ballesteros, G., Tellez, Y., Soda, K. J., Sahoo, M. K., Nuñez, A., Balmaseda, A., Harris, E., Pinsky, B. A.  
2016
- **Zika Virus: Diagnostics for an Emerging Pandemic Threat.** *Journal of clinical microbiology*  
Waggoner, J. J., Pinsky, B. A.  
2016; 54 (4): 860-867
- **Adapting clinical chemistry plasma as a source for liquid biopsies** *ELIFE*  
Ding, S. C., Yu, J., Liao, T., Ahmann, L., Yao, Y., Ho, C., Wang, L., Pinsky, B. A., Gu, W.  
2026; 14
- **Adapting clinical chemistry plasma as a source for liquid biopsies.** *eLife*  
Ding, S. C., Yu, J., Liao, T., Ahmann, L., Yao, Y., Ho, C., Wang, L., Pinsky, B. A., Gu, W.  
2026; 14
- **Multiplexed antigen panel analysis identifies B cell phenotype and receptor genetic contributions to antibody breadth.** *Immunity*  
Wirz, O. F., Kotagiri, P., Haraguchi, E., Röltgen, K., Hunter, M., Craig, E., Afaghani, J., Lee, J. Y., Nielsen, S. C., Hoh, R. A., Pursell, T., Arunachalam, P. S., Manohar, et al  
2026
- **HIV-1 subtype diversity trends in a Northern California cohort.** *AIDS (London, England)*  
Tao, K., Tzou, P. L., Sahoo, M. K., Hare, C. B., Pinsky, B. A., Shafer, R. W.  
2026; 40 (4): 530-532
- **Adapting Clinical Chemistry Plasma as a Source for Liquid Biopsies.** *medRxiv : the preprint server for health sciences*  
Ding, S. C., Yu, J., Liao, T., Ahmann, L. S., Yao, Y. Y., Ho, C., Wang, L., Pinsky, B. A., Gu, W.  
2026
- **Assessing the Clinical Performance of a Presymptomatic Acute Graft-Versus-Host Disease Biomarker Test in Hematopoietic Stem Cell Transplant Recipients.** *The journal of applied laboratory medicine*  
Wang, L., Pulgrossi, R. C., Anderson, J., Garcia, A., Meyer, E. H., Zehnder, J. L., Pinsky, B. A.  
2026
- **One confirmed and one potential human case of influenza A(H5N1) detected through an expanded subtyping protocol.** *ASM case reports*  
Higerd-Rusli, G. P., Karan, A., Hoffman, S. A., Morante, I. E., Huang, C., Sahoo, M. K., Hernandez, M. M., Pinsky, B. A.  
2026; 1 (2)
- **A Venue-Based Approach to Asymptomatic Mpox Screening and Doxy-PEP Provision: From Outbreak to Outreach, San Francisco, California, 2023–2024.** *American journal of public health*  
Contag, C. A., Renfro, Z. T., Mukund, A. X., Quint, M., Amitin, S., Levy, V., Hammack, P. L., Pinsky, B. A., Laniakea, B.  
2025: e1-e5
- **Drivers of differential antibody breadth in SARS-CoV-2 mRNA vaccination and infection**  
Fabian Wirz, O., Kotagiri, P., Haraguchi, E., Röltgen, K., Hunter, M., Craig, E., Afaghani, J., Lee, J., Nielsen, S. C. A., Hoh, R. A., Pursell, T., Arunachalam, P. S., Chang, et al

OXFORD UNIV PRESS.2025

- **Implementing a Hearing-Targeted Congenital CMV Screening Program in a Low-Prevalence Region.** *Hospital pediatrics*  
Wang, N., Frymoyer, A., Walravens, C., Capasso, C., Gupta, A., Hudson, J., Pinsky, B. A., Srinivas, N. S.  
2025
- **The XBB.1.5 COVID-19 vaccine elicits a durable antibody response to ancestral and XBB.1.5 SARS-CoV-2 spike proteins.** *Science translational medicine*  
Kumar, S., Jain, S., Wali, B., Zarnitsyna, V. I., Joshi, D., Ellis, M. L., Lai, L., Malik, A. A., McPherson, T. O., Godbole, S., Patel, A., Linderman, S., Solis, et al  
2025; 17 (814): eadu8067
- **Portable hepatitis C virus RNA extraction and stabilization using low-cost lab-on-a-chip style components with shelf stable reagents** *SENSORS AND ACTUATORS B-CHEMICAL*  
Hernandez, S., Miglani, D., Kimbro, J., Luna, A., Jones, H., Pinsky, B. A., Waggoner, J. J., Myers, D. R.  
2025; 437
- **Portable hepatitis C virus RNA extraction and stabilization using low-cost lab-on-a-chip style components with shelf stable reagents.** *Sensors and actuators. B, Chemical*  
Hernandez, S., Miglani, D., Kimbro, J., Luna, A., Jones, H., Pinsky, B. A., Waggoner, J. J., Myers, D. R.  
2025; 437
- **PIP4K2C inhibition reverses autophagic flux impairment induced by SARS-CoV-2.** *Nature communications*  
Karim, M., Mishra, M., Lo, C. W., Saul, S., Cagirici, H. B., Gourdelier, M., Ghita, L., Ojha, A., Tran, D. H., Agrawal, A., McGraw, C., East, M. P., Gammeltoft, et al  
2025; 16 (1): 6397
- **PREVALENCE OF ASYMPTOMATIC MPOX INFECTION IN THE SAN FRANCISCO BAY AREA, 2022**  
Renfro, Z. T., Contag, C., Mukund, A., Quint, M., Dickerson, J., Yamamoto, F., Salinas, J., Levy, V., Laniakea, B., Pinsky, B.  
AMER SOC TROP MED & HYGIENE.2025
- **DENGUE VIREMIA AMONG FEBRILE PERSONS IN GRENADA, WEST INDIES**  
Kiener, M., Fletcher, M., Chitan, E., Noel, T. P., Pinsky, B. A., Macpherson, C., LaBeaud, A.  
AMER SOC TROP MED & HYGIENE.2025
- **Expanding testing early in the H5N1 outbreak.** *Lancet (London, England)*  
Karan, A., Higerd-Rusli, G., Hernandez, M., Dhillon, R., Pinsky, B. A.  
2025; 405 (10481): 779-780
- **Clinicopathologic Features and Viral Etiologies of Myocarditis in Post-Mortem Examinations**  
Chang-Graham, A., Hooper, J., Pinsky, B., Aljinovic, N., Jorden, M.  
ELSEVIER SCIENCE INC.2025
- **Disease diagnostics using machine learning of B cell and T cell receptor sequences.** *Science (New York, N.Y.)*  
Zaslavsky, M. E., Craig, E., Michuda, J. K., Sehgal, N., Ram-Mohan, N., Lee, J. Y., Nguyen, K. D., Hoh, R. A., Pham, T. D., Röltgen, K., Lam, B., Parsons, E. S., Macwana, et al  
2025; 387 (6736): eadp2407
- **Rift Valley fever virus remains infectious in milk stored in a wide range of temperatures.** *The Journal of infectious diseases*  
Dawes, B. E., De La Mota-Peynado, A., Rezende, I. M., Buyukcangaz, E. K., Harvey, A. M., Gerken, K. N., Winter, C. A., Bayrau, B., Mitzel, D. N., Waggoner, J. J., Pinsky, B. A., Wilson, W. C., LaBeaud, et al  
2025
- **The KP.2-adapted COVID-19 vaccine improves neutralising activity against the XEC variant.** *The Lancet. Infectious diseases*  
Suthar, M. S., Manning, K. E., Ellis, M. L., Jain, S., Bechnak, K., Vander Velden, J., Laboune, F., Henry, A. R., Godbole, S., Kim, S., Sahoo, M. K., Paredes, I., Dib, et al  
2025
- **First-in-Human clinical trial of a small molecule EBNA1 inhibitor, VK-2019, in patients with Epstein-Barr positive nasopharyngeal cancer, with pharmacokinetic and pharmacodynamic studies.** *Clinical cancer research : an official journal of the American Association for Cancer Research*

Colevas, A. D., Talebi, Z., Winters, E., Even, C., Lee, V. H., Gillison, M. L., Khan, S. A., Lu, R., Pinsky, B. A., Soldan, S. S., Vladmirova, O., Lieberman, P. M., Messick, et al  
2025

- **The Histopathologic Features of Early COVID Pneumonia in a Pediatric Patient: New Insight into the Role of Macrophages.** *International journal of surgical pathology*  
Bulterys, P. L., Xu, G., Pinsky, B. A., Troxell, M. L., Menke, J. R., Berry, G. J., Fernandez-Pol, S., Hazard, F. K.  
2024; 32 (8): 1595-1601
- **Nucleic acid amplification testing using dried blood spots to confirm the diagnosis of HIV-1 in adults.** *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology*  
Pinsky, B. A., Sahoo, M. K., Manasa, J., Makadzange, T., Wallis, C. L., Marins, E. G., Kumarasamy, N., Bartlett, J. A., Bosch, R. J., Israelski, D., Katzenstein, D. A.  
2024; 175: 105746
- **Opportunities and challenges for the US laboratory response to highly pathogenic avian influenza A(H5N1)** *JOURNAL OF CLINICAL VIROLOGY*  
Pinsky, B. A., Bradley, B. T.  
2024; 174
- **Opportunities and challenges for the U.S. laboratory response to highly pathogenic avian influenza A(H5N1).** *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology*  
Pinsky, B. A., Bradley, B. T.  
2024; 174: 105723
- **Multiplex Dual-Target Reverse Transcription PCR for Subtyping Avian Influenza A(H5) Virus.** *Emerging infectious diseases*  
Sahoo, M. K., Morante, I. E., Huang, C., Solis, D., Yamamoto, F., Ohiri, U. C., Romero, D., Pinsky, B. A.  
2024; 30 (8): 1710-1713
- **Natural history of shedding and household transmission of severe acute respiratory syndrome coronavirus 2 using intensive high-resolution sampling.** *PLoS one*  
Altamirano, J., Govindarajan, P., Blomkalns, A. L., Leary, S., Robinson, I., Chun, L. X., Shaikh, N. J., Robinson, M. L., Lopez, M., Tam, G. K., Carrington, Y. J., De Araujo, M. B., Walter, et al  
2024; 19 (7): e0305300
- **Epstein-Barr virus qPCR testing on bronchoalveolar lavage fluid from immunocompromised patients.** *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology*  
Liang, B., Mah, J., Sahoo, M. K., Pinsky, B. A.  
2024; 174: 105705
- **Spatial and temporal variation in respiratory syncytial virus (RSV) subtype RNA in wastewater and relation to clinical specimens.** *mSphere*  
Zambrana, W., Huang, C., Solis, D., Sahoo, M. K., Pinsky, B. A., Boehm, A. B.  
2024: e0022424
- **Expanding Understanding of Urban Rift Valley Fever Risk and Associated Vector Ecology at Slaughterhouses in Kisumu, Kenya.** *Pathogens (Basel, Switzerland)*  
Gerken, K. N., Owuor, K. O., Ndenga, B., Wambua, S., Winter, C., Chemutai, S., Omukuti, R., Arabu, D., Miring'u, I., Wilson, W. C., Mutuku, F., Waggoner, J. J., Pinsky, et al  
2024; 13 (6)
- **Optimization and Local Cost-Effectiveness of Nasopharyngeal Carcinoma Screening Strategies in Southern China: Secondary Analysis of the Guangdong Randomized Trial.** *Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology*  
Miller, J. A., Liu, Z., Pinsky, B. A., Le, Q., Li, T., Yu, K. J., Hildesheim, A., Cao, S.  
2024
- **PIP4K2C inhibition reverses autophagic flux impairment induced by SARS-CoV-2.** *bioRxiv : the preprint server for biology*  
Karim, M., Mishra, M., Lo, C. W., Saul, S., Cagirici, H. B., Tran, D. H., Agrawal, A., Ghita, L., Ojha, A., East, M. P., Gammeltoft, K. A., Sahoo, M. K., Johnson, et al  
2024

- **The Histopathologic Features of Early COVID Pneumonia in a Pediatric Patient: New Insight into the Role of Macrophages** *INTERNATIONAL JOURNAL OF SURGICAL PATHOLOGY*  
Bulterys, P. L., Xu, G., Pinsky, B. A., Troxell, M. L., Menke, J. R., Berry, G. J., Fernandez-Pol, S., Hazard, F. K.  
2024
- **Determination of the cycle threshold value of the Xpert Xpress SARS-CoV-2/Flu/RSV test that corresponds to the presence of infectious SARS-CoV-2 in anterior nasal swabs.** *Microbiology spectrum*  
Relich, R. F., Van Bente, K., Lei, G., Robinson, C. M., Carozza, M., Sahoo, M. K., Huang, C., Solis, D., Sibai, M., Myers, C. A., Sikorski, C., Balagot, C., Yang, et al  
2024: e0390823
- **Characterization of Dengue Virus 4 Cases in Paraguay, 2019-2020.** *Viruses*  
Rojas, A., Shen, J., Cardozo, F., Bernal, C., Caballero, O., Ping, S., Key, A., Haider, A., de Guillén, Y., Langjahr, P., Acosta, M. E., Aria, L., Mendoza, et al  
2024; 16 (2)
- **BA.5 bivalent booster vaccination enhances neutralization of XBB.1.5, XBB.1.16 and XBB.1.9 variants in patients with lung cancer.** *NPJ vaccines*  
Valanparambil, R. M., Lai, L., Johns, M. A., Davis-Gardner, M., Linderman, S. L., McPherson, T. O., Chang, A., Akhtar, A., Gamarra, E. L., Matia, H., McCook-Veal, A. A., Switchenko, J., Nasti, et al  
2023; 8 (1): 179
- **Global and cell type-specific immunological hallmarks of severe dengue progression identified via a systems immunology approach.** *Nature immunology*  
Ghita, L., Yao, Z., Xie, Y., Duran, V., Cagirici, H. B., Samir, J., Osman, I., Rebellón-Sánchez, D. E., Agudelo-Rojas, O. L., Sanz, A. M., Sahoo, M. K., Robinson, M. L., Gelvez-Ramirez, et al  
2023
- **Human immunodeficiency virus 1 5'-leader mutations in plasma viruses before and after the development of reverse transcriptase inhibitor-resistance mutations.** *The Journal of general virology*  
Nouhin, J., Tzou, P. L., Rhee, S., Sahoo, M. K., Pinsky, B. A., Krupkin, M., Puglisi, J. D., Puglisi, E. V., Shafer, R. W.  
2023; 104 (10)
- **Low infectivity among asymptomatic patients with a positive severe acute respiratory coronavirus virus 2 (SARS-CoV-2) admission test at a tertiary care center, 2020-2022.** *Infection control and hospital epidemiology*  
Tayyar, R., Kiener, M. A., Liang, J. W., Contreras, G., Rodriguez-Nava, G., Zimmet, A. N., Contag, C. A., Srinivasan, K., McIntyre, K., Subramanian, A., Shepard, J., Tompkins, L. S., Pinsky, et al  
2023: 1-3
- **Tools Needed to Support Same-day Diagnosis and Treatment of Current Hepatitis C Infection.** *The Journal of infectious diseases*  
Fricker, G. P., Ghany, M. G., Mera, J., Pinsky, B. A., Ward, J. W., Chung, R. T.  
2023
- **Assessment of an automated Cytomegalovirus nucleic acid amplification test using clinical plasma, bronchoalveolar lavage, and tissue specimens.** *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology*  
Huang, C., Solis, D., Sahoo, M. K., Pinsky, B. A.  
2023; 168: 105582
- **Two cases of MPXV infection during pregnancy in heterosexual cisgender women without classic cutaneous lesions, Northern California, 2022.** *IDCases*  
Renfro, Z. T., Contag, C. A., Lu, J., Solis, D., Huang, C., Sahoo, M. K., Yamamoto, F., Mah, J., Jones, M. S., Lin, J., Levy, V., Pinsky, B. A.  
2023; 33: e01881
- **Anticancer pan-ErbB inhibitors reduce inflammation and tissue injury and exert broad-spectrum antiviral effects.** *The Journal of clinical investigation*  
Saul, S., Karim, M., Ghita, L., Huang, P. T., Chiu, W., Durán, V., Lo, C. W., Kumar, S., Bhalla, N., Leyssen, P., Alem, F., Boghdeh, N. A., Tran, et al  
2023
- **Evaluation of an automated system for the quantitation of human Herpesvirus-6 DNA from clinical specimens.** *Practical laboratory medicine*  
Mah, J., Huang, C., Sahoo, M. K., Pinsky, B. A.  
2023; 36: e00329

- **Rapid genetic screening with high quality factor metasurfaces.** *Nature communications*  
Hu, J., Safir, F., Chang, K., Dagli, S., Balch, H. B., Abendroth, J. M., Dixon, J., Moradifar, P., Dolia, V., Sahoo, M. K., Pinsky, B. A., Jeffrey, S. S., Lawrence, et al  
2023; 14 (1): 4486
- **Postpandemic Effects of COVID-19 Shelter-in-Place Orders on the Gastrointestinal Pathogen Landscape.** *Journal of clinical microbiology*  
Bulterys, P. L., Leung, N. Y., Saleem, A., Budvytiene, I., Pinsky, B. A., Banaei, N.  
2023: e0038523
- **Identification and confirmation via in situ hybridization of Merkel cell polyomavirus in rare cases of posttransplant cutaneous T-cell lymphoma.** *Journal of cutaneous pathology*  
Lawrence, L., Wang, A., Charville, G., Liu, C. L., Garofalo, A., Alizadeh, A., Jangam, D., Pinsky, B. A., Sahoo, M., Gratzinger, D., Khodadoust, M., Kim, Y., Novoa, et al  
2023
- **Use of a severe acute respiratory coronavirus virus 2 (SARS-CoV-2) strand-specific assay to evaluate for prolonged viral replication >20 days from illness onset.** *Infection control and hospital epidemiology*  
Ferguson, J. D., Tayyar, R., Contreras, G., Kiener, M., Zimmet, A. N., Contag, C. A., Rodriguez Nava, G., Tompkins, L. S., Shepard, J., Rosenthal, A., Subramanian, A. K., Pinsky, B. A., Salinas, et al  
2023: 1-3
- **Hepatitis E virus seropositivity in an ethnically diverse community blood donor population.** *Vox sanguinis*  
Mah, J. K., Keck, M., Chu, D. Y., Sooryanarain, H., Sahoo, M. K., Lau, P., Huang, C., Weber, J., Belanger, G. A., Keck, Z., Shan, H., Meng, X., Fong, et al  
2023
- **HIV-1 5'-Leader Mutations in Plasma Viruses Before and After the Development of Reverse Transcriptase Inhibitor-Resistance Mutations.** *medRxiv : the preprint server for health sciences*  
Nouhin, J., Tzou, P., Rhee, S., Sahoo, M. K., Pinsky, B. A., Krupkin, M. A., Puglisi, J. D., Puglisi, E. V., Shafer, R. W.  
2023
- **Prevalence of Mpox (Monkeypox) in patients undergoing STI screening in northern California, April-September 2022.** *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology*  
Contag, C. A., Renfro, Z. T., Lu, J., Shen, S., Karan, A., Solis, D., Huang, C., Sahoo, M. K., Yamamoto, F., Jones, M. S., Lin, J., Levy, V., Pinsky, et al  
2023; 164: 105493
- **Organoid modeling of lung-resident immune responses to SARS-CoV-2 infection.** *Research square*  
Choi, S. S., van Unen, V., Zhang, H., Rustagi, A., Alwahabi, S. A., Santos, A. J., Chan, J. E., Lam, B., Solis, D., Mah, J., Röltgen, K., Trope, W., Guh-Siesel, et al  
2023
- **Comparison of nucleocapsid antigen with strand-specific reverse-transcription PCR for monitoring SARS-CoV-2 infection.** *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology*  
Chang-Graham, A. L., Sahoo, M. K., Huang, C., Solis, D., Sibai, M., August, G., Calayag, L., Kenji, O. M., Shi, R. Z., Mostafa, H. H., Lei, G. S., Relich, R. F., Pinsky, et al  
2023; 164: 105468
- **Comparison of Real-Time PCR and Digital PCR for Detection of Plasma Epstein-Barr Virus DNA in Nasopharyngeal Carcinoma.** *The Journal of molecular diagnostics : JMD*  
Miller, J. A., Huang, C., Yamamoto, F., Sahoo, M. K., Le, Q., Pinsky, B. A.  
2023
- **Evaluation of a multiplexed oligonucleotide ligation assay for SARS-CoV-2 variant identification.** *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology*  
Solis, D., Sibai, M., Kung, F., Break, T. J., Harkins, S. B., Huang, C., Yamamoto, F., Sahoo, M. K., Wohlstadter, J. N., Sigal, G. B., Pinsky, B. A.  
2023; 162: 105444
- **Retrospective Screening of Clinical Samples for Monkeypox Virus DNA, California, USA, 2022.** *Emerging infectious diseases*  
Contag, C. A., Lu, J., Renfro, Z. T., Karan, A., Salinas, J. L., Khan, M., Solis, D., Sahoo, M. K., Yamamoto, F., Pinsky, B. A.  
2023; 29 (4): 848-850

- **Evaluation of acebilustat, a selective inhibitor of leukotriene B4 biosynthesis, for treatment of outpatients with mild-moderate COVID-19 disease: A randomized, double-blind, placebo- controlled Phase 2 trial.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Levitt, J. E., Hedlin, H., Duong, S., Lu, D., Lee, J., Bunning, B., Elkarra, N., Pinsky, B. A., Heffernan, E., Springman, E., Moss, R. B., Bonilla, H. F., Parsonnet, et al  
2023
- **Magnitude and kinetics of the human immune cell response associated with severe dengue progression by single-cell proteomics.** *Science advances*  
Robinson, M. L., Glass, D. R., Duran, V., Agudelo Rojas, O. L., Sanz, A. M., Consuegra, M., Sahoo, M. K., Hartmann, F. J., Bosse, M., Gelvez, R. M., Bueno, N., Pinsky, B. A., Montoya, et al  
2023; 9 (12): eade7702
- **Detection of Adenovirus in Formalin-Fixed Paraffin-Embedded Tissue by qPCR Compared to Immunohistochemistry**  
Chang-Graham, A., Pepper, M., Sahoo, M., Huang, C., Garamani, N., Higgins, J., Pinsky, B.  
ELSEVIER SCIENCE INC.2023: S1276
- **Serum biomarkers and anti-flavivirus antibodies at presentation as indicators of severe dengue.** *PLoS neglected tropical diseases*  
Bernal, C., Ping, S., Rojas, A., Caballero, O., Stittleburg, V., de Guillen, Y., Langjahr, P., Pinsky, B. A., Von-Horoch, M., Luraschi, P., Cabral, S., Sanchez, M. C., Torres, et al  
2023; 17 (2): e0010750
- **Evaluation of a Semiautomated System for the Quantitation of Human Adenovirus DNA from Clinical Samples.** *Microbiology spectrum*  
Mah, J., Huang, C. H., Sahoo, M. K., Pinsky, B. A.  
2023: e0501022
- **Clinicopathologic Features of Human Monkeypox Lymphadenitis.** *Histopathology*  
Qian, Z. J., Gong, R., Mann, D. S., Walding, K., Miller, T., Nicholas, V., Kappagoda, S., Pinsky, B. A., Silva, O., Lau, H. D.  
2023
- **Recommendations for Epstein-Barr virus-based screening for nasopharyngeal cancer in high- and intermediate-risk regions.** *Journal of the National Cancer Institute*  
Lam, W. K., King, A. D., Miller, J. A., Liu, Z., Yu, K. J., Chua, M. L., Ma, B. B., Chen, M. Y., Pinsky, B. A., Lou, P. J., Woo, J. K., Hsu, W. L., Simon, et al  
2023
- **Laboratory Preparedness for the Current Monkeypox Outbreak.** *Clinical chemistry*  
Rodino, K. G., Babady, N. E., Bearman, G., Binnicker, M. J., Isaacs, S. N., Pinsky, B. A., Weber, D. J.  
2022
- **Neutralization against BA.2.75.2, BQ.1.1, and XBB from mRNA Bivalent Booster.** *The New England journal of medicine*  
Davis-Gardner, M. E., Lai, L., Wali, B., Samaha, H., Solis, D., Lee, M., Porter-Morrison, A., Hentenaar, I. T., Yamamoto, F., Godbole, S., Liu, Y., Douek, D. C., Lee, et al  
2022
- **Sierra SARS-CoV-2 sequence and antiviral resistance analysis program.** *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology*  
Tzou, P. L., Tao, K., Sahoo, M. K., Kosakovsky Pond, S. L., Pinsky, B. A., Shafer, R. W.  
2022; 157: 105323
- **Deep sequencing analysis of clinical samples from patients with acute infectious conjunctivitis during the COVID-19 delta surge in Madurai, India.** *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology*  
Lalitha, P., Prajna, N. V., Gunasekaran, R., Teja, G. V., Sharma, S. S., Hinterwirth, A., Ruder, K., Zhong, L., Chen, C., Deiner, M., Huang, C., Pinsky, B. A., Lietman, et al  
2022; 157: 105318
- **Outpatient human coronavirus associated conjunctivitis in India.** *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology*  
Prajna, N. V., Lalitha, P., Teja, G. V., Gunasekaran, R., Sharma, S. S., Hinterwirth, A., Ruder, K., Zhong, L., Chen, C., Deiner, M., Huang, C., Pinsky, B. A., Lietman, et al  
2022; 157: 105300

- **Trichodysplasia Spinulosa Polyomavirus Endothelial Infection, California, USA.** *Emerging infectious diseases*  
Lawrence, L., Wang, A., Charville, G., Toland, A., Pinsky, B., Natkunam, Y., Younes, S., Stehr, H., Gratzinger, D.  
2022; 28 (9): 1935-1937
- **Deconvoluting complex correlates of COVID-19 severity with a multi-omic pandemic tracking strategy.** *Nature communications*  
Parikh, V. N., Ioannidis, A. G., Jimenez-Morales, D., Gorzynski, J. E., De Jong, H. N., Liu, X., Roque, J., Cepeda-Espinoza, V. P., Osoegawa, K., Hughes, C., Sutton, S. C., Youlton, N., Joshi, et al  
2022; 13 (1): 5107
- **Human Monkeypox without Viral Prodrome or Sexual Exposure, California, USA, 2022.** *Emerging infectious diseases*  
Karan, A., Styczynski, A. R., Huang, C., Sahoo, M. K., Srinivasan, K., Pinsky, B. A., Salinas, J. L.  
2022; 28 (10)
- **An intranasal ASO therapeutic targeting SARS-CoV-2.** *Nature communications*  
Zhu, C., Lee, J. Y., Woo, J. Z., Xu, L., Nguyenla, X., Yamashiro, L. H., Ji, F., Biering, S. B., Van Dis, E., Gonzalez, F., Fox, D., Wehri, E., Rustagi, et al  
2022; 13 (1): 4503
- **Multiplex Epstein-Barr virus BALF2 genotyping detects high-risk variants in plasma for population screening of nasopharyngeal carcinoma.** *Molecular cancer*  
Miller, J. A., Sahoo, M. K., Yamamoto, F., Huang, C., Wang, H., Zehnder, J. L., Le, Q. T., Pinsky, B. A.  
2022; 21 (1): 154
- **Genome-wide bidirectional CRISPR screens identify mucins as host factors modulating SARS-CoV-2 infection.** *Nature genetics*  
Biering, S. B., Sarnik, S. A., Wang, E., Zengel, J. R., Leist, S. R., Schafer, A., Sathyan, V., Hawkins, P., Okuda, K., Tau, C., Jangid, A. R., Duffy, C. V., Wei, et al  
2022
- **Harmonization of SARS-CoV-2 reverse transcription quantitative PCR tests to the first WHO international standard for SARS-CoV-2 RNA.** *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology*  
Sahoo, M. K., Huang, C., Sibai, M., Solis, D., Pinsky, B. A.  
2022; 154: 105242
- **SARS-CoV-2 Brain Regional Detection, Histopathology, Gene Expression, and Immunomodulatory Changes in Decedents with COVID-19.** *Journal of neuropathology and experimental neurology*  
Serrano, G. E., Walker, J. E., Tremblay, C., Piras, I. S., Huentelman, M. J., Belden, C. M., Goldfarb, D., Shprecher, D., Atri, A., Adler, C. H., Shill, H. A., Driver-Dunckley, E., Mehta, et al  
2022
- **Anti-nucleocapsid antibody levels and pulmonary comorbid conditions are linked to post-COVID-19 syndrome.** *JCI insight*  
Jia, X., Cao, S., Lee, A. S., Manohar, M., Sindher, S. B., Ahuja, N., Artandi, M., Blish, C. A., Blomkains, A. L., Chang, I., Collins, W. J., Desai, M., Din, et al  
2022; 7 (13)
- **Integrated plasma proteomic and single-cell immune signaling network signatures demarcate mild, moderate, and severe COVID-19.** *Cell reports. Medicine*  
Feyaerts, D., Hédou, J., Gillard, J., Chen, H., Tsai, E. S., Peterson, L. S., Ando, K., Manohar, M., Do, E., Dhondalay, G. K., Fitzpatrick, J., Artandi, M., Chang, et al  
2022: 100680
- **Numb-associated kinases are required for SARS-CoV-2 infection and are cellular targets for antiviral strategies.** *Antiviral research*  
Karim, M., Saul, S., Ghita, L., Sahoo, M. K., Ye, C., Bhalla, N., Lo, C. W., Jin, J., Park, J., Martinez-Gualda, B., East, M. P., Johnson, G. L., Pinsky, et al  
2022: 105367
- **Cellular and humoral immune response to SARS-CoV-2 vaccination and booster dose in immunosuppressed patients: An observational cohort study.** *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology*  
Yang, L. M., Costales, C., Ramanathan, M., Bulterys, P. L., Murugesan, K., Schroers-Martin, J., Alizadeh, A. A., Boyd, S. D., Brown, J. M., Nadeau, K. C., Nadimpalli, S. S., Wang, A. X., Busque, et al  
2022; 153: 105217
- **Accuracy of Rapid Antigen vs Reverse Transcriptase-Polymerase Chain Reaction Testing for SARS-CoV-2 Infection in College Athletes During Prevalence of the Omicron Variant.** *JAMA network open*

- Tsao, J., Kussman, A. L., Costales, C., Pinsky, B. A., Abrams, G. D., Hwang, C. E.  
2022; 5 (6): e2217234
- **Characterizing the Severity of SARS-CoV-2 Variants at a Single Pediatric Center** *FRONTIERS IN MEDICINE*  
Khan, A., Ichura, C., Wang, H., Rezende, I., Sahoo, M. K., Huang, C., Solis, D., Sibai, M., Yamamoto, F., Nyathi, S., Bayrau, B., Pinsky, B. A., LaBeaud, et al  
2022; 9: 896352
  - **Dysregulation of Brain inflammation in COVID-19: An autopsy series**  
Piras, I., Huentelman, M., Walker, J., Arce, R., Tremblay, C., Glass, M., Sue, L., Nelson, C., Suszczewicz, K., Borja, C., Cline, M., Montine, T., Pinsky, et al  
OXFORD UNIV PRESS INC.2022: 476
  - **Acute Infarction, Hemorrhage and White Matter Beta-Amyloid Precursor Protein Immunostaining in COVID-19 and Control Subjects**  
DeTure, M., Walker, J., Arce, R., Glass, M., Sue, L., Intorcchia, A., Nelson, C., Suszczewicz, K., Borja, C., Montine, T., Pinsky, B., Zehnder, J., Serrano, et al  
OXFORD UNIV PRESS INC.2022: 476
  - **Broad-spectrum CRISPR-mediated inhibition of SARS-CoV-2 variants and endemic coronaviruses in vitro.** *Nature communications*  
Zeng, L., Liu, Y., Nguyenla, X. H., Abbott, T. R., Han, M., Zhu, Y., Chemparathy, A., Lin, X., Chen, X., Wang, H., Rane, D. A., Spatz, J. M., Jain, et al  
2022; 13 (1): 2766
  - **SARS-CoV-2 RNA and N Antigen Quantification via Wastewater at the Campus Level, Building Cluster Level, and Individual-Building Level** *ACS ES&T WATER*  
Zambrana, W., Catoe, D., Coffman, M. M., Kim, S., Anand, A., Solis, D., Sahoo, M. K., Pinsky, B. A., Bhatt, A. S., Boehm, A. B., Wolfe, M. K.  
2022
  - **SARS-CoV-2 RNA and N Antigen Quantification via Wastewater at the Campus Level, Building Cluster Level, and Individual-Building Level.** *ACS ES&T water*  
Zambrana, W., Catoe, D., Coffman, M. M., Kim, S., Anand, A., Solis, D., Sahoo, M. K., Pinsky, B. A., Bhatt, A. S., Boehm, A. B., Wolfe, M. K.  
2022; 2 (11): 2025-33
  - **A Spurious Positive Result on the Abbott Architect 4th generation HIV Ag/Ab Combo Assay in a Low-Risk Patient.** *Clinica chimica acta; international journal of clinical chemistry*  
Pepper, M. A., Wiredja, D. D., Patel, P. M., Stevens, B. A., Pinsky, B. A., Shi, R. Z.  
2022
  - **Interepidemic Respiratory Syncytial Virus during the COVID-19 Pandemic.** *Microbiology spectrum*  
Huang, C., Sahoo, M. K., Verghese, M., Sibai, M., Solis, D., Mfuh, K. O., Kurzer, J., Hogan, C. A., Doan, T. A., Pinsky, B. A.  
2022: e0094722
  - **Evaluation of a Rapid and Accessible Reverse Transcription-Quantitative PCR Approach for SARS-CoV-2 Variant of Concern Identification.** *Journal of clinical microbiology*  
Yeung, P. S., Wang, H., Sibai, M., Solis, D., Yamamoto, F., Iwai, N., Jiang, B., Hammond, N., Truong, B., Bihon, S., Santos, S., Mar, M., Mai, et al  
2022: e0017822
  - **Gastrointestinal symptoms and fecal shedding of SARS-CoV-2 RNA suggest prolonged gastrointestinal infection.** *Med (New York, N.Y.)*  
Natarajan, A., Zlitni, S., Brooks, E. F., Vance, S. E., Dahlen, A., Hedlin, H., Park, R. M., Han, A., Schmidtke, D. T., Verma, R., Jacobson, K. B., Parsonnet, J., Bonilla, et al  
2022
  - **Detailed characterization of hospitalized patients infected with the Omicron variant of SARS-CoV-2.** *Journal of internal medicine*  
Ozdalga, E., Ahuja, N., Sehgal, N., Hom, J., Weng, Y., Pinsky, B., Schulman, K. A., Collins, W.  
2022
  - **An 8-gene machine learning model improves clinical prediction of severe dengue progression.** *Genome medicine*  
Liu, Y. E., Saul, S., Rao, A. M., Robinson, M. L., Agudelo Rojas, O. L., Sanz, A. M., Verghese, M., Solis, D., Sibai, M., Huang, C. H., Sahoo, M. K., Gelvez, R. M., Bueno, et al  
2022; 14 (1): 33
  - **Novel Utilization of Strand-Specific Reverse Transcription Polymerase Chain Reaction in Perioperative Clinical Decision Making for SARS-CoV-2 Polymerase Chain Reaction Positive Patients.** *Paediatric anaesthesia*

- Jette, C. G., Wang, T., Wang, E., Man, J. Y., Mireles, S., Maass, B., Mathew, R., Pinsky, B. A., Claire, R., D'Souza, G.  
2022
- **Incidence and prevalence of COVID-19 within a healthcare worker cohort during the first year of the SARS-CoV-2 pandemic.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Doernberg, S. B., Holubar, M., Jain, V., Weng, Y., Lu, D., Bollyky, J. B., Sample, H., Huang, B., Craik, C. S., Desai, M., Rutherford, G. W., Maldonado, Y., CHART Study Consortium  
2022
  - **SARS-CoV-2 Neutralizing Monoclonal Antibodies for the Treatment of COVID-19 in Kidney Transplant Recipients.** *Kidney360*  
Wang, A. X., Busque, S., Kuo, J., Singh, U., Roeltgen, K., Pinsky, B. A., Chertow, G. M., Scandling, J. D., Lenihan, C. R.  
2022; 3 (1): 133-143
  - **Feasibility of Specimen Self-collection in Young Children Undergoing SARS-CoV-2 Surveillance for In-Person Learning.** *JAMA network open*  
Altamirano, J., Lopez, M., Robinson, I. G., Chun, L. X., Tam, G. K., Shaikh, N. J., Hoyte, E. G., Carrington, Y. J., Jani, S. G., Toomarian, E. Y., Hsing, J. C., Ma, J., Pulendran, et al  
2022; 5 (2): e2148988
  - **Vaccine-Associated Measles Encephalitis in Immunocompromised Child, California, USA.** *Emerging infectious diseases*  
Costales, C., Sahoo, M. K., Huang, C., Guimaraes, C. V., Born, D., Kushner, L., Gans, H. A., Doan, T. A., Pinsky, B. A.  
2022; 28 (4): 906-908
  - **Long Term Accuracy of SARS-CoV-2 Interferon- $\gamma$  Release Assay and its Application in Household Investigation.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Murugesan, K., Jagannathan, P., Altamirano, J., Maldonado, Y. A., Bonilla, H. F., Jacobson, K. B., Parsonnet, J., Andrews, J. R., Shi, R. Z., Boyd, S., Pinsky, B. A., Singh, U., Banaei, et al  
2022
  - **Immunogenicity of a Third COVID-19 mRNA Vaccine Dose in PID Patients with Functional B-cell Defects.** *The journal of allergy and clinical immunology. In practice*  
Gernez, Y., Murugesan, K., Cortales, C. R., Banaei, N., Hoyte, L., Pinsky, B. A., Lewis, D. B., Pham, M.  
2022
  - **Development and evaluation of an RT-qPCR for the identification of the SARS-CoV-2 Omicron variant.** *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology*  
Sibai, M., Wang, H., Yeung, P. S., Sahoo, M. K., Solis, D., Mfuh, K. O., Huang, C., Yamamoto, F., Pinsky, B. A.  
2022; 148: 105101
  - **Immune imprinting, breadth of variant recognition, and germinal center response in human SARS-CoV-2 infection and vaccination.** *Cell*  
Röltgen, K., Nielsen, S. C., Silva, O., Younes, S. F., Zaslavsky, M., Costales, C., Yang, F., Wirz, O. F., Solis, D., Hoh, R. A., Wang, A., Arunachalam, P. S., Colburg, et al  
2022
  - **Immunogenicity and Tolerability of COVID-19 mRNA Vaccines in PID patients with functional B-cell defects.** *The Journal of allergy and clinical immunology*  
Pham, M. N., Murugesan, K., Banaei, N., Pinsky, B. A., Tang, M., Hoyte, E., Lewis, D. B., Gernez, Y.  
1800
  - **Direct comparison of antibody responses to four SARS-CoV-2 vaccines in Mongolia.** *Cell host & microbe*  
Dashdorj, N. J., Wirz, O. F., Roltgen, K., Haraguchi, E., Buzzanco, A. S., Sibai, M., Wang, H., Miller, J. A., Solis, D., Sahoo, M. K., Arunachalam, P. S., Lee, A. S., Shah, et al  
2021
  - **The Effect of Povidone-Iodine Nasal Spray on COVID-19 Nasopharyngeal Viral Load in Patients: A Randomized Control Trial.** *The Laryngoscope*  
Zarabanda, D., Vukkadala, N., Phillips, K. M., Qian, Z. J., Mfuh, K. O., Hatter, M., Lee, I. T., Rao, V. K., Hwang, P. H., Domb, G., Patel, Z. M., Pinsky, B. A., Nayak, et al  
2021
  - **Rapid genetic screening with high quality factor metasurfaces.** *ArXiv*  
Hu, J., Safir, F., Chang, K., Dagli, S., Balch, H. B., Abendroth, J. M., Dixon, J., Moradifar, P., Dolia, V., Sahoo, M. K., Pinsky, B. A., Jeffrey, S. S., Lawrence, et al

2021

- **SARS-CoV-2 Nucleocapsid Plasma Antigen for Diagnosis and Monitoring of COVID-19.** *Clinical chemistry*  
Wang, H., Hogan, C. A., Verghese, M., Solis, D., Sibai, M., Huang, C., Roltgen, K., Stevens, B. A., Yamamoto, F., Sahoo, M. K., Zehnder, J., Boyd, S. D., Pinsky, et al  
2021
- **Case-control study evaluating risk factors for SARS-CoV-2 outbreak amongst healthcare personnel at a tertiary care center.** *American journal of infection control*  
Rosser, J. I., Tayyar, R., Giardina, R., Kolonoski, P., Kenski, D., Shen, P., Steinmetz, L. M., Hung, L., Xiao, W., Bains, K., Morrison, T., Madison, A., Chang, et al  
2021
- **Nasopharyngeal metabolomics and machine learning approach for the diagnosis of influenza.** *EBioMedicine*  
Hogan, C. A., Rajpurkar, P., Sowrirajan, H., Phillips, N. A., Le, A. T., Wu, M., Garamani, N., Sahoo, M. K., Wood, M. L., Huang, C., Ng, A. Y., Mak, J., Cowan, et al  
2021; 71: 103546
- **Diagnosis of Dengue in a returning traveler from Pakistan suspected of COVID-19, California, USA.** *Diagnostic microbiology and infectious disease*  
Bulterys, P. L., Solis, D., Verghese, M., Huang, C., Sibai, M., Costales, C., Sahoo, M. K., Pinsky, B. A.  
2021; 101 (4): 115517
- **The truth about SARS-CoV-2 cycle threshold values is rarely pure and never simple.** *Clinical chemistry*  
Rhoads, D. D., Pinsky, B. A.  
2021
- **Effect of Oral Azithromycin vs Placebo on COVID-19 Symptoms in Outpatients With SARS-CoV-2 Infection: A Randomized Clinical Trial.** *JAMA*  
Oldenburg, C. E., Pinsky, B. A., Brogdon, J., Chen, C., Ruder, K., Zhong, L., Nyatigo, F., Cook, C. A., Hinterwirth, A., Lebas, E., Redd, T., Porco, T. C., Lietman, et al  
2021
- **Post-vaccination SARS-CoV-2 infections and incidence of presumptive B.1.427/B.1.429 variant among healthcare personnel at a northern California academic medical center.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Jacobson, K. B., Pinsky, B. A., Montez Rath, M. E., Wang, H., Miller, J. A., Skhiri, M., Shepard, J., Mathew, R., Lee, G., Bohman, B., Parsonnet, J., Holubar, M.  
2021
- **Asthma phenotypes, associated comorbidities, and long-term symptoms in COVID-19.** *Allergy*  
Eggert, L. E., He, Z., Collins, W., Lee, A. S., Dhondalay, G., Jiang, S. Y., Fitzpatrick, J., Snow, T. T., Pinsky, B. A., Artandi, M., Barman, L., Puri, R., Wittman, et al  
2021
- **Mapping of SARS-CoV-2 Brain Invasion in COVID-19 Disease**  
Serrano, G., Walkera, J., Arce, R., Glass, M., Vargas, D., Sue, L., Intorcica, A., Nelson, C., Oliver, J., Papa, J., Russell, A., Suszczewicz, K., Borja, et al  
OXFORD UNIV PRESS INC.2021: 585
- **Brain Histopathology in Subjects with COVID-19 Disease**  
Beach, T., Dickson, D., Deture, M., Walker, J., Arce, R., Glass, M., Vargas, D., Sue, L., Intorcica, A., Nelson, C., Oliver, J., Russell, A., Suszczewicz, et al  
OXFORD UNIV PRESS INC.2021: 585
- **Association of Premature Immune Aging and Cytomegalovirus After Solid Organ Transplant** *FRONTIERS IN IMMUNOLOGY*  
Higdon, L. E., Gustafson, C. E., Ji, X., Sahoo, M. K., Pinsky, B. A., Margulies, K. B., Maecker, H. T., Goronzy, J., Maltzman, J. S.  
2021; 12
- **Association of Premature Immune Aging and Cytomegalovirus After Solid Organ Transplant.** *Frontiers in immunology*  
Higdon, L. E., Gustafson, C. E., Ji, X., Sahoo, M. K., Pinsky, B. A., Margulies, K. B., Maecker, H. T., Goronzy, J., Maltzman, J. S.  
2021; 12: 661551

- **Multiplex SARS-CoV-2 Genotyping RT-PCR for Population-Level Variant Screening and Epidemiologic Surveillance.** *Journal of clinical microbiology*  
Wang, H., Miller, J. A., Verghese, M., Sibai, M., Solis, D., Mfuh, K. O., Jiang, B., Iwai, N., Mar, M., Huang, C., Yamamoto, F., Sahoo, M. K., Zehnder, et al  
2021: JCM0085921
- **Increased viral variants in children and young adults with impaired humoral immunity and persistent SARS-CoV-2 infection: A consecutive case series.** *EBioMedicine*  
Truong, T. T., Ryutov, A., Pandey, U., Yee, R., Goldberg, L., Bhojwani, D., Aguayo-Hiraldo, P., Pinsky, B. A., Pekosz, A., Shen, L., Boyd, S. D., Wirz, O. F., Roltgen, et al  
2021; 67: 103355
- **Profiling SARS-CoV-2 mutation fingerprints that range from the viral pangenome to individual infection quasispecies.** *Genome medicine*  
Lau, B. T., Pavlichin, D., Hooker, A. C., Almeda, A., Shin, G., Chen, J., Sahoo, M. K., Huang, C. H., Pinsky, B. A., Lee, H. J., Ji, H. P.  
2021; 13 (1): 62
- **Standardized and optimized preservation, extraction and quantification techniques for detection of fecal SARS-CoV-2 RNA.** *medRxiv : the preprint server for health sciences*  
Natarajan, A., Han, A., Zlitni, S., Brooks, E. F., Vance, S. E., Wolfe, M., Singh, U., Jagannathan, P., Pinsky, B. A., Boehm, A., Bhatt, A. S.  
2021
- **Ultra-sensitive Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Antigen Detection for the Diagnosis of Coronavirus Disease 2019 (COVID-19) in Upper Respiratory Samples.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Wang, H., Hogan, C. A., Verghese, M., Solis, D., Sibai, M., Huang, C., Zehnder, J., Sahoo, M. K., Pinsky, B. A.  
2021
- **mRNA vaccination compared to infection elicits an IgG-predominant response with greater SARS-CoV-2 specificity and similar decrease in variant spike recognition.** *medRxiv : the preprint server for health sciences*  
Röltgen, K., Nielsen, S. C., Arunachalam, P. S., Yang, F., Hoh, R. A., Wirz, O. F., Lee, A. S., Gao, F., Mallajosyula, V., Li, C., Haraguchi, E., Shoura, M. J., Wilbur, et al  
2021
- **SARS-CoV-2 IgG Seropositivity and Acute Asymptomatic Infection Rate Among Firefighter First Responders in an Early Outbreak County in California.** *Prehospital emergency care : official journal of the National Association of EMS Physicians and the National Association of State EMS Directors*  
Newberry, J. A., Gautreau, M., Staats, K., Carrillo, E., Mulkerin, W., Yang, S., Kohn, M. A., Matheson, L., Boyd, S. D., Pinsky, B. A., Blomkalns, A. L., Strehlow, M. C., D'Souza, et al  
2021: 1–10
- **Comprehensive investigation of sources of misclassification errors in routine HIV testing in Zimbabwe.** *Journal of the International AIDS Society*  
Gregson, S., Moorhouse, L., Dadirai, T., Sheppard, H., Mayini, J., Beckmann, N., Skovdal, M., Dzangare, J., Moyo, B., Maswera, R., Pinsky, B. A., Mharakurwa, S., Francis, et al  
2021; 24 (4): e25700
- **Comparison of Anti-Dengue and Anti-Zika IgG on a Plasmonic Gold Platform with Neutralization Testing.** *The American journal of tropical medicine and hygiene*  
Rojas, A., Natrajan, M. S., Weber, J., Cardozo, F., Cantero, C., Ananta, J. S., Kost, J., Tang, M., Lopez, S., Bernal, C., Guillen, Y., Mendoza, L., Paez, et al  
2021
- **Comprehensive pathogen detection for ocular infections** *JOURNAL OF CLINICAL VIROLOGY*  
Doan, T., Sahoo, M. K., Ruder, K., Huang, C., Zhong, L., Chen, C., Hinterwirth, A., Lin, C., Gonzales, J. A., Pinsky, B. A., Acharya, N. R.  
2021; 136
- **Comprehensive pathogen detection for ocular infections** *JOURNAL OF CLINICAL VIROLOGY*  
Doan, T., Sahoo, M. K., Ruder, K., Huang, C., Zhong, L., Chen, C., Hinterwirth, A., Lin, C., Gonzales, J. A., Pinsky, B. A., Acharya, N. R.  
2021; 136
- **No Evidence of O'nyong-Nyong Viremia among Children with Febrile Illness in Kenya (2015-2018).** *The American journal of tropical medicine and hygiene*

- Shah, M. M., Ndenga, B. A., Mutuku, F. M., Okuta, V., Ronga, C. O., Chebii, P. K., Maina, P., Jembe, Z., Sahoo, M. K., Huang, C., Weber, J., Pinsky, B. A., LaBeaud, et al  
2021
- **Mapping of SARS-CoV-2 Brain Invasion and Histopathology in COVID-19 Disease.** *medRxiv : the preprint server for health sciences*  
Serrano, G. E., Walker, J. E., Arce, R., Glass, M. J., Vargas, D., Sue, L. I., Intorcchia, A. J., Nelson, C. M., Oliver, J., Papa, J., Russell, A., Suszczewicz, K. E., Borja, et al  
2021
  - **Integrated plasma proteomic and single-cell immune signaling network signatures demarcate mild, moderate, and severe COVID-19.** *bioRxiv : the preprint server for biology*  
Feyaerts, D., Hédou, J., Gillard, J., Chen, H., Tsai, E. S., Peterson, L. S., Ando, K., Manohar, M., Do, E., Dhondalay, G. K., Fitzpatrick, J., Artandi, M., Chang, et al  
2021
  - **Evaluation of a measles virus multiplex, triple-target real-time RT-PCR in three specimen matrices at a U.S. academic medical center.** *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology*  
Broadhurst, M. J., Garamani, N., Hahn, Z., Jiang, B., Weber, J., Huang, C., Sahoo, M. K., Kurzer, J., Hogan, C. A., Pinsky, B. A.  
2021; 136: 104757
  - **Cutaneous cytomegalovirus - A case of disseminated cytomegalovirus presenting with extensive ulcerative skin lesions in a renal transplant recipient.** *Transplant infectious disease : an official journal of the Transplantation Society*  
Ferguson, J., Mooney, K., Saleem, A., Stevens, B. A., Pinsky, B. A., Centkowski, S., Zaba, L. C., Ho, D. Y.  
2021
  - **Strand Specific Reverse Transcription PCR for Detection of Replicating SARS-CoV-2** *EMERGING INFECTIOUS DISEASES*  
Hogan, C. A., Huang, C., Sahoo, M. K., Wang, H., Jiang, B., Sibai, M., Holubar, M., Mathew, R., Zehnder, J., Pinsky, B. A.  
2021; 27 (2): 632–35
  - **Occurrence and Timing of Subsequent Severe Acute Respiratory Syndrome Coronavirus 2 Reverse-transcription Polymerase Chain Reaction Positivity Among Initially Negative Patients.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Long, D. R., Gombar, S., Hogan, C. A., Greninger, A. L., O'Reilly-Shah, V., Bryson-Cahn, C., Stevens, B., Rustagi, A., Jerome, K. R., Kong, C. S., Zehnder, J., Shah, N. H., Weiss, et al  
2021; 72 (2): 323-326
  - **Case-Control Study of Individuals with Discrepant Nucleocapsid and Spike Protein SARS-CoV-2 IgG Results.** *Clinical chemistry*  
Wang, H. n., Wiredja, D. n., Yang, L. n., Bulterys, P. L., Costales, C. n., Röltgen, K. n., Manalac, J. n., Yee, J. n., Zehnder, J. n., Shi, R. Z., Boyd, S. D., Pinsky, B. A.  
2021
  - **Use of Outpatient-Derived COVID-19 Convalescent Plasma in COVID-19 Patients Before Seroconversion.** *Frontiers in immunology*  
Wirz, O. F., Röltgen, K., Stevens, B. A., Pandey, S., Sahoo, M. K., Tolentino, L., Verghese, M., Nguyen, K., Hunter, M., Snow, T. T., Singh, A. R., Blish, C. A., Cochran, et al  
2021; 12: 739037
  - **Standardized preservation, extraction and quantification techniques for detection of fecal SARS-CoV-2 RNA.** *Nature communications*  
Natarajan, A., Han, A., Zlitni, S., Brooks, E. F., Vance, S. E., Wolfe, M., Singh, U., Jagannathan, P., Pinsky, B. A., Boehm, A., Bhatt, A. S.  
2021; 12 (1): 5753
  - **SARS-CoV-2 Neutralization Resistance Mutations in Patient with HIV/AIDS, California, USA.** *Emerging infectious diseases*  
Hoffman, S. A., Costales, C., Sahoo, M. K., Palanisamy, S., Yamamoto, F., Huang, C., Verghese, M., Solis, D. C., Sibai, M., Subramanian, A., Tompkins, L. S., Grant, P., Shafer, et al  
2021; 27 (10)
  - **Publisher Correction: Standardized preservation, extraction and quantification techniques for detection of fecal SARS-CoV-2 RNA.** *Nature communications*  
Natarajan, A., Han, A., Zlitni, S., Brooks, E. F., Vance, S. E., Wolfe, M., Singh, U., Jagannathan, P., Pinsky, B. A., Boehm, A., Bhatt, A. S.  
2021; 12 (1): 7100
  - **Performance evaluation and optimized reporting workflow for HIV diagnostic screening and confirmatory tests in a low prevalence setting.** *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology*

- Wiredja, D., Ritchie, T. A., Tam, G., Hogan, C. A., Pinsky, B., Shi, R. Z.  
2021; 145: 105020
- **Asthma phenotypes, associated comorbidities, and long-term symptoms in COVID-19** *European Journal of Allergy and Clinical Immunology*  
Eggert, L. E., He, Z., Collins, W., Lee, A. S., Nadeau, K., Chinthrajah, R.  
2021
  - **Post-vaccination SARS-CoV-2 infections and incidence of the B.1.427/B.1.429 variant among healthcare personnel at a northern California academic medical center.** *medRxiv : the preprint server for health sciences*  
Jacobson, K. B., Pinsky, B. A., Rath, M. E., Wang, H., Miller, J. A., Skhiri, M., Shepard, J., Mathew, R., Lee, G., Bohman, B., Parsonnet, J., Holubar, M.  
2021
  - **Mutations in JAK/STAT and NOTCH1 Genes Are Enriched in Post-Transplant Lymphoproliferative Disorders.** *Frontiers in oncology*  
Butzmann, A., Sridhar, K., Jangam, D., Song, H., Singh, A., Kumar, J., Chisholm, K. M., Pinsky, B., Huang, F., Ohgami, R. S.  
1800; 11: 790481
  - **Combined SARS-CoV-2 nucleic acid amplification testing and respiratory virus panel RT-PCR on the Hologic Panther Fusion system.** *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology*  
Stevens, B. A., Hogan, C. A., Mfuh, K. O., Khan, G. n., Sahoo, M. K., Huang, C. n., Garamani, N. n., Zehnder, J. n., Kurzer, J. n., Pinsky, B. A.  
2021; 138: 104792
  - **Peginterferon Lambda-1a for treatment of outpatients with uncomplicated COVID-19: a randomized placebo-controlled trial.** *Nature communications*  
Jagannathan, P. n., Andrews, J. R., Bonilla, H. n., Hedlin, H. n., Jacobson, K. B., Balasubramanian, V. n., Purington, N. n., Kamble, S. n., de Vries, C. R., Quintero, O. n., Feng, K. n., Ley, C. n., Winslow, et al  
2021; 12 (1): 1967
  - **Persistent SARS-CoV-2 infection and increasing viral variants in children and young adults with impaired humoral immunity.** *medRxiv : the preprint server for health sciences*  
Truong, T. T., Ryutov, A. n., Pandey, U. n., Yee, R. n., Goldberg, L. n., Bhojwani, D. n., Aguayo-Hiraldo, P. n., Pinsky, B. A., Pekosz, A. n., Shen, L. n., Boyd, S. D., Wirz, O. F., Röltgen, et al  
2021
  - **Plasma as an alternative COVID-19 diagnostic specimen in a hospitalized patient negative for SARS-CoV-2 by nasopharyngeal swab.** *Diagnostic microbiology and infectious disease*  
Lawrence, L. n., Stevens, B. A., Sahoo, M. K., Huang, C. n., Yamamoto, F. n., Röltgen, K. n., Wirz, O. n., Zehnder, J. n., Shi, R. Z., Boyd, S. D., Schoolnik, G. n., Pinsky, B. A., Hogan, et al  
2021; 100 (3): 115365
  - **Evaluation of SARS-CoV-2 total antibody detection via a lateral flow nanoparticle fluorescence immunoassay.** *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology*  
Sibai, M. n., Solis, D. n., Röltgen, K. n., Stevens, B. A., Mfuh, K. O., Sahoo, M. K., Shi, R. Z., Zehnder, J. n., Boyd, S. D., Pinsky, B. A.  
2021; 139: 104818
  - **Occurrence and Timing of Subsequent Severe Acute Respiratory Syndrome Coronavirus 2 Reverse-transcription Polymerase Chain Reaction Positivity Among Initially Negative Patients.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Long, D. R., Gombar, S. n., Hogan, C. A., Greninger, A. L., O'Reilly-Shah, V. n., Bryson-Cahn, C. n., Stevens, B. n., Rustagi, A. n., Jerome, K. R., Kong, C. S., Zehnder, J. n., Shah, N. H., Weiss, et al  
2021; 72 (2): 323–26
  - **Performance of Nucleic Acid Amplification Tests for Detection of Severe Acute Respiratory Syndrome Coronavirus 2 in Prospectively Pooled Specimens** *EMERGING INFECTIOUS DISEASES*  
Wang, H., Hogan, C. A., Miller, J. A., Sahoo, M. K., Huang, C., Mfuh, K. O., Sibai, M., Zehnder, J., Hickey, B., Sinnott-Armstrong, N., Pinsky, B. A.  
2021; 27 (1): 92–103
  - **Comprehensive pathogen detection for ocular infections.** *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology*  
Doan, T. n., Sahoo, M. K., Ruder, K. n., Huang, C. n., Zhong, L. n., Chen, C. n., Hinterwirth, A. n., Lin, C. n., Gonzales, J. A., Pinsky, B. A., Acharya, N. R.  
2021; 136: 104759

- **SARS-CoV-2 infection and COVID-19 severity in individuals with prior seasonal coronavirus infection.** *Diagnostic microbiology and infectious disease*  
Gombar, S. n., Bergquist, T. n., Pejaver, V. n., Hammarlund, N. E., Murugesan, K. n., Mooney, S. n., Shah, N. n., Pinsky, B. A., Banaei, N. n.  
2021; 100 (2): 115338
- **Cost-Effectiveness of Nasopharyngeal Carcinoma Screening with Epstein-Barr Virus Polymerase Chain Reaction or Serology in High-Incidence Populations Worldwide.** *Journal of the National Cancer Institute*  
Miller, J. A., Le, Q., Pinsky, B. A., Wang, H.  
2020
- **SARS-CoV-2 Seroprevalence in Healthcare Personnel in Northern California Early in the COVID-19 Pandemic.** *Infection control and hospital epidemiology*  
Rosser, J. I., Roltgen, K., Dymock, M., Shepard, J., Martin, A., Hogan, C. A., Blomkalns, A., Mathew, R., Parsonnet, J., Pinsky, B. A., Maldonado, Y. A., Boyd, S. D., Chang, et al  
2020: 1–27
- **Electric field-driven microfluidics for rapid CRISPR-based diagnostics and its application to detection of SARS-CoV-2.** *Proceedings of the National Academy of Sciences of the United States of America*  
Ramachandran, A., Huyke, D. A., Sharma, E., Sahoo, M. K., Huang, C., Banaei, N., Pinsky, B. A., Santiago, J. G.  
2020
- **High Dengue Burden and Circulation of 4 Virus Serotypes among Children with Undifferentiated Fever Kenya, 2014-2017** *EMERGING INFECTIOUS DISEASES*  
Shah, M. M., Ndenga, B. A., Mutuku, F. M., Vu, D. M., Grossi-Soyster, E. N., Okuta, V., Ronga, C. O., Chebii, P. K., Maina, P., Jembe, Z., Bosire, C. M., Amugongo, J. S., Sahoo, et al  
2020; 26 (11): 2638–50
- **Retrospective Screening for SARS-CoV-2 RNA in California, USA, Late 2019** *EMERGING INFECTIOUS DISEASES*  
Hogan, C. A., Garamani, N., Sahoo, M. K., Huang, C., Zehnder, J., Pinsky, B. A.  
2020; 26 (10): 2487–88
- **High Frequency of SARS-CoV-2 RNAemia and Association With Severe Disease.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Hogan, C. A., Stevens, B. A., Sahoo, M. K., Huang, C., Garamani, N., Gombar, S., Yamamoto, F., Murugesan, K., Kurzer, J., Zehnder, J., Pinsky, B. A.  
2020
- **SARS-CoV-2 Antibody Responses Correlate with Resolution of RNAemia But Are Short-Lived in Patients with Mild Illness.** *medRxiv : the preprint server for health sciences*  
Röltgen, K., Wirz, O. F., Stevens, B. A., Powell, A. E., Hogan, C. A., Najeeb, J., Hunter, M., Sahoo, M. K., Huang, C., Yamamoto, F., Manalac, J., Otrelo-Cardoso, A. R., Pham, et al  
2020
- **Mechanisms of Fano-resonant biosensing: Mechanical loading of plasmonic oscillators** *OPTICS COMMUNICATIONS*  
Zhu, X., Cao, N., Thibeault, B. J., Pinsky, B., Yanik, A.  
2020; 469
- **Knowledge, attitudes, and practices of cervical Cancer screening among HIV-positive and HIV-negative women participating in human papillomavirus screening in rural Zimbabwe.** *BMC women's health*  
Fitzpatrick, M., Pathipati, M. P., McCarty, K., Rosenthal, A., Katzenstein, D., Chirenje, Z. M., Pinsky, B.  
2020; 20 (1): 153
- **Triplex Real-Time RT-PCR for Severe Acute Respiratory Syndrome Coronavirus 2** *EMERGING INFECTIOUS DISEASES*  
Waggoner, J. J., Stittleburg, V., Pond, R., Saklawi, Y., Sahoo, M. K., Babiker, A., Hussaini, L., Kraft, C. S., Pinsky, B. A., Anderson, E. J., Roupael, N.  
2020; 26 (7): 1633–35
- **Measure what matters: Counts of hospitalized patients are a better metric for health system capacity planning for a reopening.** *Journal of the American Medical Informatics Association : JAMIA*  
Kashyap, S., Gombar, S., Yadlowsky, S., Callahan, A., Fries, J., Pinsky, B. A., Shah, N. H.  
2020

- **Persistent detection of SARS-CoV-2 RNA in patients and healthcare workers with COVID-19.** *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology*  
Gombar, S., Chang, M., Hogan, C. A., Zehnder, J., Boyd, S., Pinsky, B. A., Shah, N. H.  
2020; 129: 104477
- **Occurrence and Timing of Subsequent SARS-CoV-2 RT-PCR Positivity Among Initially Negative Patients.** *medRxiv : the preprint server for health sciences*  
Long, D. R., Gombar, S., Hogan, C. A., Greninger, A. L., O'Reilly Shah, V., Bryson-Cahn, C., Stevens, B., Rustagi, A., Jerome, K. R., Kong, C. S., Zehnder, J., Shah, N. H., Weiss, et al  
2020
- **A non-optical multiplexed PCR diagnostic platform for serotype-specific detection of dengue virus** *SENSORS AND ACTUATORS B-CHEMICAL*  
Yin, Z., Ramshani, Z., Waggoner, J. J., Pinsky, B. A., Senapati, S., Chang, H.  
2020; 310
- **Five-minute point-of-care testing for SARS-CoV-2: Not there yet.** *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology*  
Hogan, C. A., Sahoo, M. K., Huang, C., Garamani, N., Stevens, B., Zehnder, J., Pinsky, B. A.  
2020; 128: 104410
- **Whole-Genome Analysis of Cervical Human Papillomavirus Type 35 from rural Zimbabwean Women.** *Scientific reports*  
Fitzpatrick, M. B., Hahn, Z., Mandishora, R. S., Dao, J., Weber, J., Huang, C., Sahoo, M. K., Katzenstein, D. A., Pinsky, B. A.  
2020; 10 (1): 7001
- **Rates of Co-infection Between SARS-CoV-2 and Other Respiratory Pathogens.** *JAMA*  
Kim, D., Quinn, J., Pinsky, B., Shah, N. H., Brown, I.  
2020
- **Antibody-Dependent Enhancement of Severe Disease Is Mediated by Serum Viral Load in Pediatric Dengue Virus Infections.** *The Journal of infectious diseases*  
Waggoner, J. J., Katzelnick, L. C., Burger-Calderon, R., Gallini, J., Moore, R. H., Kuan, G., Balmaseda, A., Pinsky, B. A., Harris, E.  
2020
- **Merkel Cell Carcinoma of Lymph Node is Metastatic Cutaneous Merkel Cell Carcinoma**  
Lawrence, L., Kunder, C., Stehr, H., Saleem, A., Natkunam, Y., Zehnder, J., Pinsky, B., Sahoo, M., Tan, S.  
NATURE PUBLISHING GROUP.2020: 824–26
- **Merkel Cell Carcinoma of Lymph Node is Metastatic Cutaneous Merkel Cell Carcinoma**  
Lawrence, L., Kunder, C., Stehr, H., Saleem, A., Natkunam, Y., Zehnder, J., Pinsky, B., Sahoo, M., Tan, S.  
NATURE PUBLISHING GROUP.2020: 824–26
- **Human papillomavirus cytopathic effect in the urine of a 76-year-old man.** *Diagnostic cytopathology*  
Gottlieb, C., Pinsky, B. A., Mills, A. M., Stelow, E. B.  
2020
- **Implementation of a Multiplex rRT-PCR for Zika, Chikungunya, and Dengue Viruses: Improving Arboviral Detection in an Endemic Region.** *The American journal of tropical medicine and hygiene*  
Cantero, C., Cardozo, F., Waggoner, J. J., Pinsky, B. A., Espinola, A., Infanzon, B., Acosta, M. E., Aria, L., Arevalo de Guillen, Y., Cuevas, T., Rojas, V., Segovia, C., Centurion, et al  
2020
- **Comparison of the Accula SARS-CoV-2 Test with a Laboratory-Developed Assay for Detection of SARS-CoV-2 RNA in Clinical Nasopharyngeal Specimens.** *Journal of clinical microbiology*  
Hogan, C. A., Garamani, N. n., Lee, A. S., Tung, J. K., Sahoo, M. K., Huang, C. n., Stevens, B. n., Zehnder, J. n., Pinsky, B. A.  
2020
- **Proinflammatory IgG Fc structures in patients with severe COVID-19** *Nature Immunology*  
Chakraborty, S., Gonzales, J., Edwards, K., Mallajosyulla, V., Buzzanco, A. S., Sherwood, R., Buffone, C., Kathale, N., Providenza, S., Xie, M. M., Andrews, J. R., Blish, C. A., Singh, et al  
2020

- **Evidence of transovarial transmission of Chikungunya and Dengue viruses in field-caught mosquitoes in Kenya.** *PLoS neglected tropical diseases*  
Heath, C. J., Grossi-Soyster, E. N., Ndenga, B. A., Mutuku, F. M., Sahoo, M. K., Ngugi, H. N., Nbakaya, J. O., Siema, P. n., Kitron, U. n., Zahiri, N. n., Hortion, J. n., Waggoner, J. J., King, et al  
2020; 14 (6): e0008362
- **Human B cell clonal expansion and convergent antibody responses to SARS-CoV-2.** *bioRxiv : the preprint server for biology*  
Nielsen, S. C., Yang, F. n., Jackson, K. J., Hoh, R. A., Röltgen, K. n., Stevens, B. n., Lee, J. Y., Rustagi, A. n., Rogers, A. J., Powell, A. E., Najeeb, J. n., Otrelo-Cardoso, A. R., Yost, et al  
2020
- **Clinical Impact of Metagenomic Next-Generation Sequencing of Plasma Cell-Free DNA for the Diagnosis of Infectious Diseases: A Multicenter Retrospective Cohort Study.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Hogan, C. A., Yang, S. n., Garner, O. B., Green, D. A., Gomez, C. A., Dien Bard, J. n., Pinsky, B. A., Banaei, N. n.  
2020
- **Comparison of a laboratory-developed test targeting the envelope gene with three nucleic acid amplification tests for detection of SARS-CoV-2.** *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology*  
Bulterys, P. L., Garamani, N. n., Stevens, B. n., Sahoo, M. K., Huang, C. n., Hogan, C. A., Zehnder, J. n., Pinsky, B. A.  
2020; 129: 104427
- **Comparison of a Point-of-Care Assay and a High-Complexity Assay for Detection of SARS-CoV-2 RNA.** *The journal of applied laboratory medicine*  
Stevens, B. n., Hogan, C. A., Sahoo, M. K., Huang, C. n., Garamani, N. n., Zehnder, J. n., Kurzer, J. n., Pinsky, B. A.  
2020
- **Comparison of the Panther Fusion and a laboratory-developed test targeting the envelope gene for detection of SARS-CoV-2.** *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology*  
Hogan, C. A., Sahoo, M. K., Huang, C. n., Garamani, N. n., Stevens, B. n., Zehnder, J. n., Pinsky, B. A.  
2020; 127: 104383
- **Assessment of Sensitivity and Specificity of Patient-Collected Lower Nasal Specimens for Sudden Acute Respiratory Syndrome Coronavirus 2 Testing.** *JAMA network open*  
Altamirano, J. n., Govindarajan, P. n., Blomkalns, A. L., Kushner, L. E., Stevens, B. A., Pinsky, B. A., Maldonado, Y. n.  
2020; 3 (6): e2012005
- **Large-Scale Testing of Asymptomatic Healthcare Personnel for Severe Acute Respiratory Syndrome Coronavirus 2.** *Emerging infectious diseases*  
Hogan, C. A., Gombar, S. n., Wang, H. n., Röltgen, K. n., Shi, R. Z., Holubar, M. n., Chang, S. I., Lee, G. M., Boyd, S. D., Zehnder, J. n., Pinsky, B. A.  
2020; 27 (1)
- **A comprehensive analysis of RHOA mutation positive and negative angioimmunoblastic T-cell lymphomas by targeted deep sequencing, expression profiling and single cell digital image analysis.** *International journal of molecular medicine*  
Butzmann, A. n., Sridhar, K. n., Jangam, D. n., Kumar, J. n., Sahoo, M. K., Shahmarvand, N. n., Warnke, R. n., Rangasamy, E. n., Pinsky, B. A., Ohgami, R. S.  
2020
- **Carving out a niche for SARS-CoV-2 plasma RNA testing.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Pinsky, B. A., Hogan, C. A.  
2020
- **Human B Cell Clonal Expansion and Convergent Antibody Responses to SARS-CoV-2.** *Cell host & microbe*  
Nielsen, S. C., Yang, F. n., Jackson, K. J., Hoh, R. A., Röltgen, K. n., Jean, G. H., Stevens, B. A., Lee, J. Y., Rustagi, A. n., Rogers, A. J., Powell, A. E., Hunter, M. n., Najeeb, et al  
2020
- **Virological Failure and Acquired Genotypic Resistance Associated With Contemporary Antiretroviral Treatment Regimens.** *Open forum infectious diseases*  
Rhee, S. Y., Clutter, D. n., Hare, C. B., Tchakoute, C. T., Sainani, K. n., Fessel, W. J., Hurley, L. n., Slome, S. n., Pinsky, B. A., Silverberg, M. J., Shafer, R. W.

2020; 7 (9): ofaa316

- **Utilization, yield, and accuracy of the FilmArray Meningitis/Encephalitis panel with diagnostic stewardship and testing algorithm.** *Journal of clinical microbiology*  
Broadhurst, M. J., Dujari, S. n., Budvytiene, I. n., Pinsky, B. A., Gold, C. A., Banaei, N. n.  
2020
- **Interferon-gamma release assay for accurate detection of SARS-CoV-2 T cell response.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Murugesan, K. n., Jagannathan, P. n., Pham, T. D., Pandey, S. n., Bonilla, H. F., Jacobson, K. n., Parsonnet, J. n., Andrews, J. R., Weiskopf, D. n., Sette, A. n., Pinsky, B. A., Singh, U. n., Banaei, et al  
2020
- **Proinflammatory IgG Fc structures in patients with severe COVID-19** *Nature Immunology*  
Chakraborty, S., Gonzales, J., Edwards, K., Mallajosyulla, V., Buzzanco, A. S., Sherwood, R., Buffone, C., Kathale, N., Providenza, S., Xie, M. M., Andrews, J. R., Blish, C. A., Singh, et al  
2020
- **Evidence of transovarial transmission of Chikungunya and Dengue viruses in field-caught mosquitoes in Kenya.** *PLoS neglected tropical diseases*  
Heath, C. J., Grossi-Soyster, E. N., Ndenga, B. A., Mutuku, F. M., Sahoo, M. K., Ngugi, H. N., Nbakaya, J. O., Siema, P. n., Kitron, U. n., Zahiri, N. n., Hortion, J. n., Waggoner, J. J., King, et al  
2020; 14 (6): e0008362
- **Human B cell clonal expansion and convergent antibody responses to SARS-CoV-2.** *bioRxiv : the preprint server for biology*  
Nielsen, S. C., Yang, F. n., Jackson, K. J., Hoh, R. A., Röltgen, K. n., Stevens, B. n., Lee, J. Y., Rustagi, A. n., Rogers, A. J., Powell, A. E., Najeeb, J. n., Otrelo-Cardoso, A. R., Yost, et al  
2020
- **Clinical Impact of Metagenomic Next-Generation Sequencing of Plasma Cell-Free DNA for the Diagnosis of Infectious Diseases: A Multicenter Retrospective Cohort Study.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Hogan, C. A., Yang, S. n., Garner, O. B., Green, D. A., Gomez, C. A., Dien Bard, J. n., Pinsky, B. A., Banaei, N. n.  
2020
- **Metagenomic Next-Generation Sequencing for the Identification and Quantitation of Transplant-Related DNA Viruses.** *Journal of clinical microbiology*  
Carpenter, M. L., Tan, S. K., Watson, T., Bacher, R., Nagesh, V., Watts, A., Bentley, G., Weber, J., Huang, C., Sahoo, M. K., Hinterwirth, A., Doan, T., Carter, et al  
2019
- **Cost-Effective Respiratory Virus Testing.** *Journal of clinical microbiology*  
Pinsky, B. A., Hayden, R. T.  
2019; 57 (9)
- **Prospective Evaluation of the Vela Diagnostics Next-Generation Sequencing Platform for HIV-1 Genotypic Resistance Testing.** *The Journal of molecular diagnostics : JMD*  
Weber, J., Volkova, I., Sahoo, M. K., Tzou, P. L., Shafer, R. W., Pinsky, B. A.  
2019
- **Unbiased Pathogen Detection and Host Gene Profiling for Conjunctivitis** *OPHTHALMOLOGY*  
Lalitha, P., Seitzman, G. D., Kotecha, R., Hinterwirth, A., Chen, C., Zhong, L., Cummings, S., Lebas, E., Sahoo, M. K., Pinsky, B. A., Lietman, T. M., Thuy Doan  
2019; 126 (8): 1090–94
- **Evaluating for Human Herpesvirus 6 in the Liver Explants of Children With Liver Failure of Unknown Etiology** *JOURNAL OF INFECTIOUS DISEASES*  
Yang, C. H., Sahoo, M. K., Fitzpatrick, M., Lau, A. H., Pinsky, B. A., Martinez, O. M.  
2019; 220 (3): 361–69
- **Impact of Pretransplant Donor BK Viruria in Kidney Transplant Recipients** *JOURNAL OF INFECTIOUS DISEASES*  
Tan, S. K., Huang, C., Sahoo, M. K., Weber, J., Kurzer, J., Stedman, M. R., Concepcion, W., Gallo, A. E., Alonso, D., Srinivas, T., Storch, G. A., Subramanian, A. K., Tan, et al

2019; 220 (3): 370–76

- **Multiplex Solid-Phase Melt Curve Analysis for the Point-of-Care Detection of HIV-1 Drug Resistance** *JOURNAL OF MOLECULAR DIAGNOSTICS*  
Clutter, D. S., Mazarei, G., Sinha, R., Manasa, J., Nouhin, J., LaPrade, E., Bolouki, S., Tzou, P. L., Hannita-Hui, J., Sahoo, M. K., Kuimelis, P., Kuimelis, R. G., Pinsky, et al  
2019; 21 (4): 580–92
- **Community-based self-collected human papillomavirus screening in rural Zimbabwe.** *BMC public health*  
Fitzpatrick, M. B., El-Khatib, Z., Katzenstein, D., Pinsky, B. A., Chirenje, Z. M., McCarty, K.  
2019; 19 (Suppl 1): 603
- **Evaluation of the Aptima HCV Quant Dx Assay Using Serum and Dried Blood Spots** *JOURNAL OF CLINICAL MICROBIOLOGY*  
Weber, J., Sahoo, M. K., Taylor, N., Shi, R., Pinsky, B. A.  
2019; 57 (4)
- **Dual-target, real-time PCR for the diagnosis of intraocular Toxoplasma gondii infections** *BRITISH JOURNAL OF OPHTHALMOLOGY*  
Gomez, C. A., Sahoo, M. K., Kahn, G., Zhong, L., Montoya, J. G., Pinsky, B. A., Thuy Doan  
2019; 103 (4): 569–72
- **A 20-Gene Set Predictive of Progression to Severe Dengue.** *Cell reports*  
Robinson, M., Sweeney, T. E., Barouch-Bentov, R., Sahoo, M. K., Kalesinskas, L., Vallania, F., Sanz, A. M., Ortiz-Lasso, E., Albornoz, L. L., Rosso, F., Montoya, J. G., Pinsky, B. A., Khatri, et al  
2019; 26 (5): 1104
- **Trends in the Molecular Epidemiology and Genetic Mechanisms of Transmitted Human Immunodeficiency Virus Type 1 Drug Resistance in a Large US Clinic Population** *CLINICAL INFECTIOUS DISEASES*  
Rhee, S., Clutter, D., Fessel, W., Klein, D., Slome, S., Pinsky, B. A., Marcus, J. L., Hurley, L., Silverberg, M. J., Pond, S., Shafer, R. W.  
2019; 68 (2): 213–21
- **Molecular profiling of clear cell adenocarcinoma of the urinary tract.** *Virchows Archiv : an international journal of pathology*  
Lin, C. Y., Saleem, A. n., Stehr, H. n., Zehnder, J. L., Pinsky, B. A., Kunder, C. A.  
2019
- **Investigation of preanalytical variables impacting pathogen cell-free DNA in blood and urine.** *Journal of clinical microbiology*  
Murugesan, K. n., Hogan, C. A., Palmer, Z. n., Reeve, B. n., Theron, G. n., Andama, A. n., Somoskovi, A. n., Steadman, A. n., Madan, D. n., Andrews, J. n., Croda, J. n., Sahoo, M. K., Cattamanchi, et al  
2019
- **Comparison of Transcription-Mediated Amplification and Real-Time PCR Assays for Hepatitis B Virus DNA Quantitation in Serum.** *The journal of applied laboratory medicine*  
Weber, J. n., Sahoo, M. K., Taylor, N. n., Uy, E. n., Shi, R. Z., Pinsky, B. A.  
2019; 4 (3): 383–90
- **Real-time RT-PCR for the detection and quantitation of Oropouche virus.** *Diagnostic microbiology and infectious disease*  
Rojas, A. n., Stittleburg, V. n., Cardozo, F. n., Bopp, N. n., Cantero, C. n., López, S. n., Bernal, C. n., Mendoza, L. n., Aguilar, P. n., Pinsky, B. A., Guillén, Y. n., Páez, M. n., Waggoner, et al  
2019: 114894
- **Characterization of dengue cases among patients with an acute illness, Central Department, Paraguay.** *PeerJ*  
Rojas, A. n., Cardozo, F. n., Cantero, C. n., Stittleburg, V. n., López, S. n., Bernal, C. n., Gimenez Acosta, F. E., Mendoza, L. n., Pinsky, B. A., Arévalo de Guillén, I. n., Páez, M. n., Waggoner, J. n.  
2019; 7: e7852
- **Risk prediction for severe disease and better diagnostic accuracy in early dengue infection; the Colombo dengue study.** *BMC infectious diseases*  
Sigera, P. C., Amarasekara, R. n., Rodrigo, C. n., Rajapakse, S. n., Weeratunga, P. n., De Silva, N. L., Huang, C. H., Sahoo, M. K., Pinsky, B. A., Pillai, D. R., Tissera, H. A., Jayasinghe, S. n., Handunnetti, et al  
2019; 19 (1): 680
- **Virus-inclusive single-cell RNA sequencing reveals the molecular signature of progression to severe dengue.** *Proceedings of the National Academy of Sciences of the United States of America*

- Zanini, F., Robinson, M. L., Croote, D., Sahoo, M. K., Sanz, A. M., Ortiz-Lasso, E., Albornoz, L. L., Rosso, F., Montoya, J. G., Goo, L., Pinsky, B. A., Quake, S. R., Einav, et al  
2018
- **Deep Sequencing Prompts the Modification of a Real-time RT-PCR for the Serotype-Specific Detection of Polioviruses.** *Journal of virological methods*  
Holubar, M., Sahoo, M. K., Huang, C., Mohamed-Hadley, A., Liu, Y., Waggoner, J. J., Troy, S. B., Garcia-Garcia, L., Ferreyra-Reyes, L., Maldonado, Y., Pinsky, B. A.  
2018
  - **A Case Report of Pediatric Clear Cell Carcinoma of the Urinary Bladder Associated With Polyomavirus** *AJSP-REVIEWS AND REPORTS*  
Saleem, A., Brown, R. A., Higgins, J. P. T., Troxell, M. L., Kunder, C. A., Pinsky, B. A., Zambrano, E., Kao, C.  
2018; 23 (6): 291–95
  - **Native Kidney Cytomegalovirus Nephritis and Cytomegalovirus Prostatitis in a Kidney Transplant Recipient.** *Transplant infectious disease : an official journal of the Transplantation Society*  
Tan, S. K., Cheng, X. S., Kao, C., Weber, J., Pinsky, B. A., Gill, H. S., Busque, S., Subramanian, A. K., Tan, J. C.  
2018: e12998
  - **Poor Immunogenicity, Not Vaccine Strain Egg Adaptation, May Explain the Low H3N2 Influenza Vaccine Effectiveness in 2012-2013** *CLINICAL INFECTIOUS DISEASES*  
Cobey, S., Gouma, S., Parkhouse, K., Chambers, B. S., Ertl, H. C., Schmader, K. E., Halpin, R. A., Lin, X., Stockwell, T. B., Das, S. R., Landon, E., Tesic, V., Youngster, et al  
2018; 67 (3): 327–33
  - **FOXP3-positive T-cell lymphomas in non-HTLV1 carriers include ALK-negative anaplastic large cell lymphoma: expanding the Spectrum of T-cell lymphomas with regulatory phenotype.** *Human pathology*  
Ferreira, C. R., Zhao, S., Sahoo, M. K., Pinsky, B., Weber, J., Lage, L. A., Pereira, J., Zerbini, M. C., Natkunam, Y.  
2018
  - **Comparison of an In Vitro Diagnostic Next-Generation Sequencing Assay with Sanger Sequencing for HIV-1 Genotypic Resistance Testing** *JOURNAL OF CLINICAL MICROBIOLOGY*  
Tzou, P. L., Ariyaratne, P., Varghese, V., Lee, C., Rakhmanaliev, E., Villy, C., Yee, M., Tan, K., Michel, G., Pinsky, B. A., Shafer, R. W.  
2018; 56 (6)
  - **High human herpesvirus 6 viral load in pediatric allogeneic hematopoietic stem cell transplant patients is associated with detection in end organs and high mortality** *PEDIATRIC TRANSPLANTATION*  
Winestone, L. E., Punn, R., Tamareisis, J. S., Buckingham, J., Pinsky, B. A., Waggoner, J. J., Kharbanda, S.  
2018; 22 (2)
  - **Internally Controlled, Multiplex Real-Time Reverse Transcription PCR for Dengue Virus and Yellow Fever Virus Detection** *AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE*  
Rojas, A., Diagne, C. T., Stittleburg, V. D., Mohamed-Hadley, A., Arevalo de Guillen, Y., Balmaseda, A., Faye, O., Faye, O., Sall, A. A., Harris, E., Pinsky, B. A., Waggoner, J. J.  
2018; 98 (6): 1833–36
  - **ARBOVIRUS AND MALARIA CO-INFECTIONS AMONG FEBRILE KENYAN CHILDREN**  
Shah, M., Sahoo, M., Krystosik, A., Mutuku, F., Ndenga, B., Otuka, V., Ronga, C., Chebii, P., Maina, P., Jembe, Z., Pinsky, B., LaBeaud, A.  
*AMER SOC TROP MED & HYGIENE*.2018: 162–63
  - **Transplant Virus Detection Using Multiplex Targeted Sequencing.** *The journal of applied laboratory medicine*  
Tan, S. K., Shen, P. n., Lefterova, M. I., Sahoo, M. K., Fung, E. n., Odegaard, J. I., Davis, R. W., Pinsky, B. A., Scharfe, C. n.  
2018; 2 (5): 757–69
  - **Molecular diagnosis of Zika virus infections** *REVIEWS IN MEDICAL MICROBIOLOGY*  
St George, K., Pinsky, B. A.  
2018; 29 (1): 8–16
  - **Real-time RT-PCR for Mayaro virus detection in plasma and urine** *JOURNAL OF CLINICAL VIROLOGY*  
Waggoner, J. J., Rojas, A., Mohamed-Hadley, A., Arevalo de Guillen, Y., Pinsky, B. A.  
2018; 98: 1–4

- **Zika and Chikungunya virus detection in naturally infected *Aedes aegypti* in Ecuador** *ACTA TROPICA*  
Cevallos, V., Ponce, P., Waggoner, J. J., Pinsky, B. A., Coloma, J., Quiroga, C., Morales, D., Cardenas, M.  
2018; 177: 74–80
- **Global epidemiology of non-influenza RNA respiratory viruses: data gaps and a growing need for surveillance.** *The Lancet. Infectious diseases*  
Tang, J. W., Lam, T. T., Zaraket, H., Lipkin, W. I., Drews, S. J., Hatchette, T. F., Heraud, J. M., Koopmans, M. P.  
2017; 17 (10): e320-e326
- **Malaria and Chikungunya Detected Using Molecular Diagnostics Among Febrile Kenyan Children** *OPEN FORUM INFECTIOUS DISEASES*  
Waggoner, J., Brichard, J., Mutuku, F., Ndenga, B., Heath, C., Mohamed-Hadley, A., Sahoo, M. K., Vulule, J., Lefterova, M., BanaeiA, N., Mukoko, D., Pinsky, B. A., LaBeaud, et al  
2017; 4 (3): ofx110
- **Metagenomic DNA Sequencing for the Diagnosis of Intraocular Infections.** *Ophthalmology*  
Doan, T., Acharya, N. R., Pinsky, B. A., Sahoo, M. K., Chow, E. D., Banaei, N., Budvytiene, I., Cevallos, V., Zhong, L., Zhou, Z., Lietman, T. M., DeRisi, J. L.  
2017
- **Detection of Emerging Vaccine-Related Polioviruses by Deep Sequencing.** *Journal of clinical microbiology*  
Sahoo, M. K., Holubar, M., Huang, C., Mohamed-Hadley, A., Liu, Y., Waggoner, J. J., Troy, S. B., Garcia-Garcia, L., Ferreyra-Reyes, L., Maldonado, Y., Pinsky, B. A.  
2017
- **Stability of Zika Virus in Urine: Specimen Processing Considerations and Implications for the Detection of RNA Targets in Urine.** *Journal of virological methods*  
Tan, S. K., Sahoo, M. K., Milligan, S., Taylor, N., Pinsky, B. A.  
2017
- **Pericardial Effusion Following Hematopoietic Cell Transplantation in Children and Young Adults Is Associated with Increased Risk of Mortality.** *Biology of blood and marrow transplantation*  
Cox, K., Pun, R., Weiskopf, E., Pinsky, B. A., Kharbanda, S.  
2017
- **Current State of PCR-Based Epstein-Barr Virus DNA Testing for Nasopharyngeal Cancer** *JNCI-JOURNAL OF THE NATIONAL CANCER INSTITUTE*  
Kim, K. Y., Le, Q., Yom, S. S., Pinsky, B. A., Bratman, S. V., Ng, R. H. W., El Mubarak, H. S., Chan, K., Sander, M., Conley, B. A.  
2017; 109 (4)
- **Calibration of BK Virus Nucleic Acid Amplification Testing to the 1st WHO International Standard for BK Virus.** *Journal of clinical microbiology*  
Tan, S. K., Milligan, S., Sahoo, M. K., Taylor, N., Pinsky, B. A.  
2017; 55 (3): 923-930
- **T cells expand after solid organ transplantation in the absence of CMV disease.** *American journal of transplantation*  
Higdon, L. E., Trofe-Clark, J., Liu, S., Margulies, K. B., Sahoo, M. K., Blumberg, E., Pinsky, B. A., Maltzman, J. S.  
2017
- **High incidence of Zika virus infection detected in plasma and cervical cytology specimens from pregnant women in Guayaquil, Ecuador.** *American journal of reproductive immunology*  
Zambrano, H., Waggoner, J., León, K., Pinsky, B., Vera, K., Schettino, M., Rivera, L., Landivar, J., Granda, M., Lee, A., Mor, G.  
2017; 77 (2)
- **Progress in Quantitative Viral Load Testing: Variability and Impact of the WHO Quantitative International Standards.** *Journal of clinical microbiology*  
Hayden, R. T., Sun, Y., Tang, L., Procop, G. W., Hillyard, D. R., Pinsky, B. A., Young, S. A., Caliendo, A. M.  
2017; 55 (2): 423-430
- **IgG antibodies to dengue enhanced for FcγRIIIA binding determine disease severity.** *Science (New York, N.Y.)*  
Wang, T. T., Sewatanon, J., Memoli, M. J., Wrammert, J., Bournazos, S., Bhaumik, S. K., Pinsky, B. A., Chokephaibulkit, K., Onlamoon, N., Pattanapanyasat, K., Taubenberger, J. K., Ahmed, R., Ravetch, et al

2017; 355 (6323): 395-398

- **Clinical characteristics and outcomes of pediatric patients with CMV DNA detection in bronchoalveolar lavage fluid.** *Pediatric pulmonology*  
Burgener, E. B., Waggoner, J., Pinsky, B. A., Chen, S. F.  
2017; 52 (1): 112-118
- **The Human Virome - Implications for Clinical Practice in Transplantation Medicine.** *Journal of clinical microbiology*  
Tan, S. K., Relman, D. A., Pinsky, B. A.  
2017
- **Prevalence of Drug-Resistant Minority Variants in Untreated HIV-1-Infected Individuals With and Those Without Transmitted Drug Resistance Detected by Sanger Sequencing.** *The Journal of infectious diseases*  
Clutter, D. S., Zhou, S. n., Varghese, V. n., Rhee, S. Y., Pinsky, B. A., Jeffrey Fessel, W. n., Klein, D. B., Spielvogel, E. n., Holmes, S. P., Hurley, L. B., Silverberg, M. J., Swanstrom, R. n., Shafer, et al  
2017; 216 (3): 387-91
- **Development of a Real-Time Reverse Transcription Polymerase Chain Reaction for O'nyong-nyong Virus and Evaluation with Clinical and Mosquito Specimens from Kenya** *AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE*  
Waggoner, J., Heath, C., Ndenga, B., Mutuku, F., Sahoo, M. K., Mohamed-Hadley, A., Vulule, J., Mukoko, D., LaBeaud, A., Pinsky, B. A.  
2017; 97 (1): 121-24
- **Closing the Brief Case: Confirmed Positive HIV-1 Serological Screening but Undetectable RNA Virus Load in a Pregnant Woman.** *Journal of clinical microbiology*  
Joshi, R. P., Gomez, C. A., Steiner, D. n., Aziz, N. n., Pinsky, B. A.  
2017; 55 (12): 3566-67
- **The Brief Case: Confirmed Positive HIV-1 Serologic Screening but Undetectable RNA Virus Load in a Pregnant Woman.** *Journal of clinical microbiology*  
Joshi, R. P., Gomez, C. A., Steiner, D. n., Aziz, N. n., Pinsky, B. A.  
2017; 55 (12): 3316-20
- **Zika Virus, Chikungunya Virus, and Dengue Virus in Cerebrospinal Fluid from Adults with Neurological Manifestations, Guayaquil, Ecuador.** *Frontiers in microbiology*  
Acevedo, N., Waggoner, J., Rodriguez, M., Rivera, L., Landivar, J., Pinsky, B., Zambrano, H.  
2017; 8: 42-?
- **Zika Virus and Chikungunya Virus Coinfections: A Series of Three Cases from a Single Center in Ecuador.** *American journal of tropical medicine and hygiene*  
Zambrano, H., Waggoner, J. J., Almeida, C., Rivera, L., Benjamin, J. Q., Pinsky, B. A.  
2016; 95 (4): 894-896
- **Homotypic Dengue Virus Reinfections in Nicaraguan Children.** *journal of infectious diseases*  
Waggoner, J. J., Balmaseda, A., Gresh, L., Sahoo, M. K., Montoya, M., Wang, C., Abeynayake, J., Kuan, G., Pinsky, B. A., Harris, E.  
2016; 214 (7): 986-993
- **Molecular diagnostics for human leptospirosis.** *Current opinion in infectious diseases*  
Waggoner, J. J., Pinsky, B. A.  
2016; 29 (5): 440-445
- **Evaluation of the Aptima HIV-1 Quant Dx Assay Using Plasma and Dried Blood Spots.** *Journal of clinical microbiology*  
Sahoo, M. K., Varghese, V., White, E., Winslow, M., Katzenstein, D. A., Shafer, R. W., Pinsky, B. A.  
2016; 54 (10): 2597-2601
- **Q148N, a Novel Integrase Inhibitor Resistance Mutation Associated with Low-Level Reduction in Elvitegravir Susceptibility** *AIDS RESEARCH AND HUMAN RETROVIRUSES*  
Varghese, V., Pinsky, B. A., Smith, D. S., Klein, D., Shafer, R. W.  
2016; 32 (7): 702-704
- **Single-Reaction Multiplex Reverse Transcription PCR for Detection of Zika, Chikungunya, and Dengue Viruses** *EMERGING INFECTIOUS DISEASES*  
Waggoner, J. J., Gresh, L., Mohamed-Hadley, A., Ballesteros, G., Vargas Davila, M. J., Tellez, Y., Sahoo, M. K., Balmaseda, A., Harris, E., Pinsky, B. A.

2016; 22 (7): 1295-1297

- **Clinical evaluation of a single-reaction real-time RT-PCR for pan-dengue and chikungunya virus detection** *JOURNAL OF CLINICAL VIROLOGY*  
Waggoner, J. J., Ballesteros, G., Gresh, L., Mohamed-Hadley, A., Tellez, Y., Sahoo, M. K., Abeynayake, J., Balmaseda, A., Harris, E., Pinsky, B. A.  
2016; 78: 57-61
- **Molecular and Culture-Based Bronchoalveolar Lavage Fluid Testing for the Diagnosis of Cytomegalovirus Pneumonitis.** *Open forum infectious diseases*  
Tan, S. K., Burgener, E. B., Waggoner, J. J., Gajurel, K., Gonzalez, S., Chen, S. F., Pinsky, B. A.  
2016; 3 (1): ofv212-?
- **Respiratory Viruses** *CLINICAL VIROLOGY MANUAL, 5TH EDITION*  
Robinson, C., Loeffelholz, M. J., Pinsky, B. A.  
edited by Loeffelholz, M. J., Hodinka, R. L., Young, S. A., Pinsky, B. A.  
2016: 257-276
- **Delayed Diagnosis of Tuberculous Meningitis Misdiagnosed as Herpes Simplex Virus-1 Encephalitis With the FilmArray Syndromic Polymerase Chain Reaction Panel** *Open Forum Infectious Diseases*  
Gomez, C. A., Pinsky, B. A., Liu, A., Banaei, N.  
2016: ofw245
- **Current and future molecular diagnostics for ocular infectious diseases.** *Current opinion in ophthalmology*  
Doan, T. n., Pinsky, B. A.  
2016; 27 (6): 561-67
- **Analytical Performance Characteristics of the Cepheid GeneXpert Ebola Assay for the Detection of Ebola Virus (vol 10, e0142216, 2015)** *PLOS ONE*  
Pinsky, B. A., Sahoo, M. K., Sandlund, J., Kleman, M., Kulkarni, M., Grufman, P., Nygren, M., Kwiatkowski, R., Baron, E., Tenover, F., Denison, B., Higuchi, R., Van Atta, et al  
2015; 10 (12): e0145896
- **Analytical Performance Characteristics of the Cepheid GeneXpert Ebola Assay for the Detection of Ebola Virus** *PLOS ONE*  
Pinsky, B. A., Sahoo, M. K., Sandlund, J., Kleman, M., Kulkarni, M., Grufman, P., Nygren, M., Kwiatkowski, R., Baron, E. J., Tenover, F., Denison, B., Higuchi, R., van Atta, et al  
2015; 10 (11)
- **Next-Generation Sequencing for Infectious Disease Diagnosis and Management A Report of the Association for Molecular Pathology** *JOURNAL OF MOLECULAR DIAGNOSTICS*  
Lefterova, M. I., Suarez, C. J., Banaei, N., Pinsky, B. A.  
2015; 17 (6): 623-634
- **Molecular Testing for Plasmodium falciparum by Use of Serum or Plasma and Comparison with Microscopy and Rapid Diagnostic Testing in Febrile Nigerian Patients.** *Journal of clinical microbiology*  
Waggoner, J. J., Okangba, C., Mohamed-Hadley, A., Lefterova, M. I., Banaei, N., Oyibo, W., Pinsky, B. A.  
2015; 53 (11): 3596-3600
- **Limited Variation in BK Virus T-Cell Epitopes Revealed by Next-Generation Sequencing.** *Journal of clinical microbiology*  
Sahoo, M. K., Tan, S. K., Chen, S. F., Kapusinszky, B., Concepcion, K. R., Kjelson, L., Mallemati, K., Farina, H. M., Fernández-Viña, M., Tyan, D., Grimm, P. C., Anderson, M. W., Concepcion, et al  
2015; 53 (10): 3226-3233
- **Molecular Detection of Leptospira in Two Returned Travelers: Higher Bacterial Load in Cerebrospinal Fluid Versus Serum or Plasma.** *American journal of tropical medicine and hygiene*  
Waggoner, J. J., Soda, E. A., Seibert, R., Grant, P., Pinsky, B. A.  
2015; 93 (2): 238-240
- **Cytomegalovirus load at treatment initiation is predictive of time to resolution of viremia and duration of therapy in hematopoietic cell transplant recipients** *JOURNAL OF CLINICAL VIROLOGY*  
Tan, S. K., Waggoner, J. J., Pinsky, B. A.  
2015; 69: 179-183

- **Fatal West Nile Virus Encephalitis in a Heart Transplant Recipient** *JOURNAL OF CLINICAL MICROBIOLOGY*  
Gomez, A. J., Waggoner, J. J., Itoh, M., Hollander, S. A., Gutierrez, K. M., Budvytiene, I., Banaei, N., Pinsky, B. A.  
2015; 53 (8): 2749-2752
- **Reverse-Transcriptase PCR Detection of Leptospira: Absence of Agreement with Single-Specimen Microscopic Agglutination Testing** *PLOS ONE*  
Waggoner, J. J., Balassiano, I., Mohamed-Hadley, A., Vital-Brazil, J. M., Sahoo, M. K., Pinsky, B. A.  
2015; 10 (7)
- **Fatal West Nile Virus Encephalitis in a Heart Transplant Recipient.** *Journal of clinical microbiology*  
Gomez, A. J., Waggoner, J. J., Itoh, M., Hollander, S. A., Gutierrez, K. M., Budvytiene, I., Banaei, N., Pinsky, B. A.  
2015
- **How great is the threat of chikungunya virus?** *Expert review of anti-infective therapy*  
Waggoner, J. J., Pinsky, B. A.  
2015; 13 (3): 291-293
- **Improved serotype-specific dengue virus detection in Trinidad and Tobago using a multiplex, real-time RT-PCR.** *Diagnostic microbiology and infectious disease*  
Waggoner, J. J., Sahadeo, N. S., Brown, A., Mohamed-Hadley, A., Hadley, D., Carrington, L., Carrington, C. V., Pinsky, B. A.  
2015; 81 (2): 105-106
- **Norovirus** *CLINICAL MICROBIOLOGY REVIEWS*  
Robilotti, E., Deresinski, S., Pinsky, B. A.  
2015; 28 (1): 134-164
- **Reverse-Transcriptase PCR Detection of Leptospira: Absence of Agreement with Single-Specimen Microscopic Agglutination Testing.** *PloS one*  
Waggoner, J. J., Balassiano, I., Mohamed-Hadley, A., Vital-Brazil, J. M., Sahoo, M. K., Pinsky, B. A.  
2015; 10 (7)
- **Norovirus.** *Clinical microbiology reviews*  
Robilotti, E., Deresinski, S., Pinsky, B. A.  
2015; 28 (1): 134-164
- **Sensitive Real-Time PCR Detection of Pathogenic Leptospira spp. and a Comparison of Nucleic Acid Amplification Methods for the Diagnosis of Leptospirosis** *PLOS ONE*  
Waggoner, J. J., Balassiano, I., Abeynayake, J., Sahoo, M. K., Mohamed-Hadley, A., Liu, Y., Vital-Brazil, J. M., Pinsky, B. A.  
2014; 9 (11)
- **Commutable of the Epstein-Barr Virus WHO International Standard across Two Quantitative PCR Methods** *JOURNAL OF CLINICAL MICROBIOLOGY*  
Abeynayake, J., Johnson, R., Libiran, P., Sahoo, M. K., Cao, H., Bowen, R., Chan, K. C., Quynh-Thu Le, Q. T., Pinsky, B. A.  
2014; 52 (10): 3802-3804
- **Encephalitis caused by chikungunya virus in a traveler from the kingdom of tonga.** *Journal of clinical microbiology*  
Nelson, J., Waggoner, J. J., Sahoo, M. K., Grant, P. M., Pinsky, B. A.  
2014; 52 (9): 3459-3461
- **Improved detection of emerging drug-resistant mutant cytomegalovirus subpopulations by deep sequencing.** *Antimicrobial agents and chemotherapy*  
Chou, S., Ercolani, R. J., Sahoo, M. K., Lefterova, M. I., Strasfeld, L. M., Pinsky, B. A.  
2014; 58 (8): 4697-4702
- **Multiplex nucleic Acid amplification test for diagnosis of dengue Fever, malaria, and leptospirosis.** *Journal of clinical microbiology*  
Waggoner, J. J., Abeynayake, J., Balassiano, I., Lefterova, M., Sahoo, M. K., Liu, Y., Vital-Brazil, J. M., Gresh, L., Balmaseda, A., Harris, E., Banaei, N., Pinsky, B. A.  
2014; 52 (6): 2011-2018
- **Reply to "Inconclusive reverse transcription-PCR assay comparison for dengue virus detection and serotyping".** *Journal of clinical microbiology*

- Waggoner, J. J., Pinsky, B. A.  
2014; 52 (5): 1801-1802
- **Evaluation of serial urine viral cultures for the diagnosis of cytomegalovirus infection in neonates and infants.** *Pediatric and developmental pathology*  
Chisholm, K. M., Aziz, N., McDowell, M., Guo, F. P., Srinivas, N., Benitz, W. E., Norton, M. E., Gutierrez, K., Folkins, A. K., Pinsky, B. A.  
2014; 17 (3): 176-180
  - **Human Papilloma Virus is not Prevalent in Nevus Sebaceus** *PEDIATRIC DERMATOLOGY*  
Kim, D., Benjamin, L. T., Sahoo, M. K., Kim, J., Pinsky, B. A.  
2014; 31 (3): 326-330
  - **Comparison of automated nucleic acid extraction methods for the detection of cytomegalovirus DNA in fluids and tissues.** *PeerJ*  
Waggoner, J. J., Pinsky, B. A.  
2014; 2
  - **Sensitive real-time PCR detection of pathogenic Leptospira spp. and a comparison of nucleic acid amplification methods for the diagnosis of leptospirosis.** *PLoS one*  
Waggoner, J. J., Balassiano, I., Abeynayake, J., Sahoo, M. K., Mohamed-Hadley, A., Liu, Y., Vital-Brazil, J. M., Pinsky, B. A.  
2014; 9 (11)
  - **Comparison of automated nucleic acid extraction methods for the detection of cytomegalovirus DNA in fluids and tissues.** *PeerJ*  
Waggoner, J. J., Pinsky, B. A.  
2014; 2: e334
  - **BK Polyomavirus Subtype III in a Pediatric Renal Transplant Patient with Nephropathy.** *Journal of clinical microbiology*  
Kapusinszky, B., Chen, S. F., Sahoo, M. K., Lefterova, M. I., Kjelson, L., Grimm, P. C., Kambham, N., Concepcion, W., Pinsky, B. A.  
2013; 51 (12): 4255-4258
  - **Detection of cytomegalovirus drug resistance mutations by next-generation sequencing.** *Journal of clinical microbiology*  
Sahoo, M. K., Lefterova, M. I., Yamamoto, F., Waggoner, J. J., Chou, S., Holmes, S. P., Anderson, M. W., Pinsky, B. A.  
2013; 51 (11): 3700-3710
  - **Profound plasmacytosis in a patient with dengue.** *International journal of hematology*  
Ewalt, M. D., Abeynayake, J., Waggoner, J. J., Pinsky, B. A., Ohgami, R. S.  
2013; 98 (5): 518-519
  - **Comparison of the FDA-Approved CDC DENV-1-4 Real-Time Reverse Transcription-PCR with a Laboratory-Developed Assay for Dengue Virus Detection and Serotyping.** *Journal of clinical microbiology*  
Waggoner, J. J., Abeynayake, J., Sahoo, M. K., Gresh, L., Tellez, Y., Gonzalez, K., Ballesteros, G., Guo, F. P., Balmaseda, A., Karunaratne, K., Harris, E., Pinsky, B. A.  
2013; 51 (10): 3418-3420
  - **Diagnosis of Congenital CMV Using PCR Performed on Formalin-fixed, Paraffin-embedded Placental Tissue.** *American journal of surgical pathology*  
Folkins, A. K., Chisholm, K. M., Guo, F. P., McDowell, M., Aziz, N., Pinsky, B. A.  
2013; 37 (9): 1413-1420
  - **A comparison of CMV detection in gastrointestinal mucosal biopsies using immunohistochemistry and PCR performed on formalin-fixed, paraffin-embedded tissue.** *American journal of surgical pathology*  
Mills, A. M., Guo, F. P., Copland, A. P., Pai, R. K., Pinsky, B. A.  
2013; 37 (7): 995-1000
  - **Development of an internally controlled real-time reverse transcriptase PCR assay for pan-dengue virus detection and comparison of four molecular dengue virus detection assays.** *Journal of clinical microbiology*  
Waggoner, J. J., Abeynayake, J., Sahoo, M. K., Gresh, L., Tellez, Y., Gonzalez, K., Ballesteros, G., Balmaseda, A., Karunaratne, K., Harris, E., Pinsky, B. A.  
2013; 51 (7): 2172-2181
  - **p16 Is Superior to ProEx C in Identifying High-grade Squamous Intraepithelial Lesions (HSIL) of the Anal Canal** *AMERICAN JOURNAL OF SURGICAL PATHOLOGY*

- Bala, R., Pinsky, B. A., Beck, A. H., Kong, C. S., Welton, M. L., Longacre, T. A.  
2013; 37 (5): 659-668
- **An international collaboration to harmonize the quantitative plasma Epstein-Barr virus DNA assay for future biomarker-guided trials in nasopharyngeal carcinoma.** *Clinical cancer research*  
Le, Q., Zhang, Q., Cao, H., Cheng, A., Pinsky, B. A., Hong, R., Chang, J. T., Wang, C., Tsao, K., Lo, Y. D., Lee, N., Ang, K. K., Chan, et al  
2013; 19 (8): 2208-2215
  - **CMV antigenemia and quantitative viral load assessments in hematopoietic stem cell transplant recipients** *JOURNAL OF CLINICAL VIROLOGY*  
Cardenoso, L., Pinsky, B. A., Lautenschlager, I., Aslam, S., Cobb, B., Vilchez, R. A., Hirsch, H. H.  
2013; 56 (2): 108-112
  - **An International Multicenter Performance Analysis of Cytomegalovirus Load Tests** *CLINICAL INFECTIOUS DISEASES*  
Hirsch, H. H., Lautenschlager, I., Pinsky, B. A., Cardenoso, L., Aslam, S., Cobb, B., Vilchez, R. A., Valsamakis, A.  
2013; 56 (3): 367-373
  - **Severe Hepatitis Associated with an Echovirus 18 Infection in an Immune-Compromised Adult** *JOURNAL OF CLINICAL MICROBIOLOGY*  
Lefterova, M. I., Rivetta, C., George, T. I., Pinsky, B. A.  
2013; 51 (2): 684-687
  - **Laboratory-Developed L1 Sequencing and Type-Specific, Real-Time Polymerase Chain Reaction for the Detection and Typing of Human Papillomaviruses in Formalin-Fixed, Paraffin-Embedded Tissues** *ARCHIVES OF PATHOLOGY & LABORATORY MEDICINE*  
Mills, A., Balasubramaniam, R., Longacre, T. A., Kong, C. S., Pinsky, B. A.  
2013; 137 (1): 50-54
  - **Profound plasmacytosis in a patient with dengue** *International Journal of Hematology*  
Ewalt, M. D., Abeynayake, J., Waggoner, J. ., Pinsky, B. ., Ohgami, R. S.  
2013: 518-19
  - **Single-reaction, multiplex, real-time rt-PCR for the detection, quantitation, and serotyping of dengue viruses.** *PLoS neglected tropical diseases*  
Waggoner, J. J., Abeynayake, J., Sahoo, M. K., Gresh, L., Tellez, Y., Gonzalez, K., Ballesteros, G., Pierro, A. M., Gaibani, P., Guo, F. P., Sambri, V., Balmaseda, A., Karunaratne, et al  
2013; 7 (4)
  - **Comparison of Xpert Flu rapid nucleic acid testing with rapid antigen testing for the diagnosis of influenza A and B** *JOURNAL OF VIROLOGICAL METHODS*  
DiMaio, M. A., Sahoo, M. K., Waggoner, J., Pinsky, B. A.  
2012; 186 (1-2): 137-140
  - **Clinical Significance of Low Cytomegalovirus DNA Levels in Human Plasma** *JOURNAL OF CLINICAL MICROBIOLOGY*  
Waggoner, J., Ho, D. Y., Libiran, P., Pinsky, B. A.  
2012; 50 (7): 2378-2383
  - **Quantitation of Human Papillomavirus DNA in Plasma of Oropharyngeal Carcinoma Patients** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*  
Cao, H., Banh, A., Kwok, S., Shi, X., Wu, S., Krakow, T., Khong, B., Bavan, B., Bala, R., Pinsky, B. A., Colevas, D., Pourmand, N., Koong, et al  
2012; 82 (3): E351-E358
  - **A Synonymous Change in the Influenza A Virus Neuraminidase Gene Interferes with PCR-Based Subtyping and Oseltamivir Resistance Mutation Detection** *JOURNAL OF CLINICAL MICROBIOLOGY*  
Trevino, C., Bihon, S., Pinsky, B. A.  
2011; 49 (8): 3101-3102
  - **Ultrasensitive Detection of Drug-Resistant Pandemic 2009 (H1N1) Influenza A Virus by Rare-Variant-Sensitive High-Resolution Melting-Curve Analysis** *JOURNAL OF CLINICAL MICROBIOLOGY*  
Chen, N., Pinsky, B. A., Lee, B. P., Lin, M., Schrijver, I.  
2011; 49 (7): 2602-2609
  - **The Persistence of Influenza Infection Response** *EMERGING INFECTIOUS DISEASES*

- Pinsky, B., Baron, E. J.  
2010; 16 (11): 1818-1819
- **Long-term Shedding of Influenza A Virus in Stool of Immunocompromised Child** *EMERGING INFECTIOUS DISEASES*  
Pinsky, B. A., Mix, S., Rowe, J., Ikemoto, S., Baron, E. J.  
2010; 16 (7): 1165-1167
  - **Real-Time PCR Testing for mecA Reduces Vancomycin Usage and Length of Hospitalization for Patients Infected with Methicillin-Sensitive Staphylococci** *JOURNAL OF CLINICAL MICROBIOLOGY*  
Nguyen, D. T., Yeh, E., Perry, S., Luo, R. F., Pinsky, B. A., Lee, B. P., Sisodiya, D., Baron, E. J., Banaei, N.  
2010; 48 (3): 785-790
  - **Preferential Lower Respiratory Tract Infection in Swine-Origin 2009 A(H1N1) Influenza** *CLINICAL INFECTIOUS DISEASES*  
Yeh, E., Luo, R. F., Dyner, L., Hong, D. K., Banaei, N., Baron, E. J., Pinsky, B. A.  
2010; 50 (3): 391-394
  - **Comparison of Real-Time PCR and Conventional Biochemical Methods for Identification of Staphylococcus lugdunensis** *JOURNAL OF CLINICAL MICROBIOLOGY*  
Pinsky, B. A., Samson, D., Ghafghaichi, L., Baron, E. J., Banaei, N.  
2009; 47 (11): 3472-3477
  - **First documentation of isoniazid reversion in Mycobacterium tuberculosis** *INTERNATIONAL JOURNAL OF TUBERCULOSIS AND LUNG DISEASE*  
Richardson, E. T., Lin, S. G., Pinsky, B. A., Desmond, E., Banaei, N.  
2009; 13 (11): 1347-1354
  - **Protein Phosphatase 1 Regulates Exit from the Spindle Checkpoint in Budding Yeast** *CURRENT BIOLOGY*  
Pinsky, B. A., Nelson, C. R., Biggins, S.  
2009; 19 (14): 1182-1187
  - **Hair Sheep Blood, Citrated or Defibrinated, Fulfills All Requirements of Blood Agar for Diagnostic Microbiology Laboratory Tests** *PLOS ONE*  
Yeh, E., Pinsky, B. A., Banaei, N., Baron, E. J.  
2009; 4 (7)
  - **Bartholin's abscess caused by hypermucoviscous Klebsiella pneumoniae** *JOURNAL OF MEDICAL MICROBIOLOGY*  
Pinsky, B. A., Baron, E. J., Janda, J. M., Banaei, N.  
2009; 58 (5): 671-673
  - **Multiplex real-time PCR assay for rapid identification of Mycobacterium tuberculosis complex members to the species level** *JOURNAL OF CLINICAL MICROBIOLOGY*  
Pinsky, B. A., Banaei, N.  
2008; 46 (7): 2241-2246
  - **Glc7/protein phosphatase 1 regulatory subunits can oppose the Ipl1/aurora protein kinase by redistributing Glc7** *MOLECULAR AND CELLULAR BIOLOGY*  
Pinsky, B. A., Kotwaliwale, C. V., Tatsutani, S. Y., Breed, C. A., Biggins, S.  
2006; 26 (7): 2648-2660
  - **The Ipl1-Aurora protein kinase activates the spindle checkpoint by creating unattached kinetochores** *NATURE CELL BIOLOGY*  
Pinsky, B. A., Kung, C., Shokat, K. M., Biggins, S.  
2006; 8 (1): 78-U28
  - **The spindle checkpoint: tension versus attachment** *TRENDS IN CELL BIOLOGY*  
Pinsky, B. A., Biggins, S.  
2005; 15 (9): 486-493
  - **An Mtw1 complex promotes kinetochore biorientation that is monitored by the Ipl1/Aurora protein kinase** *DEVELOPMENTAL CELL*  
Pinsky, B. A., Tatsutani, S. Y., Collins, K. A., Biggins, S.  
2003; 5 (5): 735-745

- **Top-SUMO wrestles centromeric cohesion** *DEVELOPMENTAL CELL*  
Pinsky, B. A., Biggins, S.  
2002; 3 (1): 4-6
- **Nlk is a murine protein kinase related to Erk/MAP kinases and localized in the nucleus** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Brott, B. K., Pinsky, B. A., Erikson, R. L.  
1998; 95 (3): 963-968