



## Benjamin Pinsky

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

### CLINICAL OFFICE (PRIMARY)

- **Pathology**

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### ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

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### Bio

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#### BIO

As the Medical Director of the Clinical Virology Laboratory for Stanford Health Care and the Stanford Children's Health, as well as the Medical Co-Director for Point of Care Testing, and the Medical Director of Esoteric (Send-out) testing, 60% of my time is spent attending to clinical responsibilities. Teaching medical students, residents, and fellows, as well as administrative tasks, including serving on the Integrated Pediatric Infectious Disease Committee and chairing the Clinical Laboratory Utilization Committee, account for 20%. The remaining 20% is dedicated to scholarly activities, focusing on the design of novel infectious disease diagnostics and investigation of the clinical relevance of molecular infectious disease testing.

#### 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 Co-Director, Point of Care Testing, SHC, (2018- present)

- Medical Director, Esoteric (Send-out) Testing, (2019- present)
- Medical Director, Clinical Virology Laboratory, (2010- present)
- Medical Director, Point of Care Testing, Surgery Center at Byers Eye Institute, (2012- present)
- Medical Director, Point of Care Testing, Stanford Primary Care Multisite, (2016- present)
- Senior Fellow, Center for Innovation in Global Health, (2015- present)
- Faculty Affiliate, Stanford Bio-X, (2016- present)

## **BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS**

- Editor-in-Chief, Journal of Clinical Virology (2018 - present)
- Clinical Virology Symposium Organizing Committee, American Society for Microbiology (2014 - present)
- California Delegate, House of Delegates, College of American Pathologists (2018 - present)
- Microbiology Resource Committee, College of American Pathologists (2012 - 2017)
- Training and Education Committee, Association for Molecular Pathology (2013 - 2015)
- Clinical Practice Committee, Association for Molecular Pathology (2015 - 2017)
- Councilor, Pan American Society for Clinical Virology (2014 - 2018)

## **PROFESSIONAL EDUCATION**

- Residency: Stanford University Pathology Residency (2010) CA
- Board Certification: Clinical Pathology, American Board of Pathology (2012)
- Medical Education: University of Washington School of Medicine (2007) WA
- Board Certification, American Board of Pathology , Clinical Pathology (2012)
- Fellowship, Stanford Hospital & Clinics , Molecular Pathology (2010)
- 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**

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### **CURRENT RESEARCH AND SCHOLARLY INTERESTS**

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

### **PROJECTS**

- Dengue Virus Detection among Febrile Children Clinically Diagnosed with a non-Dengue Illness
- Multiplex Molecular Diagnostics for Undifferentiated Febrile Illness in Brazil
- Multiplex Molecular Diagnostics for Undifferentiated Febrile Illness in Sri Lanka
- Multiplex Molecular Diagnostics for Undifferentiated Febrile Illness in Zimbabwe

## **Teaching**

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### **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., Fong, 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., Gombor, 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
  - **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., Roltgen, 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
- **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 Bentem, 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*  
Fricke, 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  
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