

Stanford



Jason Andrews

Professor of Medicine (Infectious Diseases)
Medicine - Infectious Diseases

CLINICAL OFFICE (PRIMARY)

- **Infectious Diseases**

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Bio

BIO

Jason Andrews is a Professor in the Division of Infectious Diseases and Geographic Medicine and a practicing infectious diseases physician.

CLINICAL FOCUS

- Infectious Disease

ACADEMIC APPOINTMENTS

- Professor, Medicine - Infectious Diseases
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)
- Affiliate, Stanford Woods Institute for the Environment

HONORS AND AWARDS

- Fellow, Infectious Diseases Society of America (2018)
- NIH Director's New Innovator Award, NIH (2016)
- George Rosenkranz Prize for Healthcare Research In Developing Countries, Rosenkranz Prize (2015)
- The Union Young Investigator Prize, International Union Against Tuberculosis and Lung Disease (2015)
- Young Physician-Scientist Award, American Society of Clinical Investigation (2014)
- Dean's Community Service Award, Harvard Medical School (2012)
- David Brudnoy Scholar Award, Massachusetts General Hospital (2011)
- David Brudnoy Scholar Award, Massachusetts General Hospital (2010)
- Award for Best International Health Thesis, Yale School of Medicine Award (2007)
- Merck Book Award for Academic Excellence, Yale School of Medicine (2007)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Faculty Fellow, Stanford Center for Innovation in Global Health (2015 - present)

PROGRAM AFFILIATIONS

- Center for Latin American Studies

PROFESSIONAL EDUCATION

- Board Certification: Infectious Disease, American Board of Internal Medicine (2024)
- Fellowship: Massachusetts General and Brigham and Women's Hospitals (2013) MA
- Medical Education: Yale University Office of the Registrar (2007) CT
- Board Certification, American Board of Internal Medicine , Infectious Diseases (2012)
- Fellowship, Harvard Combined Program in Infectious Diseases (Massachusetts General and Brigham and Women's Hospitals) , Infectious Diseases (2012)
- DTM&H, Gorgas Memorial Institute of Tropical & Preventive Medicine (2012)
- Board Certification, American Board of Internal Medicine , Internal Medicine (2010)
- SM, Harvard School of Public Health (2012)
- Residency, University of California, San Francisco (2009)
- Internship, University of California, San Francisco (2008)
- MD, Yale University (2007)
- BA, Yale University (2002)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Our laboratory aims to develop and test innovative approaches to the diagnosis, treatment and control of infectious diseases in resource-limited settings. We draw upon multiple fields including mathematical modeling, microbial genetics, field epidemiology, and statistical inference to work on challenging problems in infectious diseases, with an emphasis on tuberculosis and tropical diseases. Our current field research sites are in Brazil, South Africa, Nepal and India.

CLINICAL TRIALS

- COVID-19 Study Assessing the Efficacy and Safety of Anti-Spike SARS CoV-2 Monoclonal Antibodies for Prevention of SARS CoV-2 Infection Asymptomatic in Healthy Adults and Adolescents Who Are Household Contacts to an Individual With a Positive SARS-CoV-2 RT-PCR Assay, Recruiting
- Point-of-care Pharmacogenomic Testing to Optimize Isoniazid Dosing for Tuberculosis Prevention, Recruiting
- Safety, Tolerability, and Efficacy of Anti-Spike (S) SARS-CoV-2 Monoclonal Antibodies for the Treatment of Ambulatory Adult and Pediatric Patients With COVID-19, Recruiting

PROJECTS

- Strategies for tuberculosis control in Brazilian prisons - Stanford University and Federal University of Grande Dourados
- Surveillance for Enteric Fever in Asia Project (SEAP)
- Evaluating novel diagnostic approaches for tuberculosis
- Host blood biomarkers for diagnosis, prognosis and treatment response of childhood tuberculosis - Stanford University and University of Cape Town
- Sero-epidemiology and environmental surveillance for enteric fever - Stanford University and Sabin Vaccine Institute
- Global Burden of Tuberculosis in Prisons - Stanford University
- Characterizing Infectiousness Of Subclinical TB And Identifying Novel Early Diagnostic Strategies for Preventing Transmission - Stanford & Fiocruz Mato Grosso do Sul
- Preventing Covid-19 in Correctional Facilities - Stanford

- Does phage predation shape typhoid ecology in urban environments - Stanford University & Child Health Research Foundation (Bangladesh)
- Detection of asymptomatic *Salmonella enterica* serotype Typhi and Paratyphi A carriage by serum antibodies targeting YncE - Massachusetts General Hospital, Stanford University, Dhulikhel Hospital
- Modeling to inform the response to the Covid-19 epidemic - Stanford

Teaching

COURSES

2023-24

- Epidemiology of Infectious Diseases: EPI 231 (Win)

2022-23

- Epidemiology of Infectious Diseases: EPI 231 (Win)
- Models for Understanding and Controlling Global Infectious Diseases: HRP 204, HUMBIO 154D (Spr)

2021-22

- Epidemiology of Infectious Diseases: EPI 231 (Win)

2020-21

- Epidemiology of Infectious Diseases: EPI 231 (Win)

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Mallory Harris

Postdoctoral Faculty Sponsor

Ronan Arthur, Izabela Rezende, Argita Salindri, Kesia da Silva

Doctoral Dissertation Advisor (AC)

Yiran Liu

Master's Program Advisor

Yutong Liu, Nivetha Subramanian

Postdoctoral Research Mentor

Argita Salindri, Kesia da Silva

Publications

PUBLICATIONS

- **A Nanopore Sequencing-based Pharmacogenomic Panel to Personalize Tuberculosis Drug Dosing.** *American journal of respiratory and critical care medicine* Verma, R., Silva, K. E., Rockwood, N., Wasmann, R. E., Yende, N., Song, T., Kim, E., Denti, P., Wilkinson, R. J., Andrews, J. R. 2024
- **Effect of BCG vaccination against *Mycobacterium tuberculosis* infection in adult Brazilian health-care workers: a nested clinical trial.** *The Lancet. Infectious diseases* Dos Santos, P. C., Messina, N. L., de Oliveira, R. D., da Silva, P. V., Puga, M. A., Dalcolmo, M., Dos Santos, G., de Lacerda, M. V., Jardim, B. A., de Almeida E Val, F. F., Curtis, N., Andrews, J. R., Croda, et al 2024
- **Global, regional, and national estimates of tuberculosis incidence and case detection among incarcerated individuals from 2000 to 2019: a systematic analysis.** *The Lancet. Public health*

- Martinez, L., Warren, J. L., Harries, A. D., Croda, J., Espinal, M. A., Olarte, R. A., Avedillo, P., Lienhardt, C., Bhatia, V., Liu, Q., Chakaya, J., Denholm, J. T., Lin, et al
2023; 8 (7): e511-e519
- **Infant BCG vaccination and risk of pulmonary and extrapulmonary tuberculosis throughout the life course: a systematic review and individual participant data meta-analysis.** *The Lancet. Global health*
Martinez, L., Cords, O., Liu, Q., Acuna-Villaorduna, C., Bonnet, M., Fox, G. J., Carvalho, A. C., Chan, P. C., Croda, J., Hill, P. C., Lopez-Varela, E., Donkor, S., Fielding, et al
2022; 10 (9): e1307-e1316
 - **The international and intercontinental spread and expansion of antimicrobial-resistant *Salmonella Typhi*: a genomic epidemiology study.** *The Lancet. Microbe*
da Silva, K. E., Tanmoy, A. M., Pragasam, A. K., Iqbal, J., Sajib, M. S., Mutreja, A., Veeraraghavan, B., Tamrakar, D., Qamar, F. N., Dougan, G., Bogoch, I., Seidman, J. C., Shakya, et al
2022
 - **Estimating typhoid incidence from community-based serosurveys: a multicohort study.** *The Lancet. Microbe*
Aiemjoy, K., Seidman, J. C., Saha, S., Munira, S. J., Islam Sajib, M. S., Sium, S. M., Sarkar, A., Alam, N., Zahan, F. N., Kabir, M. S., Tamrakar, D., Vaidya, K., Shrestha, et al
2022
 - **Incidence and prevalence of tuberculosis in incarcerated populations: a systematic review and meta-analysis.** *The Lancet. Public health*
Cords, O. n., Martinez, L. n., Warren, J. L., O'Marr, J. M., Walter, K. S., Cohen, T. n., Zheng, J. n., Ko, A. I., Croda, J. n., Andrews, J. R.
2021
 - **All-cause and cause-specific mortality during and following incarceration in Brazil: A retrospective cohort study.** *PLoS medicine*
Liu, Y. E., Lemos, E. F., Gonçalves, C. C., de Oliveira, R. D., Santos, A. d., do Prado Morais, A. O., Croda, M. G., de Lourdes Delgado Alves, M., Croda, J., Walter, K. S., Andrews, J. R.
2021; 18 (9): e1003789
 - **A Rapid Pharmacogenomic Assay to Detect NAT2 Polymorphisms and Guide Isoniazid Dosing for Tuberculosis Treatment.** *American journal of respiratory and critical care medicine*
Verma, R., Patil, S., Zhang, N., Moreira, F. M., Vitorio, M. T., Santos, A. d., Wallace, E., Gnanashanmugam, D., Persing, D., Savic, R., Croda, J., Andrews, J. R.
2021
 - **The escalating tuberculosis crisis in central and South American prisons.** *Lancet (London, England)*
Walter, K. S., Martinez, L. n., Arakaki-Sánchez, D. n., Sequera, V. G., Estigarribia Sanabria, G. n., Cohen, T. n., Ko, A. I., García-Basteiro, A. L., Rueda, Z. V., López-Olarte, R. A., Espinal, M. A., Croda, J. n., Andrews, et al
2021
 - **The risk of tuberculosis in children after close exposure: a systematic review and individual-participant meta-analysis.** *Lancet (London, England)*
Martinez, L. n., Cords, O. n., Horsburgh, C. R., Andrews, J. R.
2020; 395 (10228): 973–84
 - **Evaluating strategies for control of tuberculosis in prisons and prevention of spillover into communities: An observational and modeling study from Brazil.** *PLoS medicine*
Mabud, T. S., de Lourdes Delgado Alves, M. n., Ko, A. I., Basu, S. n., Walter, K. S., Cohen, T. n., Mathema, B. n., Colijn, C. n., Lemos, E. n., Croda, J. n., Andrews, J. R.
2019; 16 (1): e1002737
 - **Serial QuantiFERON testing and tuberculosis disease risk among young children: an observational cohort study.** *The Lancet. Respiratory medicine*
Andrews, J. R., Nemes, E., Tameris, M., Landry, B. S., Mahomed, H., McClain, J. B., Fletcher, H. A., Hanekom, W. A., Wood, R., McShane, H., Scriba, T. J., Hatherill, M.
2017
 - **Assessment of global guidelines for preventive chemotherapy against schistosomiasis and soil-transmitted helminthiasis: a cost-effectiveness modelling study** *LANCET INFECTIOUS DISEASES*
Lo, N. C., Lai, Y., Karagiannis-Voules, D., Bogoch, I. I., Coulibaly, J. T., Bendavid, E., Utzinger, J., Vounatsou, P., Andrews, J. R.
2016; 16 (9): 1065-1075
 - **Comparison of community-wide, integrated mass drug administration strategies for schistosomiasis and soil-transmitted helminthiasis: a cost-effectiveness modelling study.** *The Lancet. Global health*

- Lo, N. C., Bogoch, I. I., Blackburn, B. G., Raso, G., N'Goran, E. K., Coulibaly, J. T., Becker, S. L., Abrams, H. B., Utzinger, J., Andrews, J. R. 2015; 3 (10): e629-38
- **Risk of Progression to Active Tuberculosis Following Reinfection With *Mycobacterium tuberculosis*** *CLINICAL INFECTIOUS DISEASES*
Andrews, J. R., Noubary, F., Walensky, R. P., Cerda, R., Losina, E., Horsburgh, C. R.
2012; 54 (6): 784-791
 - **Transmission dynamics and control of cholera in Haiti: an epidemic model** *LANCET*
Andrews, J. R., Basu, S.
2011; 377 (9773): 1248-1255
 - **Exogenous reinfection as a cause of multidrug-resistant and extensively drug-resistant tuberculosis in rural South Africa.** *Journal of Infectious Diseases*
Andrews, J. R., Gandhi, N. R., Prashini, M., N. S. S., Louise, B., Moll, A. P., Pillay, M., Friedland, G., Sturm, A. W.
2008; 198 (11): 1582-9
 - **Rates and causes of death after release from incarceration among 1 471 526 people in eight high-income and middle-income countries: an individual participant data meta-analysis.** *Lancet (London, England)*
Borschmann, R., Kinner, S. A.
2024
 - **Incidence of typhoid fever in Burkina Faso, Democratic Republic of the Congo, Ethiopia, Ghana, Madagascar, and Nigeria (the Severe Typhoid in Africa programme): a population-based study.** *The Lancet. Global health*
Marks, F., Im, J., Park, S. E., Pak, G. D., Jeon, H. J., Wandji Nana, L. R., Phoba, M. F., Mbuyi-Kalonji, L., Mogeni, O. D., Yeshitela, B., Panzner, U., Cruz Espinoza, L. M., Beyene, et al
2024; 12 (4): e599-e610
 - **Cost-effectiveness and public health impact of typhoid conjugate vaccine introduction strategies in Bangladesh.** *Vaccine*
Weyant, C., Hooda, Y., Munira, S. J., Lo, N. C., Ryckman, T., Tanmoy, A. M., Kanon, N., Seidman, J. C., Garrett, D., Saha, S. K., Goldhaber-Fiebert, J. D., Saha, S., Andrews, et al
2024
 - **Global, regional, and national age-specific progress towards the 2020 milestones of the WHO End TB Strategy: a systematic analysis for the Global Burden of Disease Study 2021.** *The Lancet. Infectious diseases*
2024
 - **Tuberculosis infection and hypertension: prevalence estimates from the US National Health and Nutrition Examination Survey.** *BMJ open*
Salindri, A. D., Auld, S. C., Gujral, U. P., Urbina, E. M., Andrews, J. R., Huaman, M. A., Magee, M. J.
2024; 14 (3): e075176
 - **Estimating the subnational prevalence of antimicrobial resistant *Salmonella enterica* serovars Typhi and Paratyphi A infections in 75 endemic countries, 1990-2019: a modelling study.** *The Lancet. Global health*
2024; 12 (3): e406-e418
 - **Excess tuberculosis risk during and following incarceration in Paraguay: a retrospective cohort study.** *Lancet regional health. Americas*
Sequera, G., Estigarribia-Sanabria, G., Aguirre, S., Piñanez, C., Martinez, L., Lopez-Olarte, R., Andrews, J. R., Walter, K. S., Croda, J., Garcia-Basteiro, A. L.
2024; 31: 100668
 - **Incarceration and TB: the epidemic beyond prison walls.** *BMJ global health*
Sequera, G., Aguirre, S., Estigarribia, G., Walter, K. S., Horna-Campos, O., Liu, Y. E., Andrews, J. R., Croda, J., Garcia-Basteiro, A. L.
2024; 9 (2)
 - **Serial Mass Screening for Tuberculosis among Incarcerated Persons in Brazil.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Pivetta de Araujo, R. C., Martinez, L., da Silva Santos, A., Ferreira Lemos, E., Dias de Oliveira, R., Croda, M., Batestin Silva, D. P., Lemes, I. B., Cunha, E. A., Gonçalves, T. O., Dos Santos, P. C., da Silva, B. O., Gonçalves, et al
2024
 - **Detection of *Salmonella Typhi* bacteriophages in surface waters as a scalable approach to environmental surveillance.** *PLoS neglected tropical diseases*
Shrestha, S., Da Silva, K. E., Shakya, J., Yu, A. T., Katuwal, N., Shrestha, R., Shakya, M., Shahi, S. B., Naga, S. R., LeBoa, C., Aiemjoy, K., Bogoch, I. I., Saha, et al
2024; 18 (2): e0011912

- **Old tools, new applications: Use of environmental bacteriophages for typhoid surveillance and evaluating vaccine impact.** *PLoS neglected tropical diseases*
Hooda, Y., Islam, S., Kabiraj, R., Rahman, H., Sarkar, H., da Silva, K. E., Raju, R. S., Luby, S. P., Andrews, J. R., Saha, S. K., Saha, S.
2024; 18 (2): e0011822
- **Development of prediction models to identify hotspots of schistosomiasis in endemic regions to guide mass drug administration.** *Proceedings of the National Academy of Sciences of the United States of America*
Singer, B. J., Coulibaly, J. T., Park, H. J., Andrews, J. R., Bogoch, I. I., Lo, N. C.
2024; 121 (2): e2315463120
- **The impact of sputum quality on Xpert positivity in active case-finding for TB.** *The international journal of tuberculosis and lung disease : the official journal of the International Union against Tuberculosis and Lung Disease*
Oliveira da Silva, B., Salindri, A. D., Gonçalves, T. O., Cunha, E. A., da Silva Santos, A., Dos Santos, P. C., Lemes, I. B., Silva, D. P., da Silva Oliveira, V., Croda, J., de Oliveira, R. D., Andrews, J. R.
2024; 28 (1): 29-36
- **Effects of Mitigation and Control Policies in Realistic Epidemic Models Accounting for Household Transmission Dynamics.** *Medical decision making : an international journal of the Society for Medical Decision Making*
Alarid-Escudero, F., Andrews, J. R., Goldhaber-Fiebert, J. D.
2023: 272989X231205565
- **Genomic characterization of SARS-CoV-2 from an indigenous reserve in Mato Grosso do Sul, Brazil.** *Frontiers in public health*
de Oliveira, L. A., de Rezende, I. M., Navarini, V. J., Marchioro, S. B., Torres, A. J., Croda, J., Croda, M. G., Gonçalves, C. C., Xavier, J., de Castro, E., Lima, M., Iani, F., Adelino, et al
2023; 11: 1195779
- **Environmental sampling for typhoidal Salmonellas in household and surface waters in Nepal identifies potential transmission pathways.** *PLoS neglected tropical diseases*
LeBoa, C., Shrestha, S., Shakya, J., Naga, S. R., Shrestha, S., Shakya, M., Yu, A. T., Shrestha, R., Vaidya, K., Katuwal, N., Aiemjoy, K., Bogoch, I. I., Uzzell, et al
2023; 17 (10): e0011341
- **Prioritizing persons deprived of liberty in global guidelines for tuberculosis preventive treatment.** *PLoS medicine*
Narayan, A., Salindri, A. D., Keshavjee, S., Muyoyeta, M., Velen, K., Rueda, Z. V., Croda, J., Charalambous, S., García-Basteiro, A. L., Shenoi, S. V., Gonçalves, C. C., Ferreira da Silva, L., Possuelo, et al
2023; 20 (10): e1004288
- **Rapid emergence and transmission of virulence-associated mutations in the oral poliovirus vaccine following vaccination campaigns.** *NPJ vaccines*
Walter, K. S., Altamirano, J., Huang, C., Carrington, Y. J., Zhou, F., Andrews, J. R., Maldonado, Y.
2023; 8 (1): 137
- **Global diversity and antimicrobial resistance of typhoid fever pathogens: Insights from a meta-analysis of 13,000 *Salmonella Typhi* genomes.** *eLife*
Carey, M. E., Dyson, Z. A., Ingle, D. J., Amir, A., Aworh, M. K., Chattaway, M. A., Chew, K. L., Crump, J. A., Feasey, N. A., Howden, B. P., Keddy, K. H., Maes, M., Parry, et al
2023; 12
- **Cost effectiveness of low-complexity screening tests in community-based case-finding for tuberculosis.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Brügger, L. E., Thompson, R. R., Malhotra, A., Shrestha, S., Kendall, E. A., Andrews, J. R., Phillips, P., Nahid, P., Cattamanchi, A., Marx, F. M., Denkinger, C. M., Dowdy, D. W.
2023
- **Evidence of leaky protection following COVID-19 vaccination and SARS-CoV-2 infection in an incarcerated population.** *Nature communications*
Lind, M. L., Dorion, M., Houde, A. J., Lansing, M., Lapidus, S., Thomas, R., Yildirim, I., Omer, S. B., Schulz, W. L., Andrews, J. R., Hitchings, M. D., Kennedy, B. S., Richeson, et al
2023; 14 (1): 5055
- **Retrospective Review of Blood Culture-Confirmed Cases of Enteric Fever in Navi Mumbai, India: 2014-2018.** *The American journal of tropical medicine and hygiene*
Jayaprasad, N., Borhade, P., LeBoa, C., Date, K., Joshi, S., Shimpi, R., Andrews, J. R., Luby, S. P., Hoffman, S. A.
2023
- **Public health impact and cost-effectiveness of screening for active tuberculosis disease or infection among children in South Africa.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*

Brough, J., Martinez, L., Hatherill, M., Zar, H. J., Lo, N. C., Andrews, J. R.
2023

- **Population structure and antimicrobial resistance patterns of *Salmonella Typhi* and *Paratyphi A* amid a phased municipal vaccination campaign in Navi Mumbai, India.** *mBio*

da Silva, K. E., Date, K., Hirani, N., LeBoa, C., Jayaprasad, N., Borhade, P., Warren, J., Shimpi, R., Hoffman, S. A., Mikoleit, M., Bhatnagar, P., Cao, Y., Haldar, et al

2023; e0117923

- **Enduring injustice: infectious disease outbreaks in carceral settings.** *The Journal of infectious diseases*

Andrews, J. R., Liu, Y. E., Croda, J.

2023

- **Delay in the diagnosis and treatment of tuberculosis in prisons in Mato Grosso do Sul, Brazil.** *Revista da Sociedade Brasileira de Medicina Tropical*

Ribeiro, C. C., Santos, A. d., Tshua, D. H., Oliveira, R. D., Lemos, E. F., Bourdillon, P., Laranjeira, A., Gonçalves, C. C., Andrews, J., Ko, A., Croda, J.

2023; 56: e00152023

- **The Importance of Including Non-Household Environments in Dengue Vector Control Activities.** *Viruses*

Peña-García, V. H., Mutuku, F. M., Ndenga, B. A., Mbakaya, J. O., Ndire, S. O., Agola, G. A., Mutuku, P. S., Malumbo, S. L., Ng'ang'a, C. M., Andrews, J. R., Mordecai, E. A., LaBeaud, A. D.

2023; 15 (7)

- **Use of rapid molecular TB diagnostics for incarcerated people in Brazil.** *The international journal of tuberculosis and lung disease : the official journal of the International Union against Tuberculosis and Lung Disease*

Fajer, E. B., Costa, F. D., Pelissari, D. M., Diaz Quijano, F. A., Coelho de Brito, A., Cunha, E. A., Croda, J., Andrews, J. R., Walter, K. S.

2023; 27 (5): 416-418

- **Seroepidemiology for Enteric Fever: Emerging Approaches and Opportunities.** *Open forum infectious diseases*

Aiemjoy, K., Seidman, J. C., Charles, R. C., Andrews, J. R.

2023; 10 (Suppl 1): S21-S25

- **Burden of Typhoid and Paratyphoid Fever in India.** *The New England journal of medicine*

John, J., Bavdekar, A., Rongsen-Chandola, T., Dutta, S., Gupta, M., Kanungo, S., Sinha, B., Srinivasan, M., Shrivastava, A., Bansal, A., Singh, A., Koshy, R. M., Jinka, et al

2023; 388 (16): 1491-1500

- **Programmatic Effectiveness of a Pediatric Typhoid Conjugate Vaccine Campaign in Navi Mumbai, India.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*

Hoffman, S. A., LeBoa, C., Date, K., Haldar, P., Harvey, P., Shimpi, R., An, Q., Zhang, C., Jayaprasad, N., Horng, L., Fagerli, K., Borhade, P., Chakraborty, et al

2023

- **Scaling up evidence-based approaches to tuberculosis screening in prisons.** *The Lancet. Public health*

Charalambous, S., Velen, K., Rueda, Z., Croda, J., Herce, M. E., Shenoi, S. V., Altice, F. L., Muyoyeta, M., Telisinghe, L., Grandjean, L., Keshavjee, S., Andrews, J. R.

2023

- **Challenges in Harnessing Shared Within-Host Severe Acute Respiratory Syndrome Coronavirus 2 Variation for Transmission Inference.** *Open forum infectious diseases*

Walter, K. S., Kim, E., Verma, R., Altamirano, J., Leary, S., Carrington, Y. J., Jagannathan, P., Singh, U., Holubar, M., Subramanian, A., Khosla, C., Maldonado, Y., Andrews, et al

2023; 10 (2): ofad001

- **Spread of *Mycobacterium tuberculosis* in Southern Brazilian persons deprived of liberty: a molecular epidemiology study.** *European journal of clinical microbiology & infectious diseases : official publication of the European Society of Clinical Microbiology*

Busatto, C., Possuelo, L. G., Bierhals, D., de Oliveira, C. L., de Souza, M. Q., Fanfa, D., Barreto, É., Schwarzbold, P., Von Groll, A., Portugal, I., Perdigão, J., Croda, J., Andrews, et al

2023

- **Phylogeography and transmission of *Mycobacterium tuberculosis* spanning prisons and surrounding communities in Paraguay.** *Nature communications*

Sanabria, G. E., Sequera, G., Aguirre, S., Méndez, J., Dos Santos, P. C., Gustafson, N. W., Godoy, M., Ortiz, A., Cespedes, C., Martínez, G., García-Basteiro, A. L., Andrews, J. R., Croda, et al

2023; 14 (1): 303

- **Evaluation of chest X-ray with automated interpretation algorithms for mass tuberculosis screening in prisons: a cross-sectional study.** *Lancet regional health. Americas*
Soares, T. R., Oliveira, R. D., Liu, Y. E., Santos, A. d., Santos, P. C., Monte, L. R., Oliveira, L. M., Park, C. M., Hwang, E. J., Andrews, J. R., Croda, J. 2023; 17: 100388
- **Comparison of model predictions of typhoid conjugate vaccine public health impact and cost-effectiveness.** *Vaccine*
Burrows, H., Antillón, M., Gauld, J. S., Kim, J. H., Mogasale, V., Ryckman, T., Andrews, J. R., Lo, N. C., Pitzer, V. E. 2022
- **Paratype: a genotyping tool for *Salmonella Paratyphi A* reveals its global genomic diversity.** *Nature communications*
Tanmoy, A. M., Hooda, Y., Sajib, M. S., da Silva, K. E., Iqbal, J., Qamar, F. N., Luby, S. P., Dougan, G., Dyson, Z. A., Baker, S., Garrett, D. O., Andrews, J. R., Saha, et al 2022; 13 (1): 7912
- **Plasmodium infection is associated with cross-reactive antibodies to carbohydrate epitopes on the SARS-CoV-2 Spike protein.** *Scientific reports*
Lapidus, S., Liu, F., Casanovas-Massana, A., Dai, Y., Huck, J. D., Lucas, C., Klein, J., Filler, R. B., Strine, M. S., Sy, M., Deme, A. B., Badiane, A. S., Dieye, et al 2022; 12 (1): 22175
- **A robust host-response-based signature distinguishes bacterial and viral infections across diverse global populations.** *Cell reports. Medicine*
Rao, A. M., Popper, S. J., Gupta, S., Davong, V., Vaidya, K., Chanthongthip, A., Dittrich, S., Robinson, M. T., Vongsouvath, M., Mayxay, M., Nawtaisong, P., Karmacharya, B., Thair, et al 2022; 3 (12): 100842
- **High Sensitivity of Mobile Phone Microscopy Screening for *Schistosoma haematobium* in Azaguié, Côte d'Ivoire.** *The American journal of tropical medicine and hygiene*
Coulibaly, J. T., Silue, K. D., Armstrong, M., Díaz de León Derby, M., D'Ambrosio, M. V., Fletcher, D. A., Keiser, J., Fisher, K., Andrews, J. R., Bogoch, I. I. 2022
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