



Jason Andrews

Professor of Medicine (Infectious Diseases) and, by courtesy, of Epidemiology
Medicine - Infectious Diseases

CLINICAL OFFICE (PRIMARY)

- **Infectious Diseases**

300 Pasteur Dr Rm S101D

MC 5107

Stanford, CA 94305

Tel (650) 497-2679 **Fax** (650) 498-9876

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
- Professor (By courtesy), Epidemiology and Population Health
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)
- Affiliate, Stanford Woods Institute for the Environment

HONORS AND AWARDS

- Elected Member, American Society of Clinical Investigation (2025)
- Elected Member, American Epidemiological Society (2021)
- 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

- Point-of-care Pharmacogenomic Testing to Optimize Isoniazid Dosing for Tuberculosis Prevention, Recruiting
- 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, Not 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, Not 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
- Detection of asymptomatic Salmonella enterica serotype Typhi and Paratyphi A carriage by serum antibodies targeting YncE - Massachusetts General Hospital, Stanford University, Dhulikhel Hospital
- Novel tools for measuring typhoid vaccine impact - Stanford University; Christian Medical College, Vellore
- Point-of-care pharmacogenomic testing to optimize isoniazid dosing for tuberculosis prevention - Stanford University; Fiotec

Teaching

COURSES

2024-25

- Epidemiology of Infectious Diseases: EPI 231 (Win)

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)

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Daniela Lozano Amado, Victor Pena Garcia

Master's Program Advisor

Nivetha Subramanian, Sophia Wang

Postdoctoral Research Mentor

Onja Davidson Raelison, Tigist Menkir

Publications

PUBLICATIONS

- **Mass incarceration as a driver of the tuberculosis epidemic in Latin America and projected effects of policy alternatives: a mathematical modelling study.** *The Lancet. Public health*
Liu, Y. E., Mabene, Y., Camelo, S., Rueda, Z. V., Pelissari, D. M., Dockhorn Costa Johansen, F., Huaman, M. A., Avalos-Cruz, T., Alarcón, V. A., Ladutke, L. M., Bergman, M., Cohen, T., Goldhaber-Fiebert, et al
2024
- **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-Sanchez, D. n., Sequera, V. G., Estigarribia Sanabria, G. n., Cohen, T. n., Ko, A. I., Garcia-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
- **Geographic origin and evolution of dengue virus serotypes 1 and 3 circulating in Africa.** *Virus evolution*
Nyathi, S., Rezende, I. M., Walter, K. S., Thongsripong, P., Mutuku, F., Ndenga, B., Mbakaya, J. O., Agola, G., Vu, D. M., Bennett, S., Mordecai, E. A., Andrews, J. R., LaBeaud, et al
2025; 11 (1): veae116
- **Endemic transmission of a Mycobacterium tuberculosis L2.2.M3 sublineage of the L2 lineage within Colon, Panama: A prospective study.** *Infection, genetics and evolution : journal of molecular epidemiology and evolutionary genetics in infectious diseases*
Acosta, F., Candanedo, D., Patel, P., Llanes, A., Ku, J. E., Salazar, K., Morán, M., Sambrano, D., Jurado, J., Martínez, I., Garibaldi, L., Delgado, M., Solís, et al
2025: 105749
- **Distribution and transmission of M. tuberculosis in a high-HIV prevalence city in Malawi: A genomic and spatial analysis.** *PLOS global public health*
Chitwood, M. H., Corbett, E. L., Ndhlovu, V., Sobkowiak, B., Colijn, C., Andrews, J. R., Burke, R. M., Cudahy, P. G., Dodd, P. J., Imai-Eaton, J. W., Engelthaler, D. M., Folkerts, M., Feasey, et al
2025; 5 (4): e0004040
- **Changes in enteric fever trends during the COVID-19 pandemic from the Surveillance for Enteric Fever in Asia Project: a cross-sectional study.** *The Lancet regional health. Southeast Asia*
Munira, S. J., Naga, S. R., Dehraj, I. F., Doyle, K., Kanon, N., Yousafzai, M. T., Tamrakar, D., Ali, A. P., Jui, A. B., Carter, A. S., Chandra Das, D., Dawani, S., Iqbal, et al
2025; 35: 100562
- **Non-household environments make a major contribution to dengue transmission: implications for vector control.** *Royal Society open science*
Peña-García, V. H., LaBeaud, A. D., Ndenga, B. A., Mutuku, F. M., Bisanzio, D., Andrews, J. R., Mordecai, E. A.
2025; 12 (4): 241919
- **Effects of household concrete floors on maternal and child health: the CRADLE trial - a randomised controlled trial protocol.** *BMJ open*
Rahman, M., Jahan, F., Hanif, S., Yeamin, A., Shoab, A. K., Andrews, J. R., Lu, Y., Billington, S., Pilotte, N., Shanta, I. S., Jubair, M., Rahman, M., Kabir, et al
2025; 15 (3): e090703
- **National Active Case-Finding Program for Tuberculosis in Prisons, Peru, 2024.** *Emerging infectious diseases*
Jung, E., Alarcón, V. A., Solís Tupes, W. S., Avalos-Cruz, T., Tovar, M., Abregu, E., Yang, M. Z., Andrews, J. R., Huaman, M. A.
2025; 31 (3): 564-568
- **Sputum pooling for rapid and cost-effective active case-finding for TB in prisons.** *The international journal of tuberculosis and lung disease : the official journal of the International Union against Tuberculosis and Lung Disease*

- Batestin, D., Busatto, C., Salindri, A. D., da Silva Santos, A., Lemes, I. B., Pereira Dos Santos, P. C., Lemos, E. F., Gonçalves, T. O., Cunha, E. A., de Oliveira, R. D., Andrews, J. R., Croda, J.
2025; 29 (2): 88-89
- **Evaluation of a point-of-care immunochromatographic assay for enteric fever in Dhaka, Bangladesh: a prospective diagnostic accuracy study.** *The Lancet. Microbe*
Munira, S. J., Islam, N., Prithe, N. T., Sarkar, A., Esfandiari, J., Gunasekera, D., Islam, S., Akter, T., Garrett, D. O., Saha, S. K., Andrews, J. R., Saha, S., Charles, et al
2024: 100983
 - **Implementing Oral Antibiotics for Bone and Joint Infections: Lessons Learned and Opportunities for Improvement.** *Open forum infectious diseases*
Hawkins, M. R., Thottacherry, E., Juthani, P., Aronson, J., Chang, A., Amanatullah, D. F., Markovits, J., Shen, S., Holubar, M., Andrews, J. R., Parsonnet, J., Furukawa, D.
2024; 11 (12): ofae683
 - **Signatures of transmission in within-host Mycobacterium tuberculosis complex variation: a retrospective genomic epidemiology study.** *The Lancet. Microbe*
Walter, K. S., Cohen, T., Mathema, B., Colijn, C., Sobkowiak, B., Comas, I., Goig, G. A., Croda, J., Andrews, J. R.
2024: 100936
 - **Elucidating the role of internal migration in the spread of M. tuberculosis.** *Clinical microbiology and infection : the official publication of the European Society of Clinical Microbiology and Infectious Diseases*
Da Silva, K. E., Andrews, J. R.
2024
 - **Evaluation of a point-of-care multiplex immunochromatographic assay for the diagnosis of typhoid: results from a retrospective diagnostic accuracy study.** *Journal of clinical microbiology*
Hasan, R., Azizullah, Z., Shams, H., Dittrich, S., Andrews, J. R., Charles, R. C., Esfandiari, J., Gunasekera, D., Tetteh, K. K., Sapkota, J.
2024: e0042824
 - **Global burden of bacterial antimicrobial resistance 1990-2021: a systematic analysis with forecasts to 2050.** *Lancet (London, England)*
2024
 - **Molecular epidemiology and evolutionary characteristics of dengue virus 2 in East Africa.** *Nature communications*
Nyathi, S., Rezende, I. M., Walter, K. S., Thongsripong, P., Mutuku, F., Ndenga, B., Mbakaya, J. O., Aswani, P., Musunzaji, P. S., Chebii, P. K., Maina, P. W., Mutuku, P. S., Ng'ang'a, et al
2024; 15 (1): 7832
 - **Factors Influencing Vaccine Receipt During a 2018 Pediatric Typhoid Conjugate Vaccine Campaign in Navi Mumbai, India.** *The American journal of tropical medicine and hygiene*
Borhade, P., LeBoa, C., Jayaprasad, N., Date, K., Haldar, P., Harvey, P., Shimpi, R., An, Q., Zhang, C., Horng, L., Fagerli, K., Yewale, V. N., Daruwalla, et al
2024
 - **Cost-effectiveness and health impact of screening and treatment of Mycobacterium tuberculosis infection among formerly incarcerated individuals in Brazil: a Markov modelling study.** *The Lancet. Global health*
van Lieshout Titan, A., Klaassen, F., Pelissari, D. M., de Barros Silva, J. N., Alves, K., Alves, L. C., Sanchez, M., Bartholomay, P., Johansen, F. D., Croda, J., Andrews, J. R., Castro, M. C., Cohen, et al
2024; 12 (9): e1446-e1455
 - **Severity-dependent test-seeking behaviors and test-negative designs: impact on estimated vaccine effectiveness and utility of analytic and design choices.** *American journal of epidemiology*
Amin, A. B., Hitchings, M. D., Ranzani, O. T., Andrews, J. R., Cummings, D. A., Ko, A. I., Croda, J., Dean, N. E.
2024
 - **Field Effectiveness of a Typhoid Conjugate Vaccine: The 2018 Navi Mumbai Pediatric TCV Campaign.** *The American journal of tropical medicine and hygiene*
Date, K., LeBoa, C., Hoffman, S. A., Haldar, P., Harvey, P., An, Q., Zhang, C., Yewale, V. N., Daruwalla, S., Dharmapalan, D., Gavhane, J., Joshi, S., Rai, et al
2024

- **Hepatitis E virus in the Kathmandu Valley: Insights from a representative longitudinal serosurvey.** *PLoS neglected tropical diseases*
Katuwal, N., Thapa, M., Shrestha, S., Vaidya, K., Bogoch, I. I., Shrestha, R., Andrews, J. R., Tamrakar, D., Aiemjoy, K.
2024; 18 (8): e0012375
- **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
- **Recasting resistance to Mycobacterium tuberculosis.** *Nature immunology*
Andrews, J. R.
2024
- **The impact of COVID-19 national lockdowns on drug-resistant tuberculosis in KwaZulu-Natal, South Africa: a spatial analysis.** *Annals of epidemiology*
Harrington, K. R., Gandhi, N. R., Shah, N. S., Naidoo, K., Auld, S. C., Andrews, J. R., Brust, J. C., Lutchminarain, K., Coe, M., Willis, F., Campbell, A., Cohen, T., Jenness, et al
2024
- **Likelihood of COVID-19 Outbreaks in US Immigration and Customs Enforcement (ICE) Detention Centers, 2020–2021.** *American journal of public health*
Woods, E. C., Andrews, J. R., Goldhaber-Fiebert, J. D.
2024: e1-e4
- **Estimating the Seroincidence of Scrub Typhus using Antibody Dynamics after Infection.** *The American journal of tropical medicine and hygiene*
Aiemjoy, K., Katuwal, N., Vaidya, K., Shrestha, S., Thapa, M., Teunis, P., Bogoch, I. I., Trowbridge, P., Blacksell, S. D., Paris, D. H., Wangrangsimakul, T., Varghese, G. M., Maude, et al
2024
- **Rapid and Comprehensive Screening for Urogenital and Gastrointestinal Schistosomiasis with Handheld Digital Microscopy Combined with Circulating Cathodic Antigen Testing.** *The American journal of tropical medicine and hygiene*
Coulibaly, J. T., Silue, K. D., de León Derby, M. D., Fletcher, D. A., Fisher, K. N., Andrews, J. R., Bogoch, I. I.
2024
- **Effectiveness of the fourth dose of COVID-19 vaccines against severe COVID-19 among adults 40 years or older in Brazil: a population-based cohort study.** *Lancet regional health. Americas*
Lazar Neto, F., Hitchings, M. D., Amin, A. B., de França, G. V., Lind, M. L., Scaramuzzini Torres, M. S., Tsuha, D. H., de Oliveira, R. D., Cummings, D. A., Dean, N. E., Andrews, J. R., Ko, A. I., Croda, et al
2024; 34: 100755
- **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., Sheno, 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*
Brümmer, 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
 - **Association between primary or booster COVID-19 mRNA vaccination and Omicron lineage BA.1 SARS-CoV-2 infection in people with a prior SARS-CoV-2 infection: A test-negative case-control analysis.** *PLoS medicine*
Lind, M. L., Robertson, A. J., Silva, J., Warner, F., Coppi, A. C., Price, N., Duckwall, C., Sosensky, P., Di Giuseppe, E. C., Borg, R., Fofana, M. O., Ranzani, O. T., Dean, et al
2022; 19 (12): e1004136
 - **Comparative Analysis of Commercially Available Typhoid Point-of-Care Tests: Results of a Prospective and Hybrid Retrospective Multicenter Diagnostic Accuracy Study in Kenya and Pakistan.** *Journal of clinical microbiology*
Sapkota, J., Hasan, R., Onsare, R., Arafah, S., Kariuki, S., Shakoor, S., Qamar, F., Mundalo, S., Njeru, F., Too, R., Ndegwa, E., Andrews, J. R., Dittrich, et al
2022: e0100022
 - **Seroincidence of Enteric Fever, Juba, South Sudan.** *Emerging infectious diseases*
Aiemjoy, K., Rumunu, J., Hassen, J. J., Wiens, K. E., Garrett, D., Kamenskaya, P., Harris, J. B., Azman, A. S., Teunis, P., Seidman, J. C., Wamala, J. F., Andrews, J. R., Charles, et al
2022; 28 (11)
 - **Gauging the skin resident Leishmania parasites through a loop mediated isothermal amplification (LAMP) assay in post-kala-azar dermal leishmaniasis.** *Scientific reports*
Ghosh, P., Chowdhury, R., Maruf, S., Picado, A., Hossain, F., Owen, S. I., Nath, R., Baker, J., Hasnain, M. G., Shomik, M. S., Ghosh, D., Rashid, M., Rashid, et al
2022; 12 (1): 18069
 - **Protection against Omicron from Vaccination and Previous Infection in a Prison System.** *The New England journal of medicine*
Chin, E. T., Leidner, D., Lamson, L., Lucas, K., Studdert, D. M., Goldhaber-Fiebert, J. D., Andrews, J. R., Salomon, J. A.
2022
 - **Tuberculosis in prison inmates in Southern Brazil: investigating the epidemiological and operational indicators.** *Revista da Sociedade Brasileira de Medicina Tropical*
Busatto, C., Mespague, J., Schwarzbald, P., Souza, C. D., Jarczewski, C. A., Meucci, R. D., Andrews, J., Croda, J., Silva, P. E., Ramis, I. B., Possuelo, L. G.
2022; 55: e00522022
 - **Early immune markers of clinical, virological, and immunological outcomes in patients with COVID-19: a multi-omics study.** *eLife*
Hu, Z., van der Ploeg, K., Chakraborty, S., Arunachalam, P. S., Mori, D. A., Jacobson, K. B., Bonilla, H., Parsonnet, J., Andrews, J. R., Holubar, M., Subramanian, A., Khosla, C., Maldonado, et al
2022; 11
 - **Effectiveness of an inactivated Covid-19 vaccine with homologous and heterologous boosters against Omicron in Brazil.** *Nature communications*
Ranzani, O. T., Hitchings, M. D., de Melo, R. L., de França, G. V., Fernandes, C. d., Lind, M. L., Torres, M. S., Tsuha, D. H., David, L. C., Said, R. F., Almiron, M., de Oliveira, R. D., Cummings, et al
2022; 13 (1): 5536
 - **SARS-CoV-2 infection drives an inflammatory response in human adipose tissue through infection of adipocytes and macrophages.** *Science translational medicine*
Martínez-Colón, G. J., Ratnasiri, K., Chen, H., Jiang, S., Zanley, E., Rustagi, A., Verma, R., Chen, H., Andrews, J. R., Mertz, K. D., Tzankov, A., Azagury, D., Boyd, et al
2022: eabm9151
 - **Virologic Efficacy of Casirivimab and Imdevimab COVID-19 Antibody Combination in Outpatients With SARS-CoV-2 Infection: A Phase 2 Dose-Ranging Randomized Clinical Trial.** *JAMA network open*

- Portal-Celhay, C., Forleo-Neto, E., Eagan, W., Musser, B. J., Davis, J. D., Turner, K. C., Norton, T., Hooper, A. T., Hamilton, J. D., Pan, C., Mahmood, A., Baum, A., Kyratsous, et al
2022; 5 (8): e2225411
- **Dynamics of Respiratory Infectious Diseases in Incarcerated and Free-Living Populations: A Simulation Modeling Study.** *Medical decision making : an international journal of the Society for Medical Decision Making*
Weyant, C., Lee, S., Andrews, J. R., Alarid-Escudero, F., Goldhaber-Fiebert, J. D.
2022: 272989X221115364
 - **Environmental air sampling for detection and quantification of Mycobacterium tuberculosis in clinical settings: Proof of concept.** *Infection control and hospital epidemiology*
Middelkoop, K., Koch, A. S., Hoosen, Z., Bryden, W., Call, C., Seldon, R., Warner, D. F., Wood, R., Andrews, J. R.
2022: 1-6
 - **Incidence of typhoid and paratyphoid fever in Bangladesh, Nepal, and Pakistan: results of the Surveillance for Enteric Fever in Asia Project.** *The Lancet. Global health*
Garrett, D. O., Longley, A. T., Aiemjoy, K., Yousafzai, M. T., Hemlock, C., Yu, A. T., Vaidya, K., Tamrakar, D., Saha, S., Bogoch, I. I., Date, K., Saha, S., Islam, et al
2022; 10 (7): e978-e988
 - **Detection of M. tuberculosis in the environment as a tool for identifying high-risk locations for tuberculosis transmission.** *The Science of the total environment*
Verma, R., Moreira, F. M., do Prado Morais, A. O., Walter, K. S., Dos Santos, P. C., Kim, E., Soares, T. R., de Araujo, R. C., da Silva, B. O., da Silva Santos, A., Croda, J., Andrews, J. R.
2022: 156970
 - **COVID-19 Preventive Measures in Northern California Jails: Perceived Deficiencies, Barriers, and Unintended Harms.** *Frontiers in public health*
Liu, Y. E., LeBoa, C., Rodriguez, M., Sherif, B., Trinidad, C., Del Rosario, M., Allen, S., Clifford, C., Redding, J., Chen, W. T., Rosas, L. G., Morales, C., Chyorny, et al
2022; 10: 854343
 - **Change in covid-19 risk over time following vaccination with CoronaVac: test negative case-control study.** *BMJ (Clinical research ed.)*
Hitchings, M. D., Ranzani, O. T., Lind, M. L., Dorion, M., D'Agostini, T. L., de Paula, R. C., de Paula, O. F., de Moura Villela, E. F., Scaramuzzini Torres, M. S., de Oliveira, S. B., Schulz, W., Almiron, M., Said, et al
2022; 377: e070102
 - **Protection against Omicron conferred by mRNA primary vaccine series, boosters, and prior infection.** *medRxiv : the preprint server for health sciences*
Chin, E. T., Leidner, D., Lamson, L., Lucas, K., Studdert, D. M., Goldhaber-Fiebert, J. D., Andrews, J. R., Salomon, J. A.
2022
 - **TNF-alpha+ CD4+ Tcells dominate the SARS-CoV-2 specific T cell response in COVID-19 outpatients and are associated with durable antibodies.** *Cell reports. Medicine*
van der Ploeg, K., Kiro Singh, A. S., Mori, D. A., Chakraborty, S., Hu, Z., Sievers, B. L., Jacobson, K. B., Bonilla, H., Parsonnet, J., Andrews, J. R., Press, K. D., Ty, M. C., Ruiz-Betancourt, et al
2022: 100640
 - **The role of prisons in disseminating tuberculosis in Brazil: A genomic epidemiology study.** *Lancet Regional Health. Americas*
Walter, K. S., Dos Santos, P. C., Gonçalves, T. O., da Silva, B. O., da Silva Santos, A., de Cássia Leite, A., da Silva, A. M., Figueira Moreira, F. M., de Oliveira, R. D., Lemos, E. F., Cunha, E., Liu, Y. E., Ko, et al
2022; 9
 - **Favipiravir for treatment of outpatients with asymptomatic or uncomplicated COVID-19: a double-blind randomized, placebo-controlled, phase 2 trial.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Holubar, M., Subramanian, A., Purington, N., Hedlin, H., Bunning, B., Walter, K. S., Bonilla, H., Boumis, A., Chen, M., Clinton, K., Dewhurst, L., Epstein, C., Jagannathan, et al
2022
 - **Assessing impact of ventilation on airborne transmission of SARS-CoV-2: a cross-sectional analysis of naturally ventilated healthcare settings in Bangladesh.** *BMJ open*
Styczynski, A., Hemlock, C., Hoque, K. I., Verma, R., LeBoa, C., Bhuiyan, M. O., Nag, A., Harun, M. G., Amin, M. B., Andrews, J. R.

2022; 12 (4): e055206

- **The 2021 WHO catalogue of Mycobacterium tuberculosis complex mutations associated with drug resistance: A genotypic analysis.** *The Lancet. Microbe*
Walker, T. M., Miotto, P., Köser, C. U., Fowler, P. W., Knaggs, J., Iqbal, Z., Hunt, M., Chindelevitch, L., Farhat, M., Cirillo, D. M., Comas, I., Posey, J., Omar, et al
2022; 3 (4): e265-e273
- **Use of recently vaccinated individuals to detect bias in test-negative case-control studies of COVID-19 vaccine effectiveness.** *Epidemiology (Cambridge, Mass.)*
Hitchings, M. D., Lewnard, J. A., Dean, N. E., Ko, A. I., Ranzani, O. T., Andrews, J. R., Cummings, D. A.
2022
- **Effectiveness of CoronaVac, ChAdOx1 nCoV-19, BNT162b2, and Ad26.COV2.S among individuals with previous SARS-CoV-2 infection in Brazil: a test-negative, case-control study.** *The Lancet. Infectious diseases*
Cerqueira-Silva, T., Andrews, J. R., Boaventura, V. S., Ranzani, O. T., de Araújo Oliveira, V., Paixão, E. S., Júnior, J. B., Machado, T. M., Hitchings, M. D., Dorion, M., Lind, M. L., Penna, G. O., Cummings, et al
2022
- **Point-of-Care Sample Preparation and Automated Quantitative Detection of Schistosoma haematobium Using Mobile Phone Microscopy.** *The American journal of tropical medicine and hygiene*
Armstrong, M., Harris, A. R., D'Ambrosio, M. V., Coulibaly, J. T., Essien-Baidoo, S., Ephraim, R. K., Andrews, J. R., Bogoch, I. I., Fletcher, D. A.
2022
- **The effect of incarceration on TB treatment outcomes.** *The international journal of tuberculosis and lung disease : the official journal of the International Union against Tuberculosis and Lung Disease*
O Marr, J. M., Gonçalves, C., Arakaki-Sanchez, D., Pelissari, D. M., Costa, F. D., Croda, J., Walter, K. S., Andrews, J. R.
2022; 26 (3): 252-258
- **Effect of Subcutaneous Casirivimab and Imdevimab Antibody Combination vs Placebo on Development of Symptomatic COVID-19 in Early Asymptomatic SARS-CoV-2 Infection: A Randomized Clinical Trial.** *JAMA*
O'Brien, M. P., Forleo-Neto, E., Sarkar, N., Isa, F., Hou, P., Chan, K. C., Musser, B. J., Bar, K. J., Barnabas, R. V., Barouch, D. H., Cohen, M. S., Hurt, C. B., Burwen, et al
2022
- **Variation in Severe Acute Respiratory Syndrome Coronavirus 2 Bioaerosol Production in Exhaled Breath.** *Open forum infectious diseases*
Verma, R., Kim, E., Degner, N., Walter, K. S., Singh, U., Andrews, J. R.
2022; 9 (1): ofab600
- **Uptake of COVID-19 Vaccination Among Frontline Workers in California State Prisons** *JAMA Health Forum*
Prince, L., Long, E., Studdert, D. M., Leidner, D., Chin, E. T., Andrews, J. R., Salomon, J. A., Goldhaber-Fiebert, J. D.
2022; 3 (3): e220099
- **Factors associated with COVID-19 vaccine acceptance and hesitancy among residents of Northern California jails.** *Preventive medicine reports*
Liu, Y. E., Oto, J., Will, J., LeBoa, C., Doyle, A., Rens, N., Aggarwal, S., Kalish, I., Rodriguez, M., Sherif, B., Trinidad, C., Del Rosario, M., Allen, et al
2022; 27: 101771
- **Effectiveness of COVID-19 vaccines among incarcerated people in California state prisons: retrospective cohort study.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Chin, E. T., Leidner, D., Zhang, Y., Long, E., Prince, L., Schrag, S. J., Verani, J. R., Wiegand, R. E., Alarid-Escudero, F., Goldhaber-Fiebert, J. D., Studdert, D. M., Andrews, J. R., Salomon, et al
2022
- **Long Term Accuracy of SARS-CoV-2 Interferon-γ 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
- **Global burden of bacterial antimicrobial resistance in 2019: a systematic analysis.** *Lancet (London, England)*
2022

- **REGEN-COV Antibody Combination and Outcomes in Outpatients with Covid-19.** *The New England journal of medicine*
Weinreich, D. M., Sivapalasingam, S., Norton, T., Ali, S., Gao, H., Bhore, R., Xiao, J., Hooper, A. T., Hamilton, J. D., Musser, B. J., Rofail, D., Hussein, M., Im, et al
2021; 385 (23): e81
- **Comparison of Strategies for Typhoid Conjugate Vaccine Introduction in India: A Cost-Effectiveness Modeling Study.** *The Journal of infectious diseases*
Ryckman, T., Karthikeyan, A. S., Kumar, D., Cao, Y., Kang, G., Goldhaber-Fiebert, J. D., John, J., Lo, N. C., Andrews, J. R.
2021; 224 (Supplement_5): S612-S624
- **Case-Fatality Ratio of Enteric Fever: Estimates From Multitiered Surveillance in India.** *The Journal of infectious diseases*
Samuel, P., Njarekkattuvalappil, S. K., Kumar, D., Raju, R., Andrews, J. R., Kang, G., John, J.
2021; 224 (Supplement_5): S517-S521
- **Geographic Pattern of Typhoid Fever in India: A Model-Based Estimate of Cohort and Surveillance Data.** *The Journal of infectious diseases*
Cao, Y., Karthikeyan, A. S., Ramanujam, K., Raju, R., Krishna, S., Kumar, D., Ryckman, T., Mohan, V. R., Kang, G., John, J., Andrews, J. R., Lo, N. C.
2021; 224 (Supplement_5): S475-S483
- **Subcutaneous REGEN-COV Antibody Combination to Prevent Covid-19.** *The New England journal of medicine*
O'Brien, M. P., Forleo-Neto, E., Musser, B. J., Isa, F., Chan, K. C., Sarkar, N., Bar, K. J., Barnabas, R. V., Barouch, D. H., Cohen, M. S., Hurt, C. B., Burwen, D. R., Marovich, et al
2021; 385 (13): 1184-1195
- **SARS-CoV-2 Subgenomic RNA Kinetics in Longitudinal Clinical Samples.** *Open forum infectious diseases*
Verma, R., Kim, E., Martínez-Colón, G. J., Jagannathan, P., Rustagi, A., Parsonnet, J., Bonilla, H., Khosla, C., Holubar, M., Subramanian, A., Singh, U., Maldonado, Y., Blish, et al
2021; 8 (7): ofab310
- **Blood-based host biomarker diagnostics in active case finding for pulmonary tuberculosis: A diagnostic case-control study.** *EClinicalMedicine*
Moreira, F. M., Verma, R., Pereira Dos Santos, P. C., Leite, A., da Silva Santos, A., de Araujo, R. C., da Silva, B. O., de Sá Queiroz, J. H., Persing, D. H., Södersten, E., Gnanashanmugam, D., Khatri, P., Croda, et al
2021; 33: 100776
- **Tracking the Emergence of Azithromycin Resistance in Multiple Genotypes of Typhoidal Salmonella.** *mBio*
Sajib, M. S., Tanmoy, A. M., Hooda, Y. n., Rahman, H. n., Andrews, J. R., Garrett, D. O., Endtz, H. P., Saha, S. K., Saha, S. n.
2021; 12 (1)
- **Inflammatory but not respiratory symptoms are associated with ongoing upper airway viral shedding in outpatients with uncomplicated COVID-19.** *Diagnostic microbiology and infectious disease*
Jacobson, K. B., Purington, N., Parsonnet, J., Andrews, J., Balasubramanian, V., Bonilla, H., Edwards, K., Desai, M., Singh, U., Hedlin, H., Jagannathan, P.
2021; 102 (3): 115612
- **Molecular Detection of Airborne Mycobacterium tuberculosis in South African High Schools.** *American journal of respiratory and critical care medicine*
Bunyasi, E. W., Middelkoop, K., Koch, A., Hoosen, Z., Mulenga, H., Luabeya, A. K., Shenje, J., Mendelsohn, S. C., Tameris, M., Scriba, T. J., Warner, D. F., Wood, R., Andrews, et al
2021
- **Pooling Sputum Samples for Efficient Mass Tuberculosis Screening in Prisons.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Dos Santos, P. C., da Silva Santos, A., de Oliveira, R. D., da Silva, B. O., Soares, T. R., Martinez, L., Andrews, J. R., Croda, J.
2021
- **Effectiveness of ChAdOx1 vaccine in older adults during SARS-CoV-2 Gamma variant circulation in São Paulo.** *Nature communications*
Hitchings, M. D., Ranzani, O. T., Dorion, M., D'Agostini, T. L., de Paula, R. C., de Paula, O. F., de Moura Villela, E. F., Torres, M. S., de Oliveira, S. B., Schulz, W., Almiron, M., Said, R., de Oliveira, et al
2021; 12 (1): 6220

- **Effectiveness of the mRNA-1273 Vaccine during a SARS-CoV-2 Delta Outbreak in a Prison.** *The New England journal of medicine*
Chin, E. T., Leidner, D., Zhang, Y., Long, E., Prince, L., Li, Y., Andrews, J. R., Studdert, D. M., Goldhaber-Fiebert, J. D., Salomon, J. A.
2021
- **Dependence of COVID-19 Policies on End-of-Year Holiday Contacts in Mexico City Metropolitan Area: A Modeling Study.** *MDM policy & practice*
Alarid-Escudero, F., Gracia, V., Luviano, A., Roa, J., Peralta, Y., Reitsma, M. B., Claypool, A. L., Salomon, J. A., Studdert, D. M., Andrews, J. R., Goldhaber-Fiebert, J. D.
2021; 6 (2): 23814683211049249
- **Mycobacterium tuberculosis-Specific T Cell Functional, Memory, and Activation Profiles in QuantiFERON-Reverters Are Consistent With Controlled Infection.** *Frontiers in immunology*
Mpande, C. A., Steigler, P., Lloyd, T., Rozot, V., Mosito, B., Schreuder, C., Reid, T. D., Bilek, N., Ruhwald, M., Andrews, J. R., Hatherill, M., Little, F., Scriba, et al
2021; 12: 712480
- **Effectiveness of the CoronaVac vaccine in older adults during a gamma variant associated epidemic of covid-19 in Brazil: test negative case-control study.** *BMJ (Clinical research ed.)*
Ranzani, O. T., Hitchings, M. D., Dorion, M., D'Agostini, T. L., de Paula, R. C., de Paula, O. F., Villela, E. d., Torres, M. S., de Oliveira, S. B., Schulz, W., Almiron, M., Said, R., de Oliveira, et al
2021; 374: n2015
- **Effectiveness of CoronaVac among healthcare workers in the setting of high SARS-CoV-2 Gamma variant transmission in Manaus, Brazil: A test-negative case-control study.** *Lancet Regional Health. Americas*
Hitchings, M. D., Ranzani, O. T., Torres, M. S., de Oliveira, S. B., Almiron, M., Said, R., Borg, R., Schulz, W. L., de Oliveira, R. D., da Silva, P. V., de Castro, D. B., Sampaio, V. d., de Albuquerque, et al
2021: 100025
- **Outbreaks of COVID-19 variants in US prisons: a mathematical modelling analysis of vaccination and reopening policies.** *The Lancet. Public health*
Ryckman, T., Chin, E. T., Prince, L., Leidner, D., Long, E., Studdert, D. M., Salomon, J. A., Alarid-Escudero, F., Andrews, J. R., Goldhaber-Fiebert, J. D.
2021
- **COVID-19 in the California State Prison System: an Observational Study of Decarceration, Ongoing Risks, and Risk Factors.** *Journal of general internal medicine*
Chin, E. T., Ryckman, T., Prince, L., Leidner, D., Alarid-Escudero, F., Andrews, J. R., Salomon, J. A., Studdert, D. M., Goldhaber-Fiebert, J. D.
2021
- **Covid-19 Vaccine Acceptance in California State Prisons.** *The New England journal of medicine*
Chin, E. T., Leidner, D. n., Ryckman, T. n., Liu, Y. E., Prince, L. n., Alarid-Escudero, F. n., Andrews, J. R., Salomon, J. A., Goldhaber-Fiebert, J. D., Studdert, D. M.
2021
- **Blood-based host biomarker diagnostics in active case finding for pulmonary tuberculosis: EClinicalMedicine, published by The Lancet**
Martinez, F., Verma, R., Cesar, P., Leite, A., Santos, ., Rafaele, Bruna, Persing, D., Södersten, E., Gnanashanmugam, D., Khatri, P., Croda, J., Andrews, J., et al
2021
- **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
- **Covid-19 in the California State Prison System: An Observational Study of Decarceration, Ongoing Risks, and Risk Factors.** *medRxiv : the preprint server for health sciences*
Chin, E. T., Ryckman, T. n., Prince, L. n., Leidner, D. n., Alarid-Escudero, F. n., Andrews, J. R., Salomon, J. A., Studdert, D. M., Goldhaber-Fiebert, J. D.
2021

- **Local and Travel-Associated Transmission of Tuberculosis at Central Western Border of Brazil, 2014-2017.** *Emerging infectious diseases*
Walter, K. S., Tatara, M. B., Esther da Silva, K. n., Moreira, F. M., Dos Santos, P. C., de Melo Ferrari, D. D., Cunha, E. A., Andrews, J. R., Croda, J. n.
2021; 27 (3): 905–14
- **Proinflammatory IgG Fc structures in patients with severe COVID-19.** *Nature immunology*
Chakraborty, S., Gonzalez, J., Edwards, K., Mallajosyula, 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
- **Gold-standard cholera diagnostics are tarnished by lytic bacteriophage and antibiotics.** *Journal of clinical microbiology*
Nelson, E. J., Grembi, J. A., Chao, D. L., Andrews, J. R., Alexandrova, L., Rodriguez, P. H., Ramachandran, V. V., Sayeed, M. A., Wamala, J. F.,
Debes, A. K., Sack, D. A., Hryckowian, A. J., Haque, et al
2020
- **Cost-Effectiveness of a Pharmacogenomic Test for Stratified Isoniazid Dosing in Treatment of Active Tuberculosis.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Rens, N. E., Uyl-de Groot, C. A., Goldhaber-Fiebert, J. D., Croda, J. n., Andrews, J. R.
2020
- **Increased incarceration rates drive growing tuberculosis burden in prisons and jeopardize overall tuberculosis control in Paraguay.** *Scientific reports*
Sequera, V. G., Aguirre, S. n., Estigarribia, G. n., Cellamare, M. n., Croda, J. n., Andrews, J. R., Martinez, L. n., García-Basteiro, A. L.
2020; 10 (1): 21247
- **Burden of Ileal Perforations Among Surgical Patients Admitted in Tertiary Care Hospitals of Three Asian countries: Surveillance of Enteric Fever in Asia Project (SEAP), September 2016-September 2019.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Qazi, S. H., Yousafzai, M. T., Saddal, N. S., Dehraj, I. F., Thobani, R. S., Akhtar, A. n., Syed, J. R., Kazi, A. M., Hotwani, A. n., Rahman, N. n.,
Mehmood, J. n., Andrews, J. R., Luby, et al
2020; 71 (Supplement_3): S232–S238
- **Illness Severity and Outcomes Among Enteric Fever Cases From Bangladesh, Nepal, and Pakistan: Data From the Surveillance for Enteric Fever in Asia Project, 2016-2019.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Longley, A. T., Hemlock, C. n., Date, K. n., Luby, S. P., Andrews, J. R., Saha, S. K., Bogoch, I. I., Yousafzai, M. T., Garrett, D. O., Qamar, F. N.
2020; 71 (Supplement_3): S222–S231
- **Burden of Culture Confirmed Enteric Fever Cases in Karachi, Pakistan: Surveillance For Enteric Fever in Asia Project (SEAP), 2016-2019.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Yousafzai, M. T., Irfan, S. n., Thobani, R. S., Kazi, A. M., Hotwani, A. n., Memon, A. M., Iqbal, K. n., Qazi, S. H., Saddal, N. S., Rahman, N. n.,
Dehraj, I. F., Hunzai, M. J., Mehmood, et al
2020; 71 (Supplement_3): S214–S221
- **Antimicrobial Resistance in Typhoidal Salmonella: Surveillance for Enteric Fever in Asia Project, 2016-2019.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Qamar, F. N., Yousafzai, M. T., Dehraj, I. F., Shakoor, S. n., Irfan, S. n., Hotwani, A. n., Hunzai, M. J., Thobani, R. S., Rahman, N. n., Mehmood, J. n.,
Hemlock, C. n., Memon, A. M., Andrews, et al
2020; 71 (Supplement_3): S276–S284
- **Typhoid and Paratyphoid Cost of Illness in Nepal: Patient and Health Facility Costs From the Surveillance for Enteric Fever in Asia Project II.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Mejia, N. n., Abimbola, T. n., Andrews, J. R., Vaidya, K. n., Tamrakar, D. n., Pradhan, S. n., Shakya, R. n., Garrett, D. O., Date, K. n., Pallas, S. W.
2020; 71 (Supplement_3): S306–S318
- **Utilization of Blood Culture in South Asia for the Diagnosis and Treatment of Febrile Illness.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Hemlock, C. n., Luby, S. P., Saha, S. n., Qamar, F. n., Andrews, J. R., Saha, S. K., Tamrakar, D. n., Date, K. n., Longley, A. T., Garrett, D. O., Bogoch, I. I.
2020; 71 (Supplement_3): S266–S275
- **Hospitalization of Pediatric Enteric Fever Cases, Dhaka, Bangladesh, 2017-2019: Incidence and Risk Factors.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*

- Saha, S. n., Sayeed, K. M., Saha, S. n., Islam, M. S., Rahaman, A. n., Islam, M. n., Rahman, H. n., Das, R. n., Hasan, M. M., Uddin, M. J., Tanmoay, A. M., Ahmed, A. S., Luby, et al
2020; 71 (Supplement_3): S196–S204
- **Spatial Heterogeneity of Enteric Fever in 2 Diverse Communities in Nepal.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Tamrakar, D. n., Vaidya, K. n., Yu, A. T., Aiemjoy, K. n., Naga, S. R., Cao, Y. n., Bern, C. n., Shrestha, R. n., Karmacharya, B. M., Pradhan, S. n., Qamar, F. N., Saha, S. n., Date, et al
2020; 71 (Supplement_3): S205–S213
 - **A Cluster-based, Spatial-sampling Method for Assessing Household Healthcare Utilization Patterns in Resource-limited Settings.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Yu, A. T., Shakya, R. n., Adhikari, B. n., Tamrakar, D. n., Vaidya, K. n., Maples, S. n., Date, K. n., Bogoch, I. I., Bern, C. n., Qamar, F. n., Yousafzai, M. T., Garrett, D. O., Longley, et al
2020; 71 (Supplement_3): S239–S247
 - **Antibiotic Use Prior to Hospital Presentation Among Individuals With Suspected Enteric Fever in Nepal, Bangladesh, and Pakistan.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Vaidya, K. n., Aiemjoy, K. n., Qamar, F. N., Saha, S. K., Tamrakar, D. n., Naga, S. R., Saha, S. n., Hemlock, C. n., Longley, A. T., Date, K. n., Bogoch, I. I., Garrett, D. O., Luby, et al
2020; 71 (Supplement_3): S285–S292
 - **Diagnostic Value of Clinical Features to Distinguish Enteric Fever From Other Febrile Illnesses in Bangladesh, Nepal, and Pakistan.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Aiemjoy, K. n., Tamrakar, D. n., Saha, S. n., Naga, S. R., Yu, A. T., Longley, A. n., Date, K. n., Hemlock, C. n., Qamar, F. N., Saha, S. K., Luby, S. P., Garrett, D. O., Andrews, et al
2020; 71 (Supplement_3): S257–S265
 - **Healthcare Utilization Patterns for Acute Febrile Illness in Bangladesh, Nepal, and Pakistan: Results from the Surveillance for Enteric Fever in Asia Project.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Andrews, J. R., Vaidya, K. n., Saha, S. n., Yousafzai, M. T., Hemlock, C. n., Longley, A. n., Aiemjoy, K. n., Yu, A. T., Bogoch, I. I., Tamrakar, D. n., Date, K. n., Saha, S. K., Garrett, et al
2020; 71 (Supplement_3): S248–S256
 - **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
 - **The household secondary attack rate of SARS-CoV-2: A rapid review.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Fung, H. F., Martinez, L. n., Alarid-Escudero, F. n., Salomon, J. A., Studdert, D. M., Andrews, J. R., Goldhaber-Fiebert, J. D.
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
 - **Primary Prophylaxis to Prevent Tuberculosis Infection in Prison Inmates: A Randomized, Double-Blind, Placebo-Controlled Trial.** *The American journal of tropical medicine and hygiene*
Dias de Oliveira, R. n., da Silva Santos, A. n., Reis, C. B., de Cássia Leite, A. n., Correia Sacchi, F. P., Araujo, R. P., Dos Santos, P. P., Rolla, V. C., Martinez, L. n., Andrews, J. n., Croda, J. n.
2020
 - **Deep learning-based automated detection algorithm for active pulmonary tuberculosis on chest radiographs: diagnostic performance in systematic screening of asymptomatic individuals.** *European radiology*
Lee, J. H., Park, S. n., Hwang, E. J., Goo, J. M., Lee, W. Y., Lee, S. n., Kim, H. n., Andrews, J. R., Park, C. M.
2020
 - **Genomic variant-identification methods may alter Mycobacterium tuberculosis transmission inferences.** *Microbial genomics*

- Walter, K. S., Colijn, C. n., Cohen, T. n., Mathema, B. n., Liu, Q. n., Bowers, J. n., Engelthaler, D. M., Narechania, A. n., Lemmer, D. n., Croda, J. n., Andrews, J. R.
2020
- **The Surveillance for Enteric Fever in Asia Project (SEAP), Severe Typhoid Fever Surveillance in Africa (SETA), Surveillance of Enteric Fever in India (SEFI), and Strategic Typhoid Alliance Across Africa and Asia (STRATAA) Population-based Enteric Fever Studies: A Review of Methodological Similarities and Differences.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Carey, M. E., MacWright, W. R., Im, J. n., Meiring, J. E., Gibani, M. M., Park, S. E., Longley, A. n., Jeon, H. J., Hemlock, C. n., Yu, A. T., Soura, A. n., Aiemjoy, K. n., Owusu-Dabo, et al
2020; 71 (Supplement_2): S102–S110
 - **Environmental Surveillance as a Tool for Identifying High-risk Settings for Typhoid Transmission.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Andrews, J. R., Yu, A. T., Saha, S. n., Shakya, J. n., Aiemjoy, K. n., Horng, L. n., Qamar, F. n., Garrett, D. n., Baker, S. n., Saha, S. n., Luby, S. P.
2020; 71 (Supplement_2): S71–S78
 - **Clinical Validation of a Deep Learning Algorithm for Detection of Pneumonia on Chest Radiographs in Emergency Department Patients with Acute Febrile Respiratory Illness.** *Journal of clinical medicine*
Kim, J. H., Kim, J. Y., Kim, G. H., Kang, D. n., Kim, I. J., Seo, J. n., Andrews, J. R., Park, C. M.
2020; 9 (6)
 - **Identifying priorities for testing and treatment of latent tuberculosis infection in the United States.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Martinez, L. n., Andrews, J. R.
2020
 - **Evaluation of a Rapid Point-of-Care Multiplex Immunochromatographic Assay for the Diagnosis of Enteric Fever.** *mSphere*
Kumar, S. n., Nodoushani, A. n., Khanam, F. n., DeCruz, A. T., Lambotte, P. n., Scott, R. n., Bogoch, I. I., Vaidya, K. n., Calderwood, S. B., Bhuiyan, T. R., Esfandiari, J. n., Ryan, E. T., Qadri, et al
2020; 5 (3)
 - **Seasonal drivers of tuberculosis: evidence from over 100 years of notifications in Cape Town.** *The international journal of tuberculosis and lung disease : the official journal of the International Union against Tuberculosis and Lung Disease*
Andrews, J. R., Cobelens, F. n., Horsburgh, C. R., Hatherill, M. n., Basu, S. n., Hermans, S. n., Wood, R. n.
2020; 24 (5): 477–84
 - **Oral swab testing by Xpert® MTB/RIF Ultra for mass tuberculosis screening in prisons.** *Journal of clinical tuberculosis and other mycobacterial diseases*
Lima, F. n., Santos, A. S., Oliveira, R. D., Silva, C. C., Gonçalves, C. C., Andrews, J. R., Croda, J. n.
2020; 19: 100148
 - **Yield, Efficiency and Costs of Mass Screening Algorithms for Tuberculosis in Brazilian Prisons.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Santos, A. d., Oliveira, R. D., Lemos, E. F., Lima, F. n., Cohen, T. n., Cords, O. n., Martinez, L. n., Gonçalves, C. n., Ko, A. n., Andrews, J. R., Croda, J. n.
2020
 - **Temporal trends in the prevalence of Mycobacterium tuberculosis infection in South African adolescents.** *The international journal of tuberculosis and lung disease : the official journal of the International Union against Tuberculosis and Lung Disease*
Bunyasi, E. W., Geldenhuys, H., Mulenga, H., Shenje, J., Luabeya, A. K., Tameris, M., Nemes, E., Mahomed, H., Rozot, V., Wood, R., Scriba, T., Andrews, J. R., Hatherill, et al
2019; 23 (5): 571-578
 - **The global burden of typhoid and paratyphoid fevers: a systematic analysis for the Global Burden of Disease Study 2017.** *The Lancet. Infectious diseases*
2019
 - **Molecular mechanism of azithromycin resistance among typhoidal Salmonella stains in Bangladesh identified through passive pediatric surveillance.** *PLoS neglected tropical diseases*
Hooda, Y. n., Sajib, M. S., Rahman, H. n., Luby, S. P., Bondy-Denomy, J. n., Santosham, M. n., Andrews, J. R., Saha, S. K., Saha, S. n.
2019; 13 (11): e0007868

- **How Can the Typhoid Fever Surveillance in Africa and the Severe Typhoid Fever in Africa Programs Contribute to the Introduction of Typhoid Conjugate Vaccines?** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Jeon, H. J., Im, J. n., Haselbeck, A. n., Holm, M. n., Rakotozandrindrainy, R. n., Bassiahi, A. S., Panzner, U. n., Mogeni, O. D., Seo, H. J., Lunguya, O. n., Jacobs, J. n., Okeke, I. N., Terferi, et al
2019; 69 (Supplement_6): S417–S421
- **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
- **Clinical evaluation for morbidity associated with soil-transmitted helminth infection in school-age children on Pemba Island, Tanzania.** *PLoS neglected tropical diseases*
Bogoch, I. I., Speich, B. n., Lo, N. C., Moser, W. n., Croll, D. n., Ali, S. M., Ame, S. M., Utzinger, J. n., Andrews, J. R., Keiser, J. n.
2019; 13 (7): e0007581
- **Identification of widespread antibiotic exposure in cholera patients correlates with clinically relevant microbiota changes.** *The Journal of infectious diseases*
Alexandrova, L. n., Haque, F. n., Rodriguez, P. n., Marrazzo, A. C., Grembi, J. A., Ramachandran, V. n., Hryckowian, A. J., Adams, C. M., Siddique, M. S., Khan, A. I., Qadri, F. n., Andrews, J. R., Rahman, et al
2019
- **Antibacterial mass drug administration for child mortality reduction: Opportunities, concerns, and possible next steps.** *PLoS neglected tropical diseases*
Bogoch, I. I., Utzinger, J. n., Lo, N. C., Andrews, J. R.
2019; 13 (5): e0007315
- **Paediatric tuberculosis transmission outside the household: challenging historical paradigms to inform future public health strategies.** *The Lancet. Respiratory medicine*
Martinez, L. n., Lo, N. C., Cords, O. n., Hill, P. C., Khan, P. n., Hatherill, M. n., Mandalakas, A. n., Kay, A. n., Croda, J. n., Horsburgh, C. R., Zar, H. J., Andrews, J. R.
2019
- **Comparative accuracy of typhoid diagnostic tools: A Bayesian latent-class network analysis.** *PLoS neglected tropical diseases*
Arora, P. n., Thorlund, K. n., Brenner, D. R., Andrews, J. R.
2019; 13 (5): e0007303
- **Detection, survival and infectious potential of Mycobacterium tuberculosis in the environment: A review of the evidence and epidemiological implications.** *The European respiratory journal*
Martinez, L. n., Verma, R. n., Croda, J. n., Horsburgh, C. R., Walter, K. S., Degner, N. n., Middelkoop, K. n., Koch, A. n., Hermans, S. n., Warner, D. n., Wood, R. n., Cobelens, F. n., Andrews, et al
2019
- **Building a tuberculosis-free world: The Lancet Commission on tuberculosis.** *Lancet (London, England)*
Reid, M. J., Arinaminpathy, N. n., Bloom, A. n., Bloom, B. R., Boehme, C. n., Chaisson, R. n., Chin, D. P., Churchyard, G. n., Cox, H. n., Ditiu, L. n., Dybul, M. n., Farrar, J. n., Fauci, et al
2019
- **Epidemiology of Typhoid and Paratyphoid: Implications for Vaccine Policy.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Saha, S. n., Islam, M. S., Sajib, M. S., Saha, S. n., Uddin, M. J., Hooda, Y. n., Hasan, M. n., Amin, M. R., Hanif, M. n., Shahidullah, M. n., Islam, M. n., Luby, S. P., Andrews, et al
2019; 68 (Supplement_2): S117–S123
- **Global, regional, and national burden of tuberculosis, 1990-2016: results from the Global Burden of Diseases, Injuries, and Risk Factors 2016 Study** *LANCET INFECTIOUS DISEASES*
Kyu, H., Maddison, E. R., Henry, N. J., Ledesma, J. R., Wiens, K. E., Reiner, R., Biehl, M. H., Shields, C., Osgood-Zimmerman, A., Ross, J. M., Carter, A., Frank, T. D., Wang, et al
2018; 18 (12): 1329–49
- **Extensively Drug-Resistant Typhoid - Are Conjugate Vaccines Arriving Just in Time?** *The New England journal of medicine*
Andrews, J. R., Qamar, F. N., Charles, R. C., Ryan, E. T.

2018; 379 (16): 1493–95

- **Phenotyping antibiotic resistance with single-cell resolution for the detection of heteroresistance** *SENSORS AND ACTUATORS B-CHEMICAL*
Lyu, F., Pan, M., Patil, S., Wang, J., Matin, A. C., Andrews, J. R., Tang, S. Y.
2018; 270: 396–404
- **Improving Tuberculosis Case Finding in Persons Living with Advanced HIV through New Diagnostic Algorithms.** *American journal of respiratory and critical care medicine*
Martinez, L., Andrews, J. R.
2018
- **Integrating Facility-Based Surveillance With Healthcare Utilization Surveys to Estimate Enteric Fever Incidence: Methods and Challenges.** *The Journal of infectious diseases*
Andrews, J. R., Barkume, C., Yu, A. T., Saha, S. K., Qamar, F. N., Garrett, D., Luby, S. P.
2018
- **Typhoid conjugate vaccines: a new tool in the fight against antimicrobial resistance.** *The Lancet. Infectious diseases*
Andrews, J. R., Baker, S., Marks, F., Alsan, M., Garrett, D., Gellin, B. G., Saha, S. K., Qamar, F. N., Yousafzai, M. T., Bogoch, I. I., Antillon, M., Pitzer, V. E., Kim, et al
2018
- **Impact and cost-effectiveness of snail control to achieve disease control targets for schistosomiasis.** *Proceedings of the National Academy of Sciences of the United States of America*
Lo, N. C., Gurarie, D. n., Yoon, N. n., Coulibaly, J. T., Bendavid, E. n., Andrews, J. R., King, C. H.
2018
- **Assessment of Validity of a Blood-Based 3-Gene Signature Score for Progression and Diagnosis of Tuberculosis, Disease Severity, and Treatment Response** *JAMA Network Open*
Warsinske, H. C., Rao, A. M., Moreira, F. M., Santos, P. M., Liu, A. B., Scott, M., Malherbe, S. T., Ronacher, K., Walzl, G., Winter, J., Sweeney, T. E., Croda, J., Andrews, et al
2018; 1 (6): e183779
- **Spatially targeted screening to reduce tuberculosis transmission in high-incidence settings.** *The Lancet. Infectious diseases*
Cudahy, P. G., Andrews, J. R., Bilinski, A. n., Dowdy, D. W., Mathema, B. n., Menzies, N. A., Salomon, J. A., Shrestha, S. n., Cohen, T. n.
2018
- **Advances in the understanding of Mycobacterium tuberculosis transmission in HIV-endemic settings.** *The Lancet. Infectious diseases*
Peters, J. S., Andrews, J. R., Hatherill, M. n., Hermans, S. n., Martinez, L. n., Schurr, E. n., van der Heijden, Y. n., Wood, R. n., Rustomjee, R. n., Kana, B. D.
2018
- **Building capacity for advances in tuberculosis research; proceedings of the third RePORT international meeting.** *Tuberculosis (Edinburgh, Scotland)*
van der Heijden, Y. F., Abdullah, F. n., Andrade, B. B., Andrews, J. R., Christopher, D. J., Croda, J. n., Ewing, H. n., Haas, D. W., Hatherill, M. n., Horsburgh, C. R., Mave, V. n., Nakaya, H. I., Rolla, et al
2018; 113: 153–62
- **Evaluating PCR-Based Detection of Salmonella Typhi and Paratyphi A in the Environment as an Enteric Fever Surveillance Tool.** *The American journal of tropical medicine and hygiene*
Saha, S. n., Tanmoy, A. M., Andrews, J. R., Sajib, M. S., Yu, A. T., Baker, S. n., Luby, S. P., Saha, S. K.
2018
- **Assessing the Risk of Vaccine-derived Outbreaks After Reintroduction of Oral Poliovirus Vaccine in Postcessation Settings.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Fu, R. n., Altamirano, J. n., Sarnquist, C. C., Maldonado, Y. A., Andrews, J. R.
2018; 67 (suppl_1): S26–S34
- **Phase I of the Surveillance for Enteric Fever in Asia Project (SEAP): An Overview and Lessons Learned.** *The Journal of infectious diseases*
Barkume, C. n., Date, K. n., Saha, S. K., Qamar, F. N., Sur, D. n., Andrews, J. R., Luby, S. P., Khan, M. I., Freeman, A. n., Yousafzai, M. T., Garrett, D. n.
2018

- **Investigating spillover of multidrug-resistant tuberculosis from a prison: a spatial and molecular epidemiological analysis.** *BMC medicine*
Warren, J. L., Grandjean, L. n., Moore, D. A., Lithgow, A. n., Coronel, J. n., Sheen, P. n., Zelner, J. L., Andrews, J. R., Cohen, T. n.
2018; 16 (1): 122
- **Plasma IgA responses against two Salmonella Typhi antigens identify patients with typhoid fever.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Andrews, J. R., Khanam, F. n., Rahman, N. n., Hossain, M. n., Bogoch, I. I., Vaidya, K. n., Kelly, M. n., Calderwood, S. B., Bhuiyan, T. R., Ryan, E. T., Qadri, F. n., Charles, R. C.
2018
- **Drivers of seasonal variation in tuberculosis incidence: insights from a systematic review and mathematical model.** *Epidemiology (Cambridge, Mass.)*
Tedijanto, C. n., Hermans, S. n., Cobelens, F. n., Wood, R. n., Andrews, J. R.
2018
- **Deworming in pre-school age children: A global empirical analysis of health outcomes.** *PLoS neglected tropical diseases*
Lo, N. C., Snyder, J. n., Addiss, D. G., Heft-Neal, S. n., Andrews, J. R., Bendavid, E. n.
2018; 12 (5): e0006500
- **Suicide in Brazilian indigenous communities: clustering of cases in children and adolescents by household.** *Revista de saude publica*
Lazzarini, T. A., Gonçalves, C. C., Benites, W. M., Silva, L. F., Tsuha, D. H., Ko, A. I., Rohrbaugh, R. n., Andrews, J. R., Croda, J. n.
2018; 52: 56
- **What is the best immunization strategy for protecting African children against invasive Salmonella disease?** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Jeon, H. J., Pak, G. D., Im, J. n., Owusu-Dabo, E. n., Adu-Sarkodie, Y. n., Gassama Sow, A. n., Bassiahi, A. S., Gasmelseed, N. n., Keddy, K. H., Bjerregaard-Andersen, M. n., Konings, F. n., Aseffa, A. n., Crump, et al
2018
- **Invasive Pomacea snails as important intermediate hosts of Angiostrongylus cantonensis in Laos, Cambodia and Vietnam: implications for outbreaks of eosinophilic meningitis.** *Acta tropica*
Lv, S. n., Guo, Y. H., Nguyen, H. M., Sinuon, M. n., Sayasone, S. n., Lo, N. C., Zhou, X. N., Andrews, J. R.
2018
- **Development of a new dipstick (Cholkit) for rapid detection of Vibrio cholerae O1 in acute watery diarrheal stools.** *PLoS neglected tropical diseases*
Sayeed, M. A., Islam, K. n., Hossain, M. n., Akter, N. J., Alam, M. N., Sultana, N. n., Khanam, F. n., Kelly, M. n., Charles, R. C., Kováč, P. n., Xu, P. n., Andrews, J. R., Calderwood, et al
2018; 12 (3): e0006286
- **Comparison of Strategies and Incidence Thresholds for Vi Conjugate Vaccines Against Typhoid Fever: A Cost-effectiveness Modeling Study.** *The Journal of infectious diseases*
Lo, N. C., Gupta, R. n., Stanaway, J. D., Garrett, D. O., Bogoch, I. I., Luby, S. P., Andrews, J. R.
2018
- **Serum vitamin D levels and risk of prevalent tuberculosis, incident tuberculosis and tuberculin skin test conversion among prisoners.** *Scientific reports*
Maceda, E. B., Gonçalves, C. C., Andrews, J. R., Ko, A. I., Yeckel, C. W., Croda, J. n.
2018; 8 (1): 997
- **Eosinophilic Meningitis Caused by Angiostrongylus cantonensis.** *ACS chemical neuroscience*
Lv, S., Zhou, X. N., Andrews, J. R.
2017
- **Disease ecology, health and the environment: a framework to account for ecological and socio-economic drivers in the control of neglected tropical diseases** *PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES*
Garchitorena, A., Sokolow, S. H., Roche, B., Ngonghala, C. N., Jocque, M., Lund, A., Barry, M., MORDECAI, E. A., Daily, G. C., Jones, J. H., Andrews, J. R., Bendavid, E., Luby, et al
2017; 372 (1722)
- **Evaluation of a Mobile Phone-Based Microscope for Screening of Schistosoma haematobium Infection in Rural Ghana.** *The American journal of tropical medicine and hygiene*

- Bogoch, I. I., Koydemir, H. C., Tseng, D., Ephraim, R. K., Duah, E., Tee, J., Andrews, J. R., Ozcan, A.
2017; 96 (6): 1468-1471
- **Determinants of severe dehydration from diarrheal disease at hospital presentation: Evidence from 22 years of admissions in Bangladesh.** *PLoS neglected tropical diseases*
Andrews, J. R., Leung, D. T., Ahmed, S., Malek, M. A., Ahmed, D., Begum, Y. A., Qadri, F., Ahmed, T., Faruque, A. S., Nelson, E. J.
2017; 11 (4)
 - **Increase in Tuberculosis Cases among Prisoners, Brazil, 2009-2014(1).** *Emerging infectious diseases*
Bourdillon, P. M., Gonçalves, C. C., Pelissari, D. M., Arakaki-Sanchez, D., Ko, A. I., Croda, J., Andrews, J. R.
2017; 23 (3): 496-499
 - **A call to strengthen the global strategy against schistosomiasis and soil-transmitted helminthiasis: the time is now.** *The Lancet. Infectious diseases*
Lo, N. C., Addiss, D. G., Hotez, P. J., King, C. H., Stothard, J. R., Evans, D. S., Colley, D. G., Lin, W., Coulibaly, J. T., Bustinduy, A. L., Raso, G., Bendavid, E., Bogoch, et al
2017; 17 (2): e64-e69
 - **The benefits of mass deworming on health outcomes: new evidence synthesis, the debate persists.** *The Lancet. Global health*
Andrews, J. R., Bogoch, I. I., Utzinger, J.
2017; 5 (1): e4-e5
 - **Schistosoma haematobium Egg Excretion does not Increase after Exercise: Implications for Diagnostic Testing.** *The American journal of tropical medicine and hygiene*
Coulibaly, J. T., Andrews, J. R., Lo, N. C., N'Goran, E. K., Utzinger, J. n., Keiser, J. n., Bogoch, I. I.
2017
 - **The global burden of tuberculosis: results from the Global Burden of Disease Study 2015.** *The Lancet. Infectious diseases*
2017
 - **Genetic Clustering of Tuberculosis in an Indigenous Community of Brazil.** *The American journal of tropical medicine and hygiene*
Correia Sacchi, F. P., Tatará, M. B., Camioli de Lima, C. n., Ferreira da Silva, L. n., Cunha, E. A., Simonsen, V. n., Ferrazoli, L. n., Gomes, H. M., Gonçalves Vasconcellos, S. E., Suffys, P. N., Andrews, J. R., Croda, J. n.
2017
 - **Drivers of Tuberculosis Transmission.** *The Journal of infectious diseases*
Mathema, B. n., Andrews, J. R., Cohen, T. n., Borgdorff, M. W., Behr, M. n., Glynn, J. R., Rustomjee, R. n., Silk, B. J., Wood, R. n.
2017; 216 (suppl_6): S644–S653
 - **Identification of Novel Serodiagnostic Signatures of Typhoid Fever Using a Salmonella Proteome Array.** *Frontiers in microbiology*
Darton, T. C., Baker, S. n., Randall, A. n., Dongol, S. n., Karkey, A. n., Voysey, M. n., Carter, M. J., Jones, C. n., Trappl, K. n., Pablo, J. n., Hung, C. n., Teng, A. n., Shandling, et al
2017; 8: 1794
 - **High Rates of Enteric Fever Diagnosis and Lower Burden of Culture-Confirmed Disease in Peri-urban and Rural Nepal.** *The Journal of infectious diseases*
Andrews, J. R., Vaidya, K. n., Bern, C. n., Tamrakar, D. n., Wen, S. n., Madhup, S. n., Shrestha, R. n., Karmacharya, B. n., Amatya, B. n., Koju, R. n., Adhikari, S. R., Hohmann, E. n., Ryan, et al
2017
 - **Mobile phone and handheld microscopes for public health applications** *Lancet Public Health*
Bogoch, I. I., Lundin, J., Lo, N. C., Andrews, J. R.
2017; 2 (8): e355
 - **Optimization and Interpretation of Serial QuantiFERON Testing to Measure Acquisition of M. tuberculosis Infection.** *American journal of respiratory and critical care medicine*
Nemes, E. n., Rozot, V. n., Geldenhuys, H. n., Bilek, N. n., Mabwe, S. n., Abrahams, D. n., Makhethe, L. n., Erasmus, M. n., Keyser, A. n., Toefy, A. n., Cloete, Y. n., Ratangee, F. n., Blauenfeldt, et al
2017
 - **Mobile-phone and handheld microscopy for neglected tropical diseases.** *PLoS neglected tropical diseases*

- Rajchgot, J. n., Coulibaly, J. T., Keiser, J. n., Utzinger, J. n., Lo, N. C., Mondry, M. K., Andrews, J. R., Bogoch, I. I.
2017; 11 (7): e0005550
- **Evaluation of a Smartphone Decision-Support Tool for Diarrheal Disease Management in a Resource-Limited Setting.** *PLoS neglected tropical diseases*
Haque, F., Ball, R. L., Khatun, S., Ahmed, M., Kache, S., Chisti, M. J., Sarker, S. A., Maples, S. D., Pieri, D., Vardhan Korrapati, T., Sarnquist, C., Federspiel, N., Rahman, et al
2017; 11 (1)
 - **Poor Validity of Noninvasive Hemoglobin Measurements by Pulse Oximetry Compared with Conventional Absorptiometry in Children in Cote d'Ivoire** *AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE*
Bogoch, I. I., Coulibaly, J. T., Rajchgot, J., Andrews, J. R., Kovac, J., Utzinger, J., Panic, G., Keiser, J.
2017; 96 (1): 217-220
 - **Efficacy and safety of praziquantel against light infections of *Opisthorchis viverrini*: a randomised parallel single blind dose-ranging trial.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Sayasone, S., Meister, I., Andrews, J. R., Odermatt, P., Vonghachack, Y., Xayavong, S., Senggnam, K., Phongluxa, K., Hattendorf, J., Bogoch, I. I., Keiser, J.
2016
 - **The mass miniature chest radiography programme in Cape Town, South Africa, 1948 - 1994: The impact of active tuberculosis case finding.** *South African medical journal = Suid-Afrikaanse tydskrif vir geneeskunde*
Hermans, S. M., Andrews, J. R., Bekker, L. G., Wood, R.
2016; 106 (12): 1263-1269
 - **Impact of mass-screening on tuberculosis incidence in a prospective cohort of Brazilian prisoners.** *BMC infectious diseases*
Paião, D. S., Lemos, E. F., Carbone, A. d., Sgarbi, R. V., Junior, A. L., da Silva, F. M., Brandão, L. M., Dos Santos, L. S., Martins, V. S., Simionatto, S., Motta-Castro, A. R., Pompílio, M. A., Urrego, et al
2016; 16 (1): 533
 - **Advances in diagnosis, treatment, and prevention of invasive *Salmonella* infections.** *Current opinion in infectious diseases*
MacFadden, D. R., Bogoch, I. I., Andrews, J. R.
2016; 29 (5): 453-458
 - **Risk of self-reported symptoms or diagnosis of active tuberculosis in relationship to low body mass index, diabetes and their co-occurrence.** *Tropical medicine & international health*
Prince, L., Andrews, J. R., Basu, S., Goldhaber-Fiebert, J. D.
2016; 21 (10): 1272-1281
 - **Evaluation of Malaria Diagnoses Using a Handheld Light Microscope in a Community-Based Setting in Rural Cote d'Ivoire** *AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE*
Coulibaly, J. T., Ouattara, M., Keiser, J., Bonfoh, B., N'Goran, E. K., Andrews, J. R., Bogoch, I. I.
2016; 95 (4): 831-834
 - **Evaluation of a Urine Pooling Strategy for the Rapid and Cost-Efficient Prevalence Classification of Schistosomiasis.** *PLoS neglected tropical diseases*
Lo, N. C., Coulibaly, J. T., Bendavid, E., N'Goran, E. K., Utzinger, J., Keiser, J., Bogoch, I. I., Andrews, J. R.
2016; 10 (8)
 - **Improving helminth treatment access: costs and opportunities.** *The Lancet. Infectious diseases*
Lo, N. C., Andrews, J. R., Bogoch, I. I.
2016; 16 (7): 762-4
 - **Accuracy of Mobile Phone and Handheld Light Microscopy for the Diagnosis of Schistosomiasis and Intestinal Protozoa Infections in Cote d'Ivoire** *PLOS NEGLECTED TROPICAL DISEASES*
Coulibaly, J. T., Ouattara, M., D'Ambrosio, M. V., Fletcher, D. A., Keiser, J., Utzinger, J., N'Goran, E. K., Andrews, J. R., Bogoch, I. I.
2016; 10 (6)
 - **Comparison of the Performance of the TPTest, Tubex, Typhidot and Widal Immunodiagnostic Assays and Blood Cultures in Detecting Patients with Typhoid Fever in Bangladesh, Including Using a Bayesian Latent Class Modeling Approach.** *PLoS neglected tropical diseases*
Islam, K., Sayeed, M. A., Hossen, E., Khanam, F., Charles, R. C., Andrews, J., Ryan, E. T., Qadri, F.

2016; 10 (4): e0004558

- **Diagnosis of *Opisthorchis viverrini* Infection with Handheld Microscopy in Lao People's Democratic Republic.** *American journal of tropical medicine and hygiene*
Bogoch, I. I., Sayasone, S., Vonghachack, Y., Meister, I., Utzinger, J., Odermatt, P., Andrews, J. R., Keiser, J.
2016; 94 (1): 158-160
- **Achieving high treatment success for multidrug-resistant TB in Africa: initiation and scale-up of MDR TB care in Ethiopia-an observational cohort study.** *Thorax*
Meressa, D., Hurtado, R. M., Andrews, J. R., Diro, E., Abato, K., Daniel, T., Prasad, P., Prasad, R., Fekade, B., Tedla, Y., Yusuf, H., Tadesse, M., Tefera, et al
2015; 70 (12): 1181-1188
- **A Cross-Sectional Survey of HIV Testing and Prevalence in Twelve Brazilian Correctional Facilities.** *PLoS one*
Sgarbi, R. V., Carbone, A. d., Paião, D. S., Lemos, E. F., Simionatto, S., Puga, M. A., Motta-Castro, A. R., Pompilio, M. A., Urrego, J., Ko, A. I., Andrews, J. R., Croda, J.
2015; 10 (10): e0139487
- **The Impact of Ventilation and Early Diagnosis on Tuberculosis Transmission in Brazilian Prisons** *AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE*
Urrego, J., Ko, A. I., Santos Carbone, A. d., Guimaraes Paiao, D. S., Enne Sgarbi, R. V., Yeckel, C. W., Andrews, J. R., Crodat, J.
2015; 93 (4): 739-746
- **Changes to Initial Postexposure Prophylaxis Regimens Between the Emergency Department and Clinic.** *Journal of acquired immune deficiency syndromes (1999)*
Bogoch, I. I., Siemieniuk, R. A., Andrews, J. R., Scully, E. P., Mayer, K. H., Bell, C. M., Zachary, K. C., Yawetz, S.
2015; 69 (5): e182-4
- **Is a Cholera Outbreak Preventable in Post-earthquake Nepal?** *PLoS neglected tropical diseases*
Nelson, E. J., Andrews, J. R., Maples, S., Barry, M., Clemens, J. D.
2015; 9 (8)
- **Towards sustainable public health surveillance for enteric fever.** *Vaccine*
Luby, S. P., Saha, S., Andrews, J. R.
2015; 33: C3-7
- **Diagnostics for invasive *Salmonella* infections: Current challenges and future directions.** *Vaccine*
Andrews, J. R., Ryan, E. T.
2015; 33: C8-15
- **Diagnosis of *Schistosoma haematobium* Infection with a Mobile Phone-Mounted Foldscope and a Reversed-Lens CellScope in Ghana** *AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE*
Ephraim, R. K., Duah, E., Cybulski, J. S., Prakash, M., D'Ambrosio, M. V., Fletcher, D. A., Keiser, J., Andrews, J. R., Bogoch, I. I.
2015; 92 (6): 1253-1256
- **The epidemiological advantage of preferential targeting of tuberculosis control at the poor** *INTERNATIONAL JOURNAL OF TUBERCULOSIS AND LUNG DISEASE*
Andrews, J. R., Basu, S., Dowdy, D. W., Murray, M. B.
2015; 19 (4): 375-380
- **The Dynamics of QuantiFERON-TB Gold In-Tube Conversion and Reversion in a Cohort of South African Adolescents.** *American journal of respiratory and critical care medicine*
Andrews, J. R., Hatherill, M., Mahomed, H., Hanekom, W. A., Campo, M., Hawn, T. R., Wood, R., Scriba, T. J.
2015; 191 (5): 584-591
- **Prisons as Reservoir for Community Transmission of Tuberculosis, Brazil** *EMERGING INFECTIOUS DISEASES*
Sacchi, F. P., Praca, R. M., Tatara, M. B., Simonsen, V., Ferrazoli, L., Croda, M. G., Suffys, P. N., Ko, A. I., Andrews, J. R., Croda, J.
2015; 21 (3): 452-455
- **Treating multidrug-resistant tuberculosis in community settings: a wise investment.** *international journal of tuberculosis and lung disease*
Andrews, J. R., Stout, J. E.

2015; 19 (2): 127-?

- **Active and latent tuberculosis in Brazilian correctional facilities: a cross-sectional study.** *BMC infectious diseases*
Carbone, A. d., Paião, D. S., Sgarbi, R. V., Lemos, E. F., Cazanti, R. F., Ota, M. M., Junior, A. L., Bampi, J. V., Elias, V. P., Simionatto, S., Motta-Castro, A. R., Pompílio, M. A., de Oliveira, et al
2015; 15: 24-?
- **Comparison of community-wide, integrated mass drug administration strategies for schistosomiasis and soil-transmitted helminthiasis: a cost-effectiveness modelling study** *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: e629-38
- **Quantitative evaluation of a handheld light microscope for field diagnosis of soil-transmitted helminth infection.** *The American journal of tropical medicine and hygiene*
Bogoch, I. I., Andrews, J. R., Speich, B., Ame, S. M., Ali, S. M., Stothard, J. R., Utzinger, J., Keiser, J.
2014; 91 (6): 1138-1141
- **Evaluation of portable microscopic devices for the diagnosis of Schistosoma and soil-transmitted helminth infection** *PARASITOLOGY*
Bogoch, I. I., Coulibaly, J. T., Andrews, J. R., Speich, B., Keiser, J., Stothard, J. R., N'Goran, E. K., Utzinger, J.
2014; 141 (14): 1811-1818
- **Isoniazid preventive therapy in medium-incidence settings: the price is right.** *international journal of tuberculosis and lung disease*
Stout, J. E., Andrews, J. R.
2014; 18 (12): 1388-?
- **Strengthening Nepal's Female Community Health Volunteer network: a qualitative study of experiences at two years** *BMC HEALTH SERVICES RESEARCH*
Schwarz, D., Sharma, R., Bashyal, C., Schwarz, R., Baruwal, A., Karelas, G., Basnet, B., Khadka, N., Brady, J., Silver, Z., Mukherjee, J., Andrews, J., Maru, et al
2014; 14
- **Ultra-Low-Cost Urine Filtration for Schistosoma haematobium Diagnosis: A Proof-of-Concept Study.** *American journal of tropical medicine and hygiene*
Ephraim, R. K., Duah, E., Andrews, J. R., Bogoch, I. I.
2014; 91 (3): 544-546
- **Integrating Social Contact and Environmental Data in Evaluating Tuberculosis Transmission in a South African Township** *JOURNAL OF INFECTIOUS DISEASES*
Andrews, J. R., Morrow, C., Walensky, R. P., Wood, R.
2014; 210 (4): 597-603
- **The Importance of Implementation Strategy in Scaling Up Xpert MTB/RIF for Diagnosis of Tuberculosis in the Indian Health-Care System: A Transmission Model** *PLOS MEDICINE*
Salje, H., Andrews, J. R., Deo, S., Satyanarayana, S., Sun, A. Y., Pai, M., Dowdy, D. W.
2014; 11 (7)
- **A User-Friendly, Open-Source Tool to Project Impact and Cost of Diagnostic Tests for Tuberculosis** *ELIFE*
Dowdy, D. W., Andrews, J. R., Dodd, P. J., Gilman, R. H.
2014; 3
- **Patient Attrition Between the Emergency Department and Clinic Among Individuals Presenting for HIV Nonoccupational Postexposure Prophylaxis** *CLINICAL INFECTIOUS DISEASES*
Bogoch, I. I., Scully, E. P., Zachary, K. C., Yawetz, S., Mayer, K. H., Bell, C. M., Andrews, J. R.
2014; 58 (11): 1618-1624
- **Timing of Tuberculosis Transmission and the Impact of Household Contact Tracing An Agent-based Simulation Model** *AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE*
Kasaie, P., Andrews, J. R., Kelton, W. D., Dowdy, D. W.
2014; 189 (7): 845-852
- **Quantification of shared air: a social and environmental determinant of airborne disease transmission.** *PLoS one*
Wood, R., Morrow, C., Ginsberg, S., Piccoli, E., Kalil, D., Sassi, A., Walensky, R. P., Andrews, J. R.

2014; 9 (9)

- **Challenges in Evaluating the Cost-effectiveness of New Diagnostic Tests for HIV-Associated Tuberculosis** *CLINICAL INFECTIOUS DISEASES*
Andrews, J. R., Lawn, S. D., Dowdy, D. W., Walensky, R. P.
2013; 57 (7): 1021-1026
- **Complexity in mathematical models of public health policies: a guide for consumers of models.** *PLoS medicine*
Basu, S., Andrews, J.
2013; 10 (10)
- **Evaluation of an Electricity-free, Culture-based Approach for Detecting Typhoidal Salmonella Bacteremia during Enteric Fever in a High Burden, Resource-limited Setting** *PLOS NEGLECTED TROPICAL DISEASES*
Andrews, J. R., Prajapati, K. G., Eyppe, E., Shrestha, P., Shakya, M., Pathak, K. R., Joshi, N., Tiwari, P., Risal, M., Koirala, S., Karkey, A., Dongol, S., Wen, et al
2013; 7 (6)
- **Short Report: Mobile Phone Microscopy for the Diagnosis of Soil-Transmitted Helminth Infections: A Proof-of-Concept Study** *AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE*
Bogoch, I. I., Andrews, J. R., Speich, B., Utzinger, J., Ame, S. M., Ali, S. M., Keiser, J.
2013; 88 (4): 626-629
- **Modeling the Role of Public Transportation in Sustaining Tuberculosis Transmission in South Africa** *AMERICAN JOURNAL OF EPIDEMIOLOGY*
Andrews, J. R., Morrow, C., Wood, R.
2013; 177 (6): 556-561
- **Is Passive Diagnosis Enough? The Impact of Subclinical Disease on Diagnostic Strategies for Tuberculosis** *AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE*
Dowdy, D. W., Basu, S., Andrews, J. R.
2013; 187 (5): 543-551
- **Clinical predictors for the aetiology of peripheral lymphadenopathy in HIV-infected adults** *HIV MEDICINE*
Bogoch, I. I., Andrews, J. R., Nagami, E. H., Rivera, A. M., Gandhi, R. T., Stone, D.
2013; 14 (3): 182-186
- **Diagnosis of influenza from lower respiratory tract sampling after negative upper respiratory tract sampling** *VIRULENCE*
Bogoch, I. I., Andrews, J. R., Zachary, K. C., Hohmann, E. L.
2013; 4 (1): 82-84
- **Crossing the quality chasm in resource-limited settings** *GLOBALIZATION AND HEALTH*
Maru, D. S., Andrews, J., Schwarz, D., Schwarz, R., Acharya, B., Ramaiya, A., Karelas, G., Rajbhandari, R., Mate, K., Shilpakar, S.
2012; 8
- **Simple questionnaire and urine reagent strips compared to microscopy for the diagnosis of Schistosoma haematobium in a community in northern Ghana** *TROPICAL MEDICINE & INTERNATIONAL HEALTH*
Bogoch, I. I., Andrews, J. R., Dadzie Ephraim, R. K., Utzinger, J.
2012; 17 (10): 1217-1221
- **Projecting the Benefits of Antiretroviral Therapy for HIV Prevention: The Impact of Population Mobility and Linkage to Care** *JOURNAL OF INFECTIOUS DISEASES*
Andrews, J. R., Wood, R., Bekker, L., Middelkoop, K., Walensky, R. P.
2012; 206 (4): 543-551
- **Comparative Performance of Private and Public Healthcare Systems in Low- and Middle-Income Countries: A Systematic Review** *PLOS MEDICINE*
Basu, S., Andrews, J., Kishore, S., Panjabi, R., Stuckler, D.
2012; 9 (6)
- **The cost-effectiveness of routine tuberculosis screening with Xpert MTB/RIF prior to initiation of antiretroviral therapy: a model-based analysis** *AIDS*
Andrews, J. R., Lawn, S. D., Rusu, C., Wood, R., Noubary, F., Bender, M. A., Horsburgh, C. R., Losina, E., Freedberg, K. A., Walensky, R. P.

2012; 26 (8): 987-995

- **On partnership. *Narrative inquiry in bioethics***
Schwarz, R., Maru, D. S., Schwarz, D., Acharya, B., Acharya, B., Rajbhandari, R., Andrews, J., Karelas, G., Sharma, R., Arnoldy, M.
2012; 2 (2): 101-106
- **Risk factors for mortality among MDR- and XDR-TB patients in a high HIV prevalence setting** *INTERNATIONAL JOURNAL OF TUBERCULOSIS AND LUNG DISEASE*
Gandhi, N. R., Andrews, J. R., Brust, J. C., Montreuil, R., Weissman, D., Heo, M., Moll, A. P., Friedland, G. H., Shah, N. S.
2012; 16 (1): 90-97
- **Social and News Media Enable Estimation of Epidemiological Patterns Early in the 2010 Haitian Cholera Outbreak** *AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE*
Chunara, R., Andrews, J. R., Brownstein, J. S.
2012; 86 (1): 39-45
- **Implementing a systems-oriented morbidity and mortality conference in remote rural Nepal for quality improvement** *BMJ QUALITY & SAFETY*
Schwarz, D., Schwarz, R., Gauchan, B., Andrews, J., Sharma, R., Karelas, G., Rajbhandari, R., Acharya, B., Mate, K., Bista, A., Bista, M. G., Sox, C., Maru, et al
2011; 20 (12): 1082-1088
- **Pandemic H1N1 Influenza Infection in Adult Transplant Recipients** *TRANSPLANTATION*
Bogoch, I. I., Andrews, J. R., Hohmann, E. L., Kotton, C. N., Marty, F. M.
2011; 91 (12): E80-E81
- **HIV-1 and 2009 H1N1 Influenza A in Adults** *JAIDS-JOURNAL OF ACQUIRED IMMUNE DEFICIENCY SYNDROMES*
Bogoch, I. I., Andrews, J. R., Marty, F. M., Hohmann, E. L.
2011; 56 (4): E111-E113
- **Visceral Leishmaniasis in Far Western Nepal: Another Case and Concerns about a New Area of Endemicity** *AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE*
Schwarz, D., Andrews, J., Gauchan, B.
2011; 84 (3): 508-508
- **Tuberculosis and HIV Co-Infection Screening and Treatment Strategies** *DRUGS*
Venkatesh, K. K., Swaminathan, S., Andrews, J. R., Mayer, K. H.
2011; 71 (9): 1133-1152
- **Kaposi's Sarcoma-Associated Herpesvirus-Related Solid Lymphoma Involving the Heart and Brain.** *AIDS research and treatment*
Andrews, J. R., Cho-Park, Y. A., Ferry, J., Abramson, J. S., Robbins, G. K.
2011; 2011: 729854-?
- **Predictors of Multidrug- and Extensively Drug-Resistant Tuberculosis in a High HIV Prevalence Community** *PLOS ONE*
Andrews, J. R., Shah, N. S., Weissman, D., Moll, A. P., Friedland, G., Gandhi, N. R.
2010; 5 (12)
- **Turning a blind eye: the mobilization of radiology services in resource-poor regions.** *Globalization and health*
Maru, D. S., Schwarz, R., Jason, A., Basu, S., Sharma, A., Moore, C.
2010; 6: 18-?
- **HIV Coinfection in Multidrug- and Extensively Drug-Resistant Tuberculosis Results in High Early Mortality** *AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE*
Gandhi, N. R., Shah, N. S., Andrews, J. R., Vella, V., Moll, A. P., Scott, M., Weissman, D., Marra, C., Laloo, U. G., Friedland, G. H.
2010; 181 (1): 80-86
- **Global Health Delivery 2.0: Using Open-Access Technologies for Transparency and Operations Research** *PLOS MEDICINE*
Maru, D. S., Sharma, A., Andrews, J., Basu, S., Thapa, J., Oza, S., Bashyal, C., Acharya, B., Schwarz, R.
2009; 6 (12)
- **Averting epidemics of extensively drug-resistant tuberculosis** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*

- Basu, S., Friedland, G. H., Medlock, J., Andrews, J. R., Shah, N. S., Gandhi, N. R., Moll, A., Moodley, P., Sturm, A. W., Galvani, A. P.
2009; 106 (18): 7672-7677
- **Treatment outcomes among patients with multidrug-resistant tuberculosis: systematic review and meta-analysis** *LANCET INFECTIOUS DISEASES*
Orenstein, E. W., Basu, S., Shah, N. S., Andrews, J. R., Friedland, G. H., Moll, A. P., Gandhi, N. R., Galvani, A. P.
2009; 9 (3): 153-161
 - **Multidrug-resistant and extensively drug-resistant tuberculosis: Implications for the HIV epidemic and antiretroviral therapy rollout in South Africa** *JOURNAL OF INFECTIOUS DISEASES*
Andrews, J. R., Shah, N. S., Gandhi, N., Moll, T., Friedland, G.
2007; 196: S482-S490
 - **Prevention of nosocomial transmission of extensively drug-resistant tuberculosis in rural South African district hospitals: an epidemiological modelling study** *LANCET*
Basu, S., Andrews, J. R., Poolman, E. M., Gandhi, N. R., Shah, N. S., Moll, A., Moodley, P., Galvani, A. P., Friedland, G. H.
2007; 370 (9597): 1500-1507
 - **XDR-TB in South Africa: Theory and practice** *PLOS MEDICINE*
Andrews, J., Basu, S., Scales, D., Maru, D. S., Subbaraman, R.
2007; 4 (4): 770-771
 - **Extensively drug-resistant tuberculosis as a cause of death in patients co-infected with tuberculosis and HIV in a rural area of South Africa** *LANCET*
Gandhi, N. R., Moll, A., Sturm, A. W., Pawinski, R., Govender, T., Lalloo, U., Zeller, K., Andrews, J., Friedland, G.
2006; 368 (9547): 1575-1580
 - **Populations who test drugs should benefit from them** *NATURE*
Basu, S., Andrews, J., Smith-Rohrberg, D.
2006; 440 (7084): 605-605
 - **Research in the ranks - vulnerable subjects, coercible collaboration and the hepatitis E vaccine trial in Nepal** *PERSPECTIVES IN BIOLOGY AND MEDICINE*
Andrews, J.
2006; 49 (1): 35-51
 - **US military sponsored vaccine trials and La resistance in Nepal** *AMERICAN JOURNAL OF BIOETHICS*
Andrews, J.
2005; 5 (3): W1-W3
 - **How do international trade agreements influence the promotion of public health?--An introduction to the issue.** *Yale journal of health policy, law, and ethics*
Andrews, J., Chaifetz, S.
2004; 4 (2): 339-340