



## Jason Andrews

Assistant Professor of Medicine (Infectious Diseases) and, by courtesy, of Health Research and Policy (Epidemiology)

Medicine - Infectious Diseases

### CLINICAL OFFICES

- **Infectious Diseases**

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**Tel**

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### Bio

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### BIO

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

### CLINICAL FOCUS

- Infectious Disease

### ACADEMIC APPOINTMENTS

- Assistant Professor, Medicine - Infectious Diseases
- Assistant Professor (By courtesy), Health Research & Policy
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)

### HONORS AND AWARDS

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

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

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

## **PROGRAM AFFILIATIONS**

- Center for Latin American Studies

## **PROFESSIONAL EDUCATION**

- 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**

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### **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.

### **PROJECTS**

- Etiologies of acute febrile illness in rural Nepal - Stanford University
- Strategies for tuberculosis control in Brazilian prisons - Stanford University and Federal University of Grande Dourados
- Congregate Air Sampling for Population-Based Detection of Tuberculosis - Stanford University and University of Cape Town
- Evaluating effectiveness of typhoid conjugate vaccine introduction in Navi Mumbai, India - Stanford
- Surveillance for Enteric Fever in Asia Project (SEAP)
- Evaluating novel diagnostic approaches for tuberculosis

## **Teaching**

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### **COURSES**

#### **2018-19**

- Epidemiology of Infectious Diseases: HRP 231 (Win)

#### **2017-18**

- Epidemiology of Infectious Diseases: HRP 231 (Spr)

### **STANFORD ADVISEES**

#### **Postdoctoral Faculty Sponsor**

Kristen Aiemjoy, Shama Cash-Goldwasser, Leonardo Martinez Pantoja, Renu Verma, Katharine Walter

#### Postdoctoral Research Mentor

Kristen Aiemjoy, Shama Cash-Goldwasser, Leonardo Martinez Pantoja, Renu Verma

#### Doctoral (Program)

Andrea Lund

## Publications

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### PUBLICATIONS

- **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., Ko, A. I., Basu, S., Walter, K. S., Cohen, T., Mathema, B., Colijn, C., Lemos, E., Croda, J., Andrews, J. R.  
2019; 16 (1): e1002737
- **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
- **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
- **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
- **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
- **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
- **Comparative accuracy of typhoid diagnostic tools: A Bayesian latent-class network analysis.** *PLoS neglected tropical diseases*  
Arora, P., Thorlund, K., 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., Verma, R., Croda, J., Horsburgh, C. R., Walter, K. S., Degner, N., Middelkoop, K., Koch, A., Hermans, S., Warner, D., Wood, R., Cobelens, F., Andrews, 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., Islam, M. S., Sajib, M. S., Saha, S., Uddin, M. J., Hooda, Y., Hasan, M., Amin, M. R., Hanif, M., Shahidullah, M., Islam, M., Luby, S. P., Andrews, et al  
2019; 68 (Supplement\_2): S117–S123
- **Building a tuberculosis-free world: The Lancet Commission on tuberculosis.** *Lancet (London, England)*  
Reid, M. J., Arinaminpathy, N., Bloom, A., Bloom, B. R., Boehme, C., Chaisson, R., Chin, D. P., Churchyard, G., Cox, H., Ditiu, L., Dybul, M., Farrar, J., Fauci, 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., Lo, N. C., Andrews, J. R.  
2019; 13 (5): e0007315
- **Identification of widespread antibiotic exposure in cholera patients correlates with clinically relevant microbiota changes.** *The Journal of infectious diseases*  
Alexandrova, L., Haque, F., Rodriguez, P., Marrazzo, A. C., Grembi, J. A., Ramachandran, V., Hryckowian, A. J., Adams, C. M., Siddique, M. S., Khan, A. I., Qadri, F., Andrews, J. R., Rahman, et al  
2019
- **Paediatric tuberculosis transmission outside the household: challenging historical paradigms to inform future public health strategies.** *The Lancet. Respiratory medicine*  
Martinez, L., Lo, N. C., Cords, O., Hill, P. C., Khan, P., Hatherill, M., Mandalakas, A., Kay, A., Croda, J., Horsburgh, C. R., Zar, H. J., Andrews, J. R.  
2019
- **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): 571–78
- **The global burden of typhoid and paratyphoid fevers: a systematic analysis for the Global Burden of Disease Study 2017.** *The Lancet. Infectious diseases*  
2019
- **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
- **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

- **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., Yoon, N., Coulibaly, J. T., Bendavid, E., Andrews, J. R., King, C. H.  
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., Andrade, B. B., Andrews, J. R., Christopher, D. J., Croda, J., Ewing, H., Haas, D. W., Hatherill, M., Horsburgh, C. R., Mave, V., Nakaya, H. I., Rolla, et al  
2018; 113: 153–62
- **Phase I of the Surveillance for Enteric Fever in Asia Project (SEAP): An Overview and Lessons Learned.** *The Journal of infectious diseases*  
Barkume, C., Date, K., Saha, S. K., Qamar, F. N., Sur, D., Andrews, J. R., Luby, S. P., Khan, M. I., Freeman, A., Yousafzai, M. T., Garrett, D.  
2018
- **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., Tanmoy, A. M., Andrews, J. R., Sajib, M. S., Yu, A. T., Baker, S., 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., Altamirano, J., Sarnquist, C. C., Maldonado, Y. A., Andrews, J. R.  
2018; 67 (suppl\_1): S26–S34
- **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., Dowdy, D. W., Mathema, B., Menzies, N. A., Salomon, J. A., Shrestha, S., Cohen, T.  
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., Hermans, S., Martinez, L., Schurr, E., van der Heijden, Y., Wood, R., Rustomjee, R., Kana, B. D.  
2018
- **Investigating spillover of multidrug-resistant tuberculosis from a prison: a spatial and molecular epidemiological analysis.** *BMC medicine*  
Warren, J. L., Grandjean, L., Moore, D. A., Lithgow, A., Coronel, J., Sheen, P., Zelnor, J. L., Andrews, J. R., Cohen, T.  
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., Rahman, N., Hossain, M., Bogoch, I. I., Vaidya, K., Kelly, M., Calderwood, S. B., Bhuiyan, T. R., Ryan, E. T., Qadri, F., Charles, R. C.  
2018
- **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., Andrews, J. R., Croda, J.  
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., Owusu-Dabo, E., Adu-Sarkodie, Y., Gassama Sow, A., Bassiahi, A. S., Gasmelseed, N., Keddy, K. H., Bjerregaard-Andersen, M., Konings, F., Aseffa, A., Crump, et al  
2018
- **Drivers of seasonal variation in tuberculosis incidence: insights from a systematic review and mathematical model.** *Epidemiology (Cambridge, Mass.)*  
Tedijanto, C., Hermans, S., Cobelens, F., Wood, R., 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., Addiss, D. G., Hefit-Neal, S., Andrews, J. R., Bendavid, E.  
2018; 12 (5): e0006500
- **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.  
2018; 8 (1): 997
- **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., Guo, Y. H., Nguyen, H. M., Sinuon, M., Sayasone, S., Lo, N. C., Zhou, X. N., Andrews, J. R.  
2018
- **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., Stanaway, J. D., Garrett, D. O., Bogoch, I. I., Luby, S. P., 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., Hossain, M., Akter, N. J., Alam, M. N., Sultana, N., Khanam, F., Kelly, M., Charles, R. C., Kováčik, P., Xu, P., Andrews, J. R., Calderwood, et al  
2018; 12 (3): e0006286
- **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)
- **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)
- **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
- **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): 496-99
- **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., Bern, C., Tamrakar, D., Wen, S., Madhup, S., Shrestha, R., Karmacharya, B., Amatya, B., Koju, R., Adhikari, S. R., Hohmann, E., 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
- **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., Ferreira da Silva, L., Cunha, E. A., Simonsen, V., Ferrazoli, L., Gomes, H. M., Gonçalves Vasconcellos, S. E., Suffys, P. N., Andrews, J. R., Croda, J.  
2017

- **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., Keiser, J., Bogoch, I. I.  
2017
- **Drivers of Tuberculosis Transmission.** *The Journal of infectious diseases*  
Mathema, B., Andrews, J. R., Cohen, T., Borgdorff, M. W., Behr, M., Glynn, J. R., Rustomjee, R., Silk, B. J., Wood, R.  
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., Randall, A., Dongol, S., Karkey, A., Voysey, M., Carter, M. J., Jones, C., Trappl, K., Pablo, J., Hung, C., Teng, A., Shandling, et al  
2017; 8: 1794
- **Optimization and Interpretation of Serial QuantiFERON Testing to Measure Acquisition of M. tuberculosis Infection.** *American journal of respiratory and critical care medicine*  
Nemes, E., Rozot, V., Geldenhuys, H., Bilek, N., Mabwe, S., Abrahams, D., Makhetha, L., Erasmus, M., Keyser, A., Toefy, A., Cloete, Y., Ratangee, F., Blauenfeldt, et al  
2017
- **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): 1468–71
- **Eosinophilic Meningitis Caused by Angiostrongylus cantonensis.** *ACS chemical neuroscience*  
Lv, S., Zhou, X. N., Andrews, J. R.  
2017
- **Mobile-phone and handheld microscopy for neglected tropical diseases.** *PLoS neglected tropical diseases*  
Rajchgot, J., Coulibaly, J. T., Keiser, J., Utzinger, J., 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
- **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
- **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
- **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
- **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
- **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)
- **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)
  - **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
  - **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
  - **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
  - **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., Sengnam, 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.  
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