

# Stanford

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## Yasuaki Yanagawa

Postdoctoral Scholar, Infectious Diseases

 Curriculum Vitae available Online

### CONTACT INFORMATION

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### Bio

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#### BIO

RNAseq for Entamoeba histolytica

#### HONORS AND AWARDS

- Encouraging Award in Honor of Hakoneyama, National Center for Global Health and Medicine (2021)
- Academic Encouraging Award in Honor of Shibasaburo Kitasato, The Japanese Association for Infectious Diseases (2021)

#### PROFESSIONAL EDUCATION

- Doctor of Medicine, Kanazawa University (2009)
- Doctor of Philosophy, Kumamoto University (2018)
- Ph.D., Kumamoto University, Medicine (2018)
- Fellowship, National Center for Global Health and Medicine, AIDS Clinical Center (2017)
- Senior Resident, National Center for Global Health and Medicine, General Infectious Diseases (2014)
- Junior Resident, Toyama Prefectural Central Hospital (2011)
- M.D., Kanazawa University, Medicine (2009)

#### STANFORD ADVISORS

- Upinder Singh, Postdoctoral Research Mentor
- Upinder Singh, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Amebiasis as a sexually transmitted infection: A re-emerging health problem in developed countries** *GLOBAL HEALTH & MEDICINE*  
Kawashima, A., Yanagawa, Y., Shimogawara, R., Yagita, K., Gatanaga, H., Watanabe, K.  
2023
- **Effectiveness of sitafloxacin monotherapy for quinolone-resistant rectal and urogenital Mycoplasma genitalium infections: a prospective cohort study** *JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY*

Ando, N., Mizushima, D., Takano, M., Mitobe, M., Kobayashi, K., Kubota, H., Miyake, H., Suzuki, J., Sadamasu, K., Aoki, T., Watanabe, K., Uemura, H., Yanagawa, et al  
2023

- **Effect of tenofovir-based HIV pre-exposure prophylaxis against HBV infection in men who have sex with men.** *Hepatology (Baltimore, Md.)*  
Mizushima, D., Takano, M., Aoki, T., Ando, N., Uemura, H., Yanagawa, Y., Watanabe, K., Gatanaga, H., Kikuchi, Y., Oka, S.  
2023; 77 (6): 2084-2092
- **Combination of Amoxicillin 3,000 mg and Probenecid versus 1,500 mg Amoxicillin Monotherapy for Treating Syphilis in Patients with HIV: an Open-Label, Randomized, Controlled, Non-Inferiority Trial.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Ando, N., Mizushima, D., Omata, K., Nemoto, T., Inamura, N., Hiramoto, S., Takano, M., Aoki, T., Watanabe, K., Uemura, H., Shiojiri, D., Yanagawa, Y., Tanuma, et al  
2023
- **Diversity and Plasticity of Virulent Characteristics of Entamoeba histolytica.** *Tropical medicine and infectious disease*  
Yanagawa, Y., Singh, U.  
2023; 8 (5)
- **Pharmacokinetics of Bictegravir in Older Japanese People Living with HIV-1.** *Microbiology spectrum*  
Kawashima, A., Trung, H. T., Watanabe, K., Takano, M., Deguchi, Y., Kinoshita, M., Uemura, H., Yanagawa, Y., Gatanaga, H., Kikuchi, Y., Oka, S., Tsuchiya, K.  
2023; 11 (2): e0507922
- **Gene expression of axenically-isolated clinical Entamoeba histolytica strains and its impact on disease severity of amebiasis.** *PLoS pathogens*  
Yanagawa, Y., Izumiyama, S., Saito-Nakano, Y., Nakada-Tsukui, K., Kobayashi, S., Yoshida, N., Kikuchi, Y., Gatanaga, H., Oka, S., Nozaki, T., Watanabe, K.  
2022; 18 (9): e1010880
- **Evaluation of the Detection of Pathogens in Hospitalized Patients with COVID-19 at a Tertiary Hospital in Japan** *JAPANESE JOURNAL OF INFECTIOUS DISEASES*  
Suzuki, M., Hayakawa, K., Asai, Y., Matsunaga, N., Terada, M., Ohtsu, H., Toyoda, A., Takasaki, J., Hojo, M., Yanagawa, Y., Saito, S., Yamamoto, K., Ide, et al  
2022; 75 (4): 419-422
- **Unmasking latent extrapulmonary tuberculosis with newly diagnosed HIV-1 infection in a COVID-19 patient with prolonged fever.** *Oxford medical case reports*  
Hirata, K., Watanabe, K., Sasaki, T., Yoshimasu, T., Shimomura, A., Ando, N., Yanagawa, Y., Mizushima, D., Teruya, K., Kikuchi, Y., Oka, S., Tsukada, K.  
2022; 2022 (7): omac079
- **<p>A four-year observation of HIV and sexually transmitted infections among men who have sex with men before and during pre-exposure prophylaxis in Tokyo</p>** *JOURNAL OF INFECTION AND CHEMOTHERAPY*  
Mizushima, D., Takano, M., Ando, N., Uemura, H., Yanagawa, Y., Aoki, T., Watanabe, K., Ishizuka, N., Oka, S.  
2022; 28 (6): 762-766
- **Identification of asymptomatic Entamoeba histolytica infection by a serological screening test: A cross-sectional study of an HIV-negative men who have sex with men cohort in Japan.** *PLoS neglected tropical diseases*  
Yanagawa, Y., Shimogawara, R., Takano, M., Aoki, T., Mizushima, D., Gatanaga, H., Kikuchi, Y., Oka, S., Yagita, K., Watanabe, K.  
2022; 16 (4): e0009793
- **The First Reported Case of Bordetella pertussis Bacteremia in a Patient With Human Immunodeficiency Virus Infection.** *Open forum infectious diseases*  
Wakimoto, Y., Otsuka, N., Yanagawa, Y., Koide, K., Kamachi, K., Shibayama, K., Teruya, K., Kikuchi, Y., Oka, S.  
2022; 9 (3): ofac020
- **Clinical Features and Gut Microbiome of Asymptomatic Entamoeba histolytica Infection.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Yanagawa, Y., Nagata, N., Yagita, K., Watanabe, K., Okubo, H., Kikuchi, Y., Gatanaga, H., Oka, S., Watanabe, K.  
2021; 73 (9): e3163-e3171
- **Efficacy of 1 g Ceftriaxone Monotherapy Compared to Dual Therapy With Azithromycin or Doxycycline for Treating Extragenital Gonorrhea Among Men Who Have Sex With Men.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Aoki, T., Mizushima, D., Takano, M., Ando, N., Uemura, H., Yanagawa, Y., Watanabe, K., Gatanaga, H., Kikuchi, Y., Oka, S.  
2021; 73 (8): 1452-1458
- **Anal human papillomavirus infection and its relationship with abnormal anal cytology among MSM with or without HIV infection in Japan.** *Scientific reports*

Shiojiri, D., Mizushima, D., Takano, M., Watanabe, K., Ando, N., Uemura, H., Yanagawa, Y., Aoki, T., Tanuma, J., Tsukada, K., Teruya, K., Kikuchi, Y., Gatanaga, et al  
2021; 11 (1): 19257

- **Modified self-obtained pooled sampling to screen for Chlamydia trachomatis and Neisseria gonorrhoeae infections in men who have sex with men.** *Sexually transmitted infections*  
Ando, N., Mizushima, D., Watanabe, K., Takano, M., Shiojiri, D., Uemura, H., Aoki, T., Yanagawa, Y., Kikuchi, Y., Oka, S., Gatanaga, H.  
2021; 97 (5): 324-328
- **External validation and update of prediction models for unfavorable outcomes in hospitalized patients with COVID-19 in Japan.** *Journal of infection and chemotherapy : official journal of the Japan Society of Chemotherapy*  
Yamada, G., Hayakawa, K., Asai, Y., Matsunaga, N., Ohtsu, H., Hojo, M., Hashimoto, M., Kobayashi, K., Sasaki, R., Okamoto, T., Yanagawa, Y., Katagiri, D., Terada, et al  
2021; 27 (7): 1043-1050
- **High prevalence of circulating dual-class resistant Mycoplasma genitalium in asymptomatic MSM in Tokyo, Japan.** *JAC-antimicrobial resistance*  
Ando, N., Mizushima, D., Takano, M., Mitobe, M., Miyake, H., Yokoyama, K., Sadamasu, K., Aoki, T., Watanabe, K., Uemura, H., Yanagawa, Y., Gatanaga, H., Oka, et al  
2021; 3 (2): dlab091
- **Performance of an enzyme-linked immunosorbent-based serological assay for Entamoeba histolytica: Comparison with an indirect immunofluorescence assay using stored frozen samples.** *Journal of infection and chemotherapy : official journal of the Japan Society of Chemotherapy*  
Watanabe, K., Yanagawa, Y., Gatanaga, H., Kikuchi, Y., Oka, S.  
2021; 27 (5): 736-739
- **Effectiveness of doxycycline 100 mg twice daily for 7 days and azithromycin 1 g single dose for the treatment of rectal Chlamydia trachomatis infection among men who have sex with men.** *The Journal of antimicrobial chemotherapy*  
Mizushima, D., Takano, M., Uemura, H., Yanagawa, Y., Aoki, T., Watanabe, K., Gatanaga, H., Kikuchi, Y., Oka, S.  
2021; 76 (2): 495-498
- **A case of SARS-CoV-2 infection in an untreated HIV patient in Tokyo, Japan.** *Journal of medical virology*  
Nakamoto, T., Kutsuna, S., Yanagawa, Y., Kanda, K., Okuhama, A., Akiyama, Y., Miyazato, Y., Ide, S., Nakamura, K., Yamamoto, K., Ohmagari, N.  
2021; 93 (1): 40-42
- **Near-chromosome level genome assembly reveals ploidy diversity and plasticity in the intestinal protozoan parasite Entamoeba histolytica.** *BMC genomics*  
Kawano-Sugaya, T., Izumiyama, S., Yanagawa, Y., Saito-Nakano, Y., Watanabe, K., Kobayashi, S., Nakada-Tsukui, K., Nozaki, T.  
2020; 21 (1): 813
- **Utility of the Rapid Antigen Detection Test E. histolytica Quik Chek for the Diagnosis of Entamoeba histolytica Infection in Nonendemic Situations.** *Journal of clinical microbiology*  
Yanagawa, Y., Shimogawara, R., Endo, T., Fukushima, R., Gatanaga, H., Hayasaka, K., Kikuchi, Y., Kobayashi, T., Koga, M., Koibuchi, T., Miyagawa, T., Nagata, A., Nakata, et al  
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- **Evaluation of Coronavirus Disease 2019 Severity Using Urine Biomarkers.** *Critical care explorations*  
Katagiri, D., Ishikane, M., Asai, Y., Kinoshita, N., Ota, M., Moriyama, Y., Ide, S., Nakamura, K., Nakamoto, T., Nomoto, H., Akiyama, Y., Miyazato, Y., Suzuki, et al  
2020; 2 (8): e0170
- **Phylogenetic position of Nyctotherus teleacus isolated from a tortoise (Astrochelys radiata) and its electron microscopic features.** *The Journal of veterinary medical science*  
Suzuki, J., Kobayashi, S., Yoshida, N., Azuma, Y., Kobayashi-Ogata, N., Kartikasari, D. P., Yanagawa, Y., Iwata, S.  
2020; 82 (6): 699-703
- **Two cases of endoscopically diagnosed amebic colitis treated with paromomycin monotherapy.** *PLoS neglected tropical diseases*  
Yamamoto, K., Yanagawa, Y., Oka, S., Watanabe, K.  
2020; 14 (3): e0008013
- **Seroprevalence of Entamoeba histolytica at a voluntary counselling and testing centre in Tokyo: a cross-sectional study.** *BMJ open*  
Yanagawa, Y., Nagashima, M., Gatanaga, H., Kikuchi, Y., Oka, S., Yokoyama, K., Shinkai, T., Sadamasu, K., Watanabe, K.  
2020; 10 (2): e031605

- **High prevalence and incidence of rectal Chlamydia infection among men who have sex with men in Japan.** *PloS one*  
Mizushima, D., Takano, M., Uemura, H., Yanagawa, Y., Aoki, T., Watanabe, K., Gatanaga, H., Kikuchi, Y., Oka, S.  
2019; 14 (12): e0220072
- **Case Report: Acute Amebic Colitis Triggered by Colonoscopy: Exacerbation of Asymptomatic Chronic Infection with *Entamoeba histolytica* Accompanied by Dysbiosis.** *The American journal of tropical medicine and hygiene*  
Yanagawa, Y., Arisaka, T., Kawai, S., Nakada-Tsukui, K., Fukushima, A., Hiraishi, H., Chigusa, Y., Gatanaga, H., Oka, S., Nozaki, T., Watanabe, K.  
2019; 101 (6): 1384-1387
- **Growth-promoting effects of the hydrogen-sulfide compounds produced by *Desulfovibrio desulfuricans* subsp. *desulfuricans* co-cultured with *Escherichia coli* (DH5#) on the growth of *Entamoeba* and *Endolimax* species isolates from swine.** *Bioscience trends*  
Yoshida, N., Kobayashi, S., Suzuki, J., Azuma, Y., Kobayashi-Ogata, N., Kartikasari, D. P., Yanagawa, Y., Iwata, S.  
2019; 13 (5): 402-410
- **Increases in *Entamoeba histolytica* Antibody-Positive Rates in Human Immunodeficiency Virus-Infected and Noninfected Patients in Japan: A 10-Year Hospital-Based Study of 3,514 Patients.** *The American journal of tropical medicine and hygiene*  
Yanagawa, Y., Nagata, N., Watanabe, K., Tsukada, K., Teruya, K., Kikuchi, Y., Gatanaga, H., Akiyama, J., Uemura, N., Oka, S.  
2016; 95 (3): 604-609