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CONTACT INFORMATION

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Bio

BIO

RNAseq for Entaoeba 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

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.
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- **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

- ** 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 ** *JOURNAL OF INFECTION AND CHEMOTHERAPY*
  Mizushima, D., Takano, M., Ando, N., Uemura, H., Yanagawa, Y., Aoki, T., Watanabe, K., Ishizuka, N., Oka, S.
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- **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.
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- **Anal human papillomavirus infection and its relationship with abnormal anal cytology among MSM with or without HIV infection in Japan.** *Scientific reports*

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- **Modified self-obtained pooled sampling to screen for Chlamydia trachomatis and Neisseria gonorrhoeae infections in men who have sex with men.** *Sexually transmitted infections*

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- **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

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- **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

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- **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.

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- **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*

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- **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.

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- **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.

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- **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*

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- **Evaluation of Coronavirus Disease 2019 Severity Using Urine Biomarkers.** *Critical care explorations*

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- **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.

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- **Two cases of endoscopically diagnosed amebic colitis treated with paromomycin monotherapy.** *PLoS neglected tropical diseases*

  Yamamoto, K., Yanagawa, Y., Oka, S., Watanabe, K.

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- **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.

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- **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.
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- **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.
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  Yanagawa, Y., Nagata, N., Watanabe, K., Tsukada, K., Teruya, K., Kikuchi, Y., Gatanaga, H., Akiyama, J., Uemura, N., Oka, S.
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