

Short bio-sketch

Reiko Miyahara, MD, MSc, PhD

Chief, International Research Unit, Center for Surveillance, Immunization, and Epidemiologic Research (CSIER), National Institute of Infectious Diseases (NIID)

Visiting associate professor, School of Tropical Medicine and Global Health, Nagasaki University

Email: rmiyahara@niid.go.jp / reiko5556@gmail.com

BIOSKETCH

I am chief of the International Research Unit, Center for Surveillance, Immunization, and Epidemiologic Research (CSIER), National Institute of Infectious Diseases (NIID). My major interest is in identifying risk factors for the spread of infectious diseases from the multidisciplinary aspects of host and human genetic, geographic, clinical, and social factors to provide effective and efficient control strategies. In my research career, I have been involved in research projects in Vietnam (2011-2014), The Gambia (2014-2015), and Thailand (2017-2019), and was a Takemi research fellow at the Harvard T.H. Chan School of Public Health from 2020 to 2022.

My research topics include respiratory infections, child health, tuberculosis (TB), dengue fever, and COVID-19.

I am currently engaged in COVID-19 research in Japan, TB research with the Thai Ministry of Public Health, and clinical research on hospital-based dengue fever in the Philippines and TB in The Gambia, in collaboration with Nagasaki University. I work with a range of international collaborators to improve the control of infectious diseases in public health settings.

Publication list

1. [Reiko Miyahara](#), Naho Tsuchiya, Ikkoh Yasuda et al. Familial Clusters of Coronavirus Disease in 10 prefectures, Japan, February-May 2020 (Emerging Infect Dis, 2021 Mar; 27(3))
2. Yuki Furuse, Eiichiro Sando, Naho Tsuchiya, [Reiko Miyahara](#) et al. Clusters of Coronavirus Diseases in Communities, Japan, January-April 2020 (Emerging Infect Dis, 2020 Sep; 26(9))
3. [Reiko Miyahara](#), Nat Smittipat, Tada Juthayothin, Hideki Yanai et al. Risk factors associated with large clusters of tuberculosis patients determined by whole-genome sequencing in a high-tuberculosis-burden country (Tuberculosis, Dec. 2020)
4. [Reiko Miyahara](#), Surakameth Mahasirimongkol, Hideki Yanai et al. Predicting the risk of pulmonary tuberculosis based on the neutrophil-to-lymphocyte ratio at TB screening in HIV-infected individuals. (BMC infectious diseases, 2019)
5. Nat Smittipat, [Reiko Miyahara](#), Hideki Yanai et al. Indo-Oceanic Mycobacterium tuberculosis strains from Thailand Associated with Higher Mortality (International Journal of Tuberculosis and Lung Diseases, 2019)
6. [Reiko Miyahara](#), Surachai Piyaworawong, Surakameth Mahasirimongkol et al. High tuberculosis burden among HIV-infected populations in Thailand due to a low-sensitivity tuberculin skin test" (Journal of Infection and Public Health, 2019)
7. [Reiko Miyahara](#), Motoi Suzuki, Masayuki Ishida et al. *Nosocomial outbreak of upper respiratory tract infection with β -lactamase-negative ampicillin-resistant non-typeable Haemophilus influenzae* (Infection Control & Hospital Epidemiology, 2018 accepted)

8. Reiko Miyahara, Kensuke Takahashi, Koya Ariyoshi and Michio Yasunami et al. *Impact of environmental tobacco smoking on hospitalization of children under 2 years in Vietnam* (Scientific Reports, 2017)
9. Reiko Miyahara, Momodou Jasseh, Anna Roca et al. *The large contribution of twins to neonatal and post-neonatal mortality in The Gambia, a 5-year prospective study* (*BMC pediatrics* 2016)
10. Reiko Miyahara, Momodou Jasseh, Anna Roca et al. *Barriers to timely administration of birth dose vaccines in The Gambia, West Africa* (*Vaccine* 2016)