

## Technical Review Panel Member

### Curriculum Vitae

Name: **Shinsuke Miyano**

Nationality: **Japan**

Additional languages: **English**

Expertise: **TB, HIV**

#### Qualifications

Qualification	Institution	Department	Year
Doctor of Philosophy	Tokyo Women's Medical University, Tokyo, Japan	Global Health and Tropical Medicine	2017
Master of Science	London School of Economics and Political Science, London, UK	Health Economics, Policy and Management	2014
Master of Science	Mahidol University, Bangkok, Thailand	Tropical Medicine and Infectious Diseases	2008
Doctor of Medicine	Fukushima Medical University, Fukushima, Japan	Medicine	2002

#### Employment History

Employer	Position	Place	Year
National Centre for Global Health and Medicine (NCGM)	Deputy Director (Global Health Policy and Research)	Japan	2021-Present
	Coordinator (Disease Control and Prevention Team)		

Japan International Cooperation Agency (JICA) Ministry of Health and Sports (MoHS), Myanmar	Technical Adviser (Infectious Disease Control and Laboratory Services : AMR, TB and HIV)	Myanmar	2019–2021
National Centre for Global Health and Medicine (NCGM)	Assistant Director (Health Policy and Research)	Japan	2018–2019
Kanazawa University	Visiting Lecturer (Global Health)	Japan	2016–2018
World Health Organization (WHO)	Technical Officer (HIV, STIs and Viral Hepatitis)	Papua New Guinea	2016–2018
World Health Organization (WHO)	Medical Officer (TB and Leprosy)	Papua New Guinea	2015–2016
National Centre for Global Health and Medicine (NCGM)	Team Lead (Communicable Disease Prevention and Control)	Japan	2013–2015
Japan International Cooperation Agency (JICA) Ministry of Health (MoH), Zambia	Project Leader (HIV Treatment and Care)	Zambia	2010-2013
International Medical Centre of Japan (IMCJ)	Medical Officer (Communicable Disease Prevention and Control)	Japan	2009-2010
Ministry of Health, Labour and Welfare (MHLW)	Program Manager (TB prevention and control)	Japan	2008-2009
International Medical Centre of Japan (IMCJ)	Physician (Pulmonology/Internal Medicine)	Japan	2002-2007

## Relevant Publications

- **Miyano S**, Vynnycky E, Pattamavone C, Ichimura Y, Mori Y, Nouanthong P, et al. Comparison of population-based measles-rubella immunoglobulin G antibody prevalence between 2014 and 2019 in Lao People's Democratic Republic: impacts of the National Immunization Program. *Int J Infect Dis*. 2023. Epub 20230207. doi: 10.1016/j.ijid.2023.01.044. PubMed PMID: 36758852.
- **Miyano S**, Pathammavong C, Ichimura Y, Sugiyama M, Phounphenghack K, Tengbriacheu C, et al. Prevalence of hepatitis B and C virus infections in Lao People's

Democratic Republic: The first national population-based cross-sectional survey. PLoS One. 2022;17(12):e0278933. Epub 20221230. doi: 10.1371/journal.pone.0278933. PubMed PMID: 36584043; PubMed Central PMCID: PMC9803141.

- **Miyano S**, Htoon TT, Nozaki I, Pe EH, Tin HH. Public knowledge, practices, and awareness of antibiotics and antibiotic resistance in Myanmar: The first national mobile phone panel survey. PLoS ONE 2022, 17(8): e027338
- Ichimura Y, Yamauchi M, Yoshida N, **Miyano S**, Komada K, Thandar MM, et al. Effectiveness of immunization activities on measles and rubella immunity among individuals in East Sepik, Papua New Guinea: A cross-sectional study. IJID Reg. 2022; 3:84-8. Epub 20220303. Doi: 10.1016/j.ijregi.2022.03.001. PubMed PMID: 35755474;
- Kitamura T, Bouakhasith V, **Miyano S**, et al. Vaccine temperature management in Lao People's Democratic Republic: A nationwide cross-sectional study. HELIYON, <https://doi.org/10.1016/j.heliyon.2021.e07342>.
- Nozaki I and **Miyano S**. The necessity of continuous international cooperation for establishing the COVID-19 diagnostic capacity despite the challenges of fighting the outbreak in home countries. Glob Health Med. 2020 Apr 30;2(2):145-147
- Vynnycky E, **Miyano S**, Komase K, et al. Estimating the immunogenicity of measles-rubella vaccination administered during a mass campaign in Lao People's Democratic Republic using multivalent seroprevalence data. Nature Scientific Reports 2019, 9, 12545.
- Okabayashi H, Komada K, Kidokoro M, Kitamura T, **Miyano S**, et al. Seroprevalence of mumps before the introduction of mumps-containing vaccine in Lao PDR: results from a nationwide cross-sectional population-based survey. BMC Res Notes. 2019, 12(1): 155.
- Hachiya M, **Miyano S**, Mori Y, et al. Evaluation of nationwide supplementary immunisation in Lao PDR: population-based seroprevalence survey of anti-measles and anti-rubella IgG in children and adults, mathematical modelling and stability testing of the vaccine. PLoS ONE 2018, 13(3):e0194931.
- **Miyano S**, Syakantu S, Komada K, et al. Cost-effectiveness analysis of the national decentralisation policy of the antiretroviral treatment programme in Zambia. BMC Cost Eff Resour Alloc 2017, 15:4.
- Xeuatvongsa A, Hachiya M, **Miyano S**, et al. Determination of factors affecting the vaccination status of children aged 12-35 months in Lao People's Democratic Republic. Heliyon. 2017, 3(3):e00265
- Okawa S, Chirwa M, **Miyano S**, et al. Longitudinal adherence to antiretroviral drugs for preventing mother-to-child transmission of HIV in Zambia. BMC Pregnancy and Childbirth 2015, 15:258.
- Ishikawa N, Shimbo T, **Miyano S**, et al. Health outcomes and cost impact of the new WHO 2013 guidelines for prevention of mother-to-child transmission of HIV in Zambia. PLoS ONE 2014, 9(3).
- **Miyano S**, Muvuma S, Ishikawa N, et al. Healthcare provision for patients infected with both HIV and tuberculosis in rural Zambia: an observational cohort study of primary care centres. BMC Health Services Research 2013, 13:397.
- **Miyano S**, Dube C, Kayama N, et al. Association between tuberculosis treatment outcomes and the mobile antiretroviral therapy programme in Zambia. Int J Tuberc Lung Dis 2013, 17(4):540-5.

- Sasaki Y, Kakimoto K, **Miyano S**, et al. Adherence to antiretroviral therapy (ART) during the early months of treatment in rural Zambia: influence of demographic characteristics and social surroundings of patients. *Ann Clin Microbiol Antimicrob* 2012, 11(1):34-9.
- Ishikawa N, **Miyano S**, Sikazwe I. Efficacy and safety of an extended nevirapine regimen in infant children of breastfeeding mothers with HIV-1 infection for prevention of postnatal HIV-1 transmission (HPTN046): a randomised, double-blind, placebo-controlled trial. *Lancet* 2012, 379(9828):1787-8.
- **Ishikawa N, Shimbo T, Miyano S. Costing Tool for Elimination Initiative (CTEI) From costing to planning: a tool to support the initiative for elimination of new paediatric HIV infections and congenital syphilis and improvement of the health and survival of mothers and infants. National Centre for Global Health and Medicine (NCGM), Asia-Pacific United Nations Task Force for the Prevention of Parents-to-Child Transmission of HIV, and Pan American Health Organization (PAHO), 2011. Available: <http://www.eptctasiapacific.org/funding-resource-needs>**
- **Miyano S.** The concepts of national standards for tuberculosis care. In: National standards for tuberculosis care. Tokyo, Japan: Japan Anti-Tuberculosis Association (JATA) press 2009, Chapter 1.
- **Tamiya H, Satoshi H, Miyano S, et al. A case of repeated haemoptysis successfully treated with bronchial artery embolization with N-butyl cyanoacrylate. J Jap Resp Soc 2009, 47(5): 427-431.**
- **Miyano S, Izumi S, Takeda Y, et al. Pulmonary tumour thrombotic microangiopathy. J Clin Oncol 2007, 25:597-9.**
- **Ito K, Kubota K, Miyano S, et al. FDG-PET/CT finding of high uptake in pulmonary alveolar microlithiasis. Ann Nucl Med 2007, 21: 415-418.**
- **Miyano S, Hanabusa H.** The effectiveness of concomitant administration of influenza vaccine and pneumococcal vaccine. *Home Care Medicine* 2006, 6:25-9.
- **Miyano S, Kawana A.** Management of immunosuppressed patients with pneumonia. *Medicina* 2005, 42:1727-9.
- **Miyano S.** The finding of respiratory infectious diseases in chest X-rays and CT scans. *The Journal of Japanese Association of Radiological Technologists (JART)* 2005, 52:543-5.

### Additional Information

- Young Professional Research Award: Operational research on TB/HIV in Zambia, Japanese Association for International Health (2015)
- Short-term consultancy
  - Government representative member at the Extraordinary Meeting of the Strategic Advisory Group of Experts on Immunization/COVID-19 Vaccine (WHO, 2022)
  - Regional validation expert member of Elimination of Mother-to-Child Transmission (EMTCT) of HIV and Syphilis in Malaysia: WHO, Western Pacific Regional Office (2022)
  - Development of the national guidelines and operational plans for HIV, STIs and HBV treatment and care in Papua New Guinea: WHO, Papua New Guinea (2018)

- Regional validation expert member of Elimination of Mother-to-Child Transmission (EMTCT) of HIV and Syphilis in Malaysia: WHO, Western Pacific Regional Office (2018)
- Humanitarian aid for the post-earthquake recovery of HIV/STI and other communicable disease services in the Highlands, Papua New Guinea: UNAIDS, Papua New Guinea (2018)
- Assessment of the financial sustainability of Expanded Program for Immunization (EPI) upon the introduction of new vaccines in Lao PDR: WHO, Western Pacific Regional Office (2014)
- External reviewer of the 5<sup>th</sup> mid-term review of the National HIV Strategic Plan (2011-2016) in the Philippines: WHO, Western Pacific Regional Office (2013)
- Technical adviser for a Japanese government grant aid project in the Philippines: JICA Headquarter (2009)
- Technical assistance in the workshop on HIV and RMNCH linkage in the WPRO countries: WHO, Western Pacific Regional Office (2009)