

## Project for introducing HTLV-1 rapid diagnostic test kit and supporting infection control measure in Brazil and Peru Year 1 of a 3-Year Plan

- Project objective** : To introduce Japanese HTLV-1 rapid diagnostic test kits to Brazil and Peru, aiming to establish and strengthen testing systems while supporting infection control measures, with a particular focus on preventing mother-to-child transmission.
- Project overview** : This project is a collaborative effort involving the Japan Institute for Health Security (JIHS), the National Institute of Infectious Diseases (NIID), St. Marianna University School of Medicine, Fujirebio Inc., and Nagasaki University Hospital. Working with the Ministries of Health and universities in the target countries, the project will implement the introduction of Japanese HTLV-1 rapid diagnostic kits and provide relevant training. Additionally, health ministry officials or lead medical professionals from Brazil and Peru will be invited to Japan for training on Japanese infection control practices, progress reporting, and lectures.
- Project outcomes and goals** :
  - This project will verify that the prevention of mother-to-child transmission using the Japanese HTLV-1 rapid diagnostic kit can be smoothly integrated into existing healthcare systems.
  - The kit will be reflected in national clinical guidelines and utilized as a standard test during prenatal screenings
  - The training curriculum and materials developed through this project will be officially accredited by the respective Ministries of Health and academic societies.
  - Furthermore, medical professionals trained under this initiative will serve as instructors, ensuring the continuity of training programs for nationwide expansion.

