

Results report

1. Title of Research and Development : Identification of unknown pathogens and establishment of on-site rapid diagnostic system for viral infectious diseases in Gabon
2. Principal Investigator : Jiro Yasuda (Professor, Institute of Tropical Medicine, Nagasaki University)
3. Counterpart Principal investigator : Bertrand Lell (Co-director, Center of Medical Research Lambarene (CERMEL), (Gabon Republic))
4. Results of Research and Development:

This year was a preparation term for startup of the research project with a provisional contract. During this term, we visited to Center of Medical Research Lambarene (CERMEL) three times (August and September-October, 2015 and February, 2016) and discussed about the research subjects in detail and the laboratory equipment which will be introduced to CERMEL. In addition, we requested the cooperation on this project to the relevant ministries of Gabon republic. On February 10, 2016, Nagasaki University concluded MOU of this research project with CERMEL.

Furthermore, we obtained the information on recent epidemiological surveillance of viral diseases in Gabon from National Institute of Epidemiology (IELCE). Based on the information, we temporally chose Dengue, Chikungunya, Yellow fever, Zika, Influenza, Lassa, Rift Valley fever, Crimean-Congo hemorrhagic fever and Ebola viruses as targets should be surveyed.