Collaborative Research Center for
Emerging and Reemerging Infectious Diseases (CRC-ERID)

Indonesia - Japan Collaboration

Dengue Study Group

Personel

Indonesian site

1. Prof. Dr. Soegeng Soegijanto, MD., Peditrician
2. Prof. Dr. Sri Subekti Bendryman, DVM., DEA.
3. Mr. Kris Cahyo Mulyatno
4. Mrs. Siti Churrotin
5. Mr. Teguh Hari Sucipto
6. Mr. Ilham Harlan Amarullah

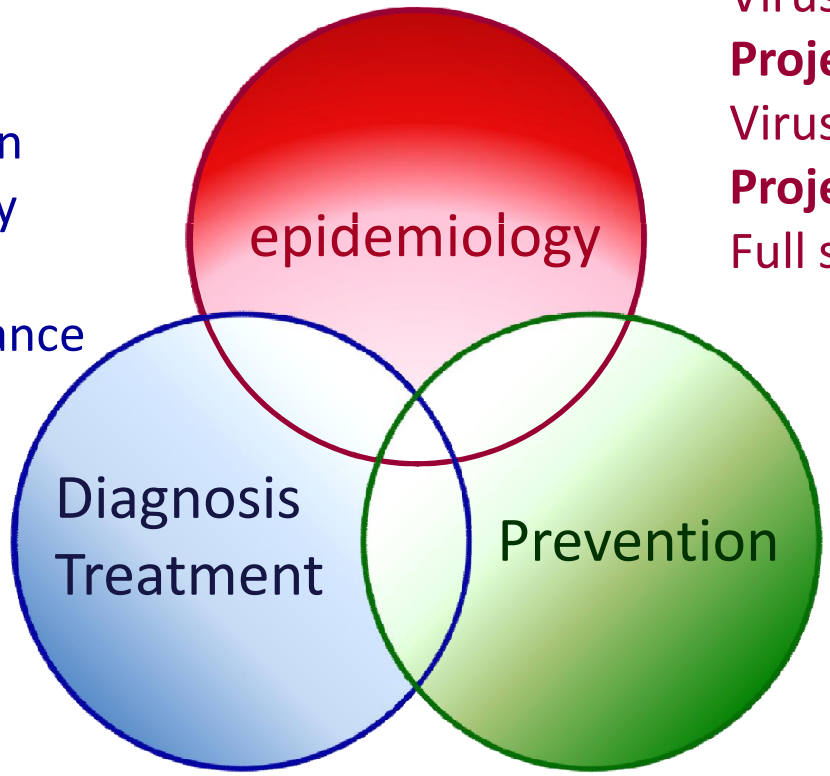
Japanese site

1. Masanori Kameoka, PhD.
2. Tomohiro Kotaki, PhD.
3. Mr. Shuhai Ueda

Research Focus

Project 1.
Virus isolation in Surabaya
Project 2.
Virus isolation in other regions
Project 3.
Virus isolation from mosquitoes
Project 4.
Full sequence of dengue virus

Project 5.
Antiviral evaluation
Project 6.
Generation of human monoclonal antibody
Project 7.
ADE activity survaillance
Sero-epidemiology



Project 8.
Vector control study

Virus isolation in Indonesia

Publications

1. Yamanaka, et al., 2010, **Prevalence of antibodies to japanese encephalities virus among pigs in Bali and East Java, Indonesia, 2008**, *Jpn. J. Infect. Dis.,* No. 63, page 58-60
2. Yamanaka, et al., 2011, **Displacement of the predominant dengue virus from type 2 to 1 with a subsequent genotype shift from IV to I in Surabaya, Indonesia 2008-2010**, *Plos one*, Vol. 6, page 1-8
3. Mulyatno, et al., 2012, **Primary isolation and phylogenetic studies of chikungunya virus from Surabaya, Indonesia**, *Jpn. J. Infect. Dis.,* No. 65, page 92-94
4. Mulyatno, et al., 2012, **Vertical transmission of dengue virus in Aedes a egypti collected in Surabaya, Indonesia, during 2008-2011**, *Jpn. J. Infect. Dis.,* Vol. 65, page 274-276
5. Yamanaka, et al., 2012, **Dengue virus infection-enhancing and neutralizing antibody balance in children of the Philippines and Indonesia** , *Microbes. Infect.*, No. 14, page 1152-1159
6. Kotaki, et al., 2014, **Phylogenetic analysis of dengue virus type 3 strains primarily isolated in Surabaya, Indonesia, in 2013**, *Jpn. J. Infect. Dis*., No. 67., page 227-229
7. Yamanaka, et al., 2013, **Correlation between complement component leverls and disease severity in dengue patients in Indonesia,** *Jpn. J. Infect. Dis.,* No. 66, page 366-374

Publications

8. Kotaki, et al., 2014, **Continuous Dengue Type 1 Virus Genotype Shifts Followed by Co-Circulation, Clade Shifts and Subsequent Disappearance in Surabaya, Indonesia, 2008-2013,** *Infection, Genetics and Evoluation*, No. 28, page 48-54
9. Okabayasi, et al., 2015, **Detection of chikungunya virus antigen by a novel rapid immunochromatographic test**, *J. Clin. Microbiol.*, No. 53, page 382-388
10. Kotaki, et al., 2016, **Divergence of the Dengue Virus Type 2 Cosmopolitan Genotype Associated with Two Predominant Serotype Shifts between 1 and 2 in Surabaya, Indonesia, 2008-2014**, *Infection, Genetics and Evoluation*, No. 37, page 88-93
11. Churrotin, et al., 2016, **Dengue Virus Type 1 Strain Isolated in Indonesia Shows a Close Phylogenetic Relationship with the Strains that Caused the Autocthonous Dengue Outbreak in Japan in 2014**, *Jpn. J. Infect. Dis*., No. 69, page 1-3
12. Sucipto, et al., 2016, **Immunofluorescence Assay Method to Detect Dengue Virus in Paniai-Papua,** *AIP Conference Proceedings*, 1718, page 040001-040004
13. Mulyatno, et al., 2012, **Resistance of Aedes aegypti (L..) larve to temephos in Surabaya, Indonesia,** *Southeast Asian J. Trop. Med. Public Health,* No. 43, page 29-33