

Curriculum Vitae



I. Personal data

- Name : David Handojo Muljono MD, SpPD-FINASIM, PhD
- Place, date of birth : Magelang, Indonesia, 30 March 1954
- Position/Affiliation : - Head of the Department of Hepatitis and Emerging Diseases,
Eijkman Insitute for Molecular Biology
- Academy Professor Indonesia in Life Sciences
- Honorary Associate Professor, Sydney Medical School, University
of Sydney
- Office : Eijkman Institute for Molecular Biology,
Jl. Diponegoro 69, Jakarta 10430, Indonesia.
- Home : Jl. Gading Kirana Timur III/A5 No. 12A, Jakarta 14250, Indonesia.

II. Education

Undergraduate and Post graduate

1. Medical Doctor: Faculty of Medicine, Airlangga University, Surabaya, Indonesia (1974-1981)
2. Specialty Training: Department of Internal Medicine, Airlangga University, Surabaya, Indonesia (1988-1993)
3. PhD Program: Division of Immunology and Molecular Virology, Jichi Medical University. Tochigi-Ken, Japan (1996 – 2000)

Professional/Non-degree Program :

1. Technology of Monoclonal Antibody, Department of Infectious Diseases, University of Sydney, Sydney, Australia, 1989
2. Other trainings in medicine, medical science, and molecular biology.

III. Work Experience: Official designations

1. Head Public Health Centre, Wera Timur, Bima, Indonesia, 1981 - 1983
2. Head, Division of Mother-and-Child Health, Nutrition and Immunization, West Lombok Regency Health Office, Lombok, Indonesia, 1983-1988
3. Research Fellow –West Nusa Tenggara Hepatitis Laboratory, Mataram, Indonesia, 1984-1988
4. Field official of the WHO Task Force on the “WHO Neonatal Hepatitis B Immunization Project in Lombok Island, Indonesia” (1988-1992)
5. Research Fellow - Tropical Disease Research Centre (TDRC), Airlangga University, Surabaya, Indonesia, 1993-1994
6. Senior Research Fellow and Head of the Hepatitis Unit, Eijkman Institute for Molecular Biology, Jakarta, Indonesia, 1995 – present
7. Head of Hepatitis Laboratory, Eijkman Institute for Molecular Biology, Jakarta, Indonesia, 1999 – present
8. Head of Emerging Infectious Diseases Laboratory, Eijkman Institute for Molecular Biology, Jakarta, Indonesia, 2006 – present

IV. Academic and Research Activities:

1. Expert Panel of ‘Pembinaan Iptek Kedokteran’ (Competitive Grant Grant for Medical Science), Ministry of Research and Technology (1998-2002), and Ministry of health (2003–2010)
2. Research Supervisor, Postgraduate (Master and PhD) Program, Faculty of Medicine, University of Indonesia (2006-present)
3. Research Supervisor, PhD Program, Utrecht Medical University, The Netherlands, in collaboration with Eijkman Institute, Indonesia (2006-present)
4. Research Supervisor, PhD Program in Molecular Biomedicine, University of Trieste, Italy (2008-2011)
5. Research Supervisor, Post-Graduate Program, Monash University, Australia, in collaboration with Eijkman Institute, Jakarta, Indonesia (2009-present)
6. Selected as an Academy Professor Indonesia (July 2011)
7. Appointed as Honorary Associate Professor, Sydney Medical School, University of Sydney, Australia (September 2011).
8. Elected as a Fellow in the Indonesian Society of Internal Medicine (FINASIM) (October 2011)
9. Invited speakers in numerous professional and scientific meetings on Molecular Medicine, Hepatology/Hepatitis, Mitochondrial Medicine, Emerging Infectious Diseases.

V. Collaborative Activities

1. National Working Group for Hepatitis, Ministry of Health (2002-present)
2. Consultant to Bio Farma (Government Vaccine Manufacturer), Bandung, Indonesia (2009 -present)
3. Delegate of for WHO Executive Board session (2010) dan World Health Assembly (WHA) session (2010-2011)
4. National Committee for Assessment and Research of *Emerging and Reemerging Diseases* (Komnas Pinere), Ministry of Health, 2010 – present
5. Senior Consultant to USAID for Five Years' Strategic Plan for Surveillance and Research on Influenza at the Human and Animal Interface, 2010
6. Delegate of the Republic of Indonesia for Melbourne Declaration: "Strategies in Preventing Perinatal Transmission of Hepatitis B" and Member of WHO Consultation Team for 'Best Practices and Tools for Preventing Perinatal Hepatitis B Transmission, Melbourne, Australia, 7-8 Desember, 2010
7. Delegate of the Republic of Indonesia at WHO Open Ended Working Group (OEWG) on Pandemic Influenza Preparedness (PIP) and Benefit Sharing (May 2011)
8. Chairman of Preparation Team for WHO Collaborating Center on Influenza di Indonesia, 2011-present
9. Chairman of the Indonesia National Expert Committee of Hepatitis, 2012

V. Achievements

1. Clinical and laboratory assessment of cretin and endemic goiter discovered in Lombok in 1988, that was adopted by the Ministry of Health to start a Public Health intervention to iodine deficiency and endemic goiter (Awarded by the Indonesian Medical Association: Medika Awards 1999)
2. Discovery of two novel genotypes of non-A-to-G hepatitis 'TT virus" and their epidemiology in Indonesia (Dissertation Award)
3. Development of diagnosis and confirmation system of Influenza A/H5N1 virus, and strategy for whole genome sequencing and analysis of Influenza A/H5N1 and Pandemic A/Mexican/H1N1 viruses of isolates from Indonesia (together with research team in the Memerging Diseases Laboratory, Eijkman Insitute). The WHO assessment team in 2007 made a recommendation that diagnosis results of H5N1 specimens by the Indonesian Ministry of Health in collaboration with the Eijkman Institute could be acceptable by the WHO without further confirmation by a WHO Reference laboratory.
4. Delegate the Republic of Indonesia to the WHO, initiating and drafting the resolution for comprehensive prevention of viral hepatitis, together with delegation from Brazil and Columbia in the WHO Exeutive Boart Session, January 2010. The initiative was adopted as the World Health Assembly (WHA) Resolution 63.18 on Viral Hepatitis, May 21, 2010. http://apps.who.int/gb/or/e/e_wha63r1.html

5. Drafting the Melbourne Declaration – “A Call for the Consideration of All Available Strategies in Preventing Perinatal Transmission of Hepatitis B, on December 7-8, 2010”, together with representatives from the WHO Member States from Asia-Pacific [to be published as a WHO monograph],

VI. Recognition/Award

1. MEDIKA Award (Journal Article Award for 1989 given by the Indonesian Medical Association)
2. Ronpaku Award – Gold medal (Dissertation Award given by The Japanese Society for the Promotion of Science/JSPS, 2000)
3. Ksatria Bakti Husada Kartika (Distinction Award given by the Indonesian Ministry of Health, Indonesia, 2011, in recognition to the devotion to health)

VI. Professional Organization:

1. Indonesian Medical Association
2. Indonesian Society of Internal Medicine
3. Indonesian Association for the Study of the Liver (InaASL)
4. Asia Pacific Association for the Study of the Liver/APASL (Anggota)
5. European Association for the Study of the Liver/EASL
6. American Association for the Study of the Liver/AASLD
7. International Liver Cancer Association /ILCA

VII. Journal Editorial Board and Reviewer:

- Journal of Hepatology (Reviewer)
- Journal of Medical Virology (Reviewer)
- Medical Journal of Indonesia (Reviewer)
- Jurnal Penyakit Tidak Menular Indonesia (Reviewer)
- World Journal of Gastroenterology (Associate Editor-in-Chief)
- Current Pharmacogenomics and Personalized Medicine (CPPM – Editorial Board)
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VIII. Selected Publication

1. **Muljono DH**, Karyono W, Gde Ditrajaya, S. Gunawan, and Soewignjo. Prostitutes as a high risk group of acquiring HBV infection. Acta Medica Indonesiana 20 : 25-32, 1988.

2. Gomeus Effendy, **David Handojo Muljono**, Sulastini, Muljanto, Leo Suharjono, and Soewignjo. Lepromatous Leprosy Patients as Probable Sources of Hepatitis B Virus Infection. *Acta Medica Indonesiana* 20 : 37-43.
3. **David Handojo Muljono**, Herry Purbayu, Karyono W, and Soewignjo. Clinical and Laboratory Observation in Cretin and Endemic Goitre in Northern Lombok Island after Lipiodol Injection. *Medika* 10 : 942 - 951, 1988. (**MEDIKA AWARD 1989**).
4. **David Handojo Muljono** and Achmad Hassan. Interferon and Hepatitis B. *Surabaya Journal of Internal Medicine* 16:193-204, 1992.
5. **David Handojo Muljono** and Mariani Budisantoso. Hemorheology and Coronary Heart Disease. *Surabaya Journal of Internal Medicine* 18: 134 - 148, 1993.
6. Ratna Setianingsih, **David Handojo Muljono**, Yulita Indriati, Soewignjo. Prevalence of Hepatitis B Virus Marker in Patients after Oral and Tooth Treatment in Mataram. *Medika* 10 : 783-792, 1991.
7. **David Handojo Muljono**. Role of Hepatitis B and Hepatitis C Virus Infection in Liver Disease at Dr. Soetomo Hospital, Surabaya. [Thesis for Specialist Program, 1993].
8. **Mulyono DH**, Nishizawa T, Tsuda F, Takahasi T and Okamoto H. Molecular epidemiology of TT virus (TTV) and characterization of two novel TTV genotypes in Indonesia. *Arch Virol* 146:1249-1266, 2001.
9. **Muljono DH** and Soemohardjo S. Hepatitis B virus molecular diversity in Indonesia. *Adv Exp Med Biol.* 2003;531:163-76.
10. Wibawa IGN, **Muljono DH**, Mulyanto, Suryadarma IGA, Tsuda F, Takahashi M, Nishizawa T and Okamoto5 H. Prevalence of Antibodies to Hepatitis E Virus Among Apparently Healthy Humans and Pigs in Bali, Indonesia: Identification of a Pig Infected With a Genotype 4 Hepatitis E Virus *J Med Virol* 73:38–44, 2004
11. Khan M, Dong JJ, Acharya SK, Dhagwadorj Y, Abbas Z, Jafri sm W, **Mulyono DH**, Tozun N and Sarin SK. Hepatology Issues in Asia: Perspectives from Regional Leaders. *J Gastroenterol hepatol* 19:S419-S430, 2004
12. Sukowati CHC, Thedja MD, Nurainy N, **Muljono DH**. Molecular Characteristic of Hepatitis B Virus Genotypes in Cirrhosis and Hepatocellular Carcinoma. *Hepatology Int* 2007;1:3 (O-004).
13. Sukowati CHC, Thedja MD, Trimarsanto H, **Muljono DH**. Identification of HBV Genotype B and C using Dual Color Taqman Hydrolysis Probe. *Hepatology Int* 2007;1:118 (P-0257).
14. **Muljono DH**. Biologi Molekuler Virus Hepatitis B. In: Sulaiman A, Akbar N, Lesmana LA, Noer HMS, Eds. *Buku Ajar Ilmu Penyakit Hati*. Jakarta: Jayabadi, 2007, pp. 237-43
15. **Muljono DH**. Biologi Molekuler Virus Hepatitis C. In: Sulaiman A, Akbar N, Lesmana LA, Noer HMS Eds. *Buku Ajar Ilmu Penyakit Hati*. Jakarta: Jayabadi–2007, pp. 245-8

16. Nurainy N., D.H. **Muljono**, H. Sudoyo, and S. Marzuki. Genetic Study Of Hepatitis B Virus In Indonesia Reveals A New Subgenotype of Genotype B In East Nusa Tenggara. *Arch Virol* 2008;153:1057–1065.
17. **Muljono D.H.** Antiviral Resistance in Chronic Hepatitis B. *Hepatol Int* 2008; DOI 10.1007/s12072-007.
18. Thedja MD, Roni M, Harahap AR, Siregar NC, Ie SI, **Muljono DH.** Occult hepatitis B in blood donors in Indonesia: altered antigenicity of the hepatitis B virus surface protein. *Hepatol Int* 2010; 4:608–614
19. Ie SI, Thedja MD, Roni M, **Muljono DH.** Prediction of Conformational Changes by Single Mutation in the Hepatitis B Virus Surface Antigen (HBsAg) Identified in HBsAg-Negative Blood Donors. *Virol J.* 2010; 7:326
20. Thedja MD, **Muljono DH,** Nurainy N, Sukowati CH; Verhoef J, Marzuki S. Ethnogeographical structure of hepatitis B virus genotype distribution in Indonesia *Arch Virol* 2011; DOI: 10.1007/s00705-011-0926-y.
21. Ozdemir V, **Muljono DH,** Pang T, Ferguson LR, Manamperi, Samper S, Someya T, Tassé AM, Tsai SJ, Zhou HH, Lee EJD. Asia-Pacific Health 2020 and Genomics without Borders: Co-Production of Knowledge by Science and Society Partnership for Global Personalized Medicine. *Curr Pharmacogenomics Person Med* 2011; 9 (1): 1-5.