

## CURRICULUM VITAE



### I. PERSONAL INFORMATION

1.1.	Full name	Prof.Dr. Rahaju Ernawati MSc. Drh
1.2.	Rank	Senior lecturer
1.3.	Positions	Member of Perhimpunan Dokter Hewan Indonesia (PDHI) Member of Badan Pertimbangan Fakultas (BPF) 2007- at present
1.4.	Address	Office; Fakultas Kedokteran Hewan Unair Kampus C Jln. Mulyorejo Surabaya Home: Jln. Sutorejo Tengah XII/26 Surabaya
1.5.	Telephone/Fax	031 5992765
1.6.	E-mail	<a href="mailto:rahajuernawati@gmail.com">rahajuernawati@gmail.com</a>

### II. EDUCATIONAL BACKGROUND

2.1. Program:	Bachelor	Master	Doctoral
2.2. University	Airlangga University (1970 -1976)	University Pertanian Malaysia (1980 - 1983)	Airlangga University (1999 - 2004)
2.3. Discipline	Veterinary Medicine	Virology veteriner	Virology molecular

### III. AWARDS

Number	Years	Name of Awards	From
1.	2004	Piagam Tanda Kehormatan Republik Indonesia .Satya Lencana Karya Sakti 20 tahun	Presiden Republik Indonesia
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#### IV. ACADEMIC SERVICES

Teaching:

Undergraduate

1. Microbiologiveteriner II (virologi)
2. I.P. Infeksius II (IP Viral)
3. Imunologi veteriner
4. Koasistensi mikrobiologi

Master and Doctoral level

1. Mikrobiologi lanjut
2. Penyakit strategis
3. Teknologi vaksin
4. Teknologi adjuvan
5. Penyakit Infeksius Unggas
6. Molekuler virologi

Graduated Advisees:

Advising:

#### V. RESEARCH INTERESTS

**Microbiology molekuler**

#### VI. RESEARCH EXPERIENCE

No.	Years	Title	Funding	
			Sources	Amount (in Rupiah)
1	2001	Identifikasi, Karakterisasi dan Ekspresi Protein Imunogen Virus Infeksius Bursal Isolat Indonesia sebagai Bahan Vaksin Sub Unit	DCRG - URGE	125.000.000
2	2003-2005	Kloning dan Ekspresi Gen Penyandi Protein Virus Infeksius Bursal Isolat Indonesia Sbg Bhn Vaksin Sub unit	DP3M-PHB XI	105.000.000
3	2006	Potensi Kaporit Sbg Desinfektan Virus AI (Flu Burung)	PT. Ciwi Kimia	125.000.000

4	2006	Efek Antiviral Kain Flutect thd Virus AI H5N1	PT Mertex	35.000.000
5	2007.	Kajian burung migrasi sumber penularan terhadap penyebaran wabah flu burung	Research grant IM HERE	10.000.000
6	2009	Molekuler dan Surveillance virus AI H5N1 terhadap potensial reservoir dikota Surabaya ; suatu analisis potensi penyebaran dan upaya antisipasi	Stragnas 2009	100.000.000
7	2011	Kandidat vaksin Flu Burung H5N1 Bagi Ternak Ayam Isolat asal Jatim	Research Grant IM HERE	10.000.000
8	2012	Reaktivitas protein neuraminidase beberapa virus Avian Influenza isolat lokal terhadap antibodi ayam hasil vaksinasi sebagai upaya pembuatan kit diagnostik	RKAT	10.000.000
9	2014	Efektivitas Anti HA ekstrak antibodi asal kuning telur sebagai bahan seroterapi pada ayam terhadap virus Avian Influenza subtype H5N1	DIPA DITLITABMAS	61.000.000
10	2015	Karakterisasi dan Identifikasi virus Avian Influenza Pada beberapa Jenis Burung Yang Ditangkarkan DI Taman Safari Indonesia II Prigen Jawa Timur	RKAT	10.000.000
11	2015	Ekspresi imunoglobulin chimera pada mesenchimal stem cell sbg vaksin pasif dan diagnostik infeksi virus dengue	SIMLITABMAS DIKTI	60.000.000

## VII. PUBLIC SERVICES EXPERIENCE

No.	Years	Title	Funding	
			Sources	Amount (i Rupiah)
1	2013	Pemberdayaan Peternak Itik Terhadap Penyakit AI di Kecamatan Tembalang Kab. Jombang	BPOPTN	10.000.000
2	2014	Pemberdayaan Masyarakat Petani Ternak dalam Peningkatan Kesehatan Terhadap Penyakit Brucella melalui Vaksinasi dan Pemeriksaan Serologis	BPOPTN	10.000.000

3	2015	Pemberdayaan Masyarakat Terhadap Pengembangan Ayam Buras Secara Intensif dan Peningkatan Kewaspadaan Terhadap Flu Burung Di Sekitar Taman Safari II Prigen Kabupaten Pasuruan	RKAT dan BPOPTN	10.000.000
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### VIII. ACADEMIC PUBLICATIONS

No.	Year	Title	Volume (Issue)	Journals
<b>A. International Journals – Published</b>				
1.	1984	Newcastle Disease Vaccine Study in Malaysia . Application of oil Emulsion Vaccine	115 : 352-354	Veteinary Record
2.	1984	Vaccination Studies with Oil Emulsion Newcastle Disease Prepared From a Selected Clone UPM-AC 2 (Mukteswar ) Strain	2:48-53	Tropical Veterinarian
3.	1983	The Eficacy Of Inactivated Oil Emulsion Newcastle Disease Vaccine	Thesis Master	University Pertanian Malaysia
<b>B. National Journals – Published</b>				
1.	1999	Pengaruh Vaksinasi Gumboro terhadap jumlah Plasmasit Bursa Fabrisius dan Titer Antibodi Serum	15:1	Media Kedokteran Hewan
2.	2000	Perbandingan Uji HI dan ELISA untuk Mengukur Maternal Antibodi Newcastle Disease pada Anak Ayam	16:1	Media Kedokteran Hewan
3	2002	Kultur Fibroblas Embrio Ayam sbg Wahana Hibrid Limfosit B dan Sel Myeloma Mencit dalam Inkubator Tanpa CO2	18:1	Media Kedokteran Hewan
4	2004	Sintesis dan cloning Gen Penyandi Protein Virus Infeksius Bursa Isolat Lokal	20:3	Media Kedokteran Hewan
5	2004	Karakterisasi Molekuler dan Immunogenitas Protein Kapsid Virus Infeksius Bursa Isolat Lokal	Tesis Doktor	Fakultas Pasca Sarjana Unair
6	2006	Uji Immunogenitas protein rekombinan VP2 Virus Infeksius Bursa Pada Ayam.	22:2	Media Kedokteran Hewan
7	2015	Kemampuan Adaptasi Dan Stabilitas Antigen Virus ND Isolat Lokal Pada Kultur Sel Hela	8:3	Veterinaria Medika

<b>C.</b>	<b>Under Review</b>		
1.			
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<b>D.</b>	<b>International Conferences</b>		
1	1983	Preparation of Oil Emulsion Newcastle Disease Vaccine From Selected Clone UPM-AC2 (Mukteswar ) Strain	Congres. The Asian Australian Association of Animal Production Sociates Congres. Univ.of Philipines , Los Banos. 10-13 Nov
2	2009	The Efficacy Of Recombinant VP2 Infectious Bursal Disease Local Isolate As A Candidate Vaccine	International Conference On Animal Health & Human Safety. Putrajaya, Malaysia 6-8 December 2009
3	2010	Sero-Surveillance Of Influenza Virus H5N1 On Avian (Chicken And Duck) In Several Traditional Markets Of Surabaya	Strategies For The Control & Prevention Of Zoonotic Disease. Surabaya-Indonesia, 22-23 June 2010
4	2011	MoleculerCharacteritration Of H5N1 Virus From Fowls As Natural Reservoir In East Of Java	Increasing animal production through zoonoses and reproductive disorder handling, and the implementation of biotechnology. Surabaya-Indonesia, 21-22 June 2011
5	2012	Antigenicity Of Neuraminidase (NA) Of Avian Influenza Virus Subtype H5N1 (Local Isolate) Against Polyclonal Antibody Of Avian Influenza Virus Subtype H5N1, H5N2 And H5N9 By Using Indirect ELISA	Strategy to manage bio-eco-health system for stabilizing animal health & productivity to support public health. Surabaya-Indonesia, 19-20 June 2012
6	2012	Characterization Of Protein Haemagglutinin Avian Influenza Virus Subtype H5N1 Based On Molecular Weight	Strategy to manage bio-eco-health system for stabilizing animal health & productivity to support public health. Surabaya-Indonesia, 19-20 June 2012
7	2012	Identification Of Neuraminidase (NA) Of Avian Influenza Subtype H5N1 Based On Molecular Weight By Using Western Blot Methods	Strategy to manage bio-eco-health system for stabilizing animal health & productivity to support public health. Surabaya-Indonesia, 19-20 June 2012

## MEMBERSHIP

1. Anggota PDHI (PerhimpunanDokterHewan Indonesia) – (1977 – sekarang)
2. Ikatan Alumni UniversitasAirlangga (1977 – sekarang)
3. PerhimpunanMikrobiologi Indonesia (PERMI) – (2005 sdsekarang)
4. Anggota Tetap BPF (Badan Pertimbangan Fakultas ) – (2007 – sekarang)

5. Asosiasi Bio Resiko Indonesia (2011)

**IX. RESEARCH SERVICES**

Pelayanan pemeriksaan sampel secara virologis dan serologis

**X. BOOKS**

No.	Year	Title	Number of Pages	Publisher
1	2012	Penyakit Viral Unggas	132	PT Global Persada
2	2015	ELISA, TEORI DAN PROTOKOL	75	LAB VIROLOGI FKH UNAIR
3	2015	PETUNJUK PRAKTIKUM ILMU PENYAKIT VIRAL	66	LAB VIROLOGI FKH UNAIR

Semua data yang saya isikan dan tercantum dalam biodata ini adalah benar dan dapat dipertanggung jawabkan secara hukum. Dan apabila dikemudian hari ternyata dijumpai ketidak sesuaian dengan kenyataan, saya sanggup menerima risikonya.

Surabaya, 5 Februari 2016.

Mengetahui,  
Ketua Departemen

Menyatakan,  
Dosen

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