

CURRICULUM VITAE



I. PERSONAL INFORMATION

1.1.	Full name	Muchammad Yunus, DVM., M.Kes., Ph.D
1.2.	Rank	Lektor Kepala
1.3.	Positions	<ul style="list-style-type: none">- Member of Badan Pertimbangan Fakultas Kedokteran Hewan, Universitas Airlangga (2012-present)- Secretary of Department of Bioproduct, Biosafety and Biosecurity, Faculty of Veterinary Medicine, Universitas Airlangga (2012-present)- Education Scholarship Program Reviewer of Education Fund Management Institution (Lembaga Pengelola Dana Pendidikan) of Ministry of Finance of Republic of Indonesia (2014-present)- Fulbright Scholarship Program Reviewer of American Indonesian Exchange Foundation (AMINEF) (2015-present)- Koordinator Dosen Pembimbing Lapangan KKN Unair (2008 – present)- Tim Pengembang Jurnal Fakultas Kedokteran Hewan Unair (2009 – present)
1.4.	Address	Faculty of Veterinary Medicine, C Campus Unair, Jl. Mulyorejo Surabaya 60115
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II. EDUCATIONAL BACKGROUND

2.1. Program:	Bachelor	Master	Doctoral
2.2. University	Universitas Airlangga (1986 – 1992)	Universitas Airlangga (1998 – 2001)	Yamaguchi University, Japan (2001 – 2005)
2.3. Discipline	Veterinary Science	Basic Medical Science	Veterinary Science

III. AWARDS

Number	Years	Name of Awards	From
1.	2005	Piagam Penghargaan Lulus Tepat waktu dengan predikat summa cum laude	Kedutaan Besar Indonesia di Tokyo, Jepang
2.	2007	Satyalancana Karya Satya 10 tahun	Presiden Republik Indonesia
3.	2013	The big five article of International Seminar of The Role of Veterinary Science to support Millennium Development Goals	OIE-SEAVSA, AAVS dan Fakultas Kedokteran Hewan Universitas Airlangga
4.	2013	Post Doctoral Fellow (Fulbright Dikti Aminef)	USDA, Agricultural Research Service Animal Parasitic Diseases Laboratory Animal & Natural Resources Institute Beltsville Agricultural Research Center Building 1040, Room 100A, BARC-East Beltsville, MD 20705 USA
5.	2011	Arthropoda Veteriner	Grand Buku Ajar Kemenristek Dikti
6.	2014	Teaching Staff Exchange	BOPTN Universitas Airlangga

IV. ACADEMIC SERVICES

Teaching:

1. Basic Parasitology (Diploma levels)
2. Parasitology (undergraduate levels)
3. Parasitic Disease Subjects (undergraduate levels)
4. Poultry Health Management (undergraduate levels)
5. Animal Aquatic Disease (undergraduate levels)
6. Bioproduct, Biosafety and Biosecurity (undergraduate levels)
7. Poultry Infectious Disease (Master level)

Graduated Advisees:

- Undergraduate: 35 students
- Master: 8 students
- Doctoral: 5 students

Advising:

- Undergraduate: 6 students
- Master: 4 students
- Doctoral: 3 students

V. RESEARCH INTERESTS

Poultry Coccidiosis and Development of Coccidia Vaccine

VI. RESEARCH EXPERIENCE

No.	Years	Title	Funding	
			Sources	Amount (in Rupiah)
1.	1996	Effectiveness of Koksivet Irradiation Vaccine for Coccidiosis Prevention on Broiler Based on Cecal Lesion Score	DP3M	3,000,000
2.	1997	The Effect of Furazolidone on Cecal	DP3M	3,000,000

		Lesion Score and <i>Eimeria tenella</i> Oocyst Production in Broiler		
3.	1998	Effect of Various of Doses of Sulfaquinoxaline as Coccidiosis Drug on Layer Egg Production	DP3M	3,000,000
4.	2001	Effect of Various of Infection Doses of <i>Eimeria tenella</i> Sporocyst on Microscopic Cecal Change, Leukocytes and Oocyst Production Features on Broiler	BPPS	30.000.000
5.	2003	The Relationship Between Vitamin A, Immunity and Coccidial Infections.	Mandiri	10.000.000
6.	2003	Experimentally, Extraintestinal Stages of <i>Eimeria</i> sp. Well Off in Transfer of Infection.	Mandiri	10.000.000
7.	2003	Development of Immunity in Hosts Continuously Exposed to <i>Eimeria</i> sp.	Mandiri	10.000.000
8.	2005	The Relationship Between The Anticoccidial Effect of Clindamycin and Development of Immunity in The <i>Eimeria pragensis</i> /Mouse Model of Large Intestinal Coccidiosis	Monbukagakusho	30.000.000
9.	2005	Murine Goblet Cell Hypoplasia During <i>Eimeria pragensis</i> Infection is Ameliorated by Clindamycin Treatment	Monbukagakusho	30.000.000
10.	2007	Response of Cecal Goblet Cell on Intracellular Development of <i>Eimeria tenella</i> in Susceptible and Infected Chickens	Due Like	30.000.000
11.	2007	The Comparative Study of Cecal Mucosa IgA Titer of <i>Eimeria tenella</i> Primary and Secondary Infected Chickens.	DIPA PNBP	7,500,000
12.	2007	The Early Detection of <i>Eimeria</i> Infection in Chicken by Examination IgG and IgM titre Specific ELISA	DIPA PNBP	7,500,000
13.	2008	Effect of <i>Eimeria tenella</i> Infection on Weight and Size of Spleen and Diameter of White Pulp in Primary and Secondary Infected Chicken	Mandiri	10.000.000
14.	2009	Molecular dan Sero-Surveillance Virus Avian Influenza H5N1 Terhadap Potensial Reservoir di Kota Surabaya: Suatu Analisis Potensi Penyebaran Dan Upaya Antisipasi	STRAGNAS (DIKTI)	100,000,000
15.	2009	Characterization and The Increase of Chicken Interferon-gamma Production as a Measure of T-cell Responses to <i>Eimeria tenella</i> Antigen	Insentif Ristek	225.000.000
16.	2009	Interferon-gamma (IFN- γ) Recombinant Production as Bioactive Material Through Expression System for Increasing Resistance and Inhibiting <i>Eimeria tenella</i> Development in Effort of Coccidiosis Control	Insentif Ristek	225.000.000

17.	2010	The Effect of Dry Duration on The <i>Eimeria tenella</i> Vailability by Morphology, Cecal Pathological Changes and Oocysts Production Observations	Mandiri	10.000.000
18.	2010	The Increase Live Vaccine Quality Through Selection Strain of <i>Eimeria</i> for Controlling Comprehensive Avian Coccidiosis	Insentif Ristek	550,000,000
19.	2011	Isolation and Characterization of Expression of <i>Eimeria tenella</i> Sporozoite Membrane Protein as Recombinant Principle for Production of Material Subunit Vaccine of Chicken Coccidiosis	DIPA Unair	32,500,000
20.	2011	<i>Eimeria tenella</i> Pathogenicity Attenuation Through The Serial Passage of Precocious Lines Toward Number of Schizont and Cecal Histopathology in Broiler.	PUPT	50,000,000
21.	2011	<i>Eimeria necatrix</i> Pathogenicity Attenuation Through The Serial Passage of Precocious Lines Toward Small Intestinal Histopathology in Broiler.	PUPT	50,000,000
22.	2012	Isolation of Total RNA of Sporozoite Membrane Protein of <i>E. tenella</i> as Principle of Fragment Gene Amplification in PCR Technique	Hibah Bersaing	50,000,000
23.	2012	Efektifitas Meniran (<i>phyllanthus niruri</i> linn) terhadap Penyakit Aeromoniasis pada Ikan Gurame	DP2M	10.000.000
24.	2013	Deteksi Pola Distribusi Potensial Infestasi Ektoparasit Kutu Akibat <i>Global Warming</i> Pada Beberapa Peternakan Ayam Petelur Di Jawa Timur Dalam Upaya Antisipasi Penyebaran <i>Zoonotic Disease</i>	BOPTN	10,000,000
25.	2013	Reproductive Characteristic of Precocious line of <i>E. tenella</i> Sporozoit as Material Bioactive in Embryonating Egg and the Implications of the Finding appraised.	PUPT	50,000,000
26.	2014	Efek Anti Bakteri Ekstrak Daun Mangga (<i>Mangifera indica</i>) Terhadap <i>Staphylococcus aureus</i> dan <i>Escherichia coli</i> .	Mandiri	10,000,000
27.	2014	Potency of Precocious Lines of <i>Eimeria tenella</i> in Increasing Protection and Resistance of Chicken to Parent Strain of <i>Eimeria tenella</i> Infection	PUPT	50,000,000
28.	2014	The Exploration of <i>E. tenella</i> Sporocysts Inoculation on Featuring Cecum and Oocysts Production in Chicken, An Initial Exploration of Sporocysts Potency as Vaccine Material Candidate	Mandiri	10,000,000
29.	2014	Deteksi Intensitas Dan Prevalensi Ektoparasit Pada Ikan Bandeng Tambak	BOPTN	10,000,000

		Akibat Penurunan Kualitas Air Di Wilayah Potensial Budidaya Kabupaten Sidoarjo Dalam Upaya Antisipasi Penyebaran		
30.	2015	Pengembangan dan Produksi <i>Coccidiosis Immunized Chicken Ig Y</i> Sebagai <i>Maternal Antibody</i> Untuk <i>Passive Immunity</i> Pada Ayam Melalui Isolasi dan Purifikasi <i>Egg Yolk Bio-Compatible Chemically</i>	PUPT	50,000,000
31.	2015	Pemanfaatan Daun Salam (<i>Syzygium polyanthum</i> Wight) Sebagai Antimikroba Dalam Mempertahankan Kualitas (Mikrobiologis) Telur Konsumsi Pada Suhu Kamar	BOPTN	10,000,000

VII. PUBLIC SERVICES EXPERIENCES

No.	Years	Title	Funding	
			Sources	Amount (in Rupiah)
1.	2006	Pelatihan Mengenali Toxoplasmosis Sebagai Upaya Meningkatkan Kesehatan Masyarakat	LPPM Unair	3,000,000
2.	2006	Pelatihan Mengenali Penyakit Parasiter Secara Dini Sebagai Upaya Meningkatkan Hasil Panen Ikan dan Udang	DIPA-PNBP-LPPM Unair	3,000,000
3.	2008	Pelatihan Diagnostik Laboratorik Penyakit Parasitk	DIPA-PNBP-LPPM Unair	3,000,000
4.	2008	Sebagai Nara Sumber pada kegiatan Penyuluhan Tentang Flu Burung di Kelurahan Balas Klumprik Kecamatan Wiyung, Surabaya	DIPA-PNBP-LPPM Unair	1,500,000
5.	2008	Mereduksi Penyebaran dan Peningkatan Kasus Demam Berdarah Dengue (DBD Melalui Peningkatan Pengetahuan Masyarakat Mengenai Vektor Nyamuk Pembawa Virus DBD di Kecamatan Taman Kabupaten Sidoarjo	DP2M (IPTEKS)	5,000.000
6.	2009	Pemanfaatan dan Penggunaan Potensi Biji Pinang Sebagai Obat Cacing Pita Dalam Rangka Peningkatan Performan Ayam Petelur di Kecamatan Mantub	DP2M (IPTEKS)	7,500.000

		Kabupaten Lamongan		
7.	2009	Mereduksi Penyebaran dan Peningkatan Kasus Demam Berdarah Dengue (DBD Melalui Peningkatan Pengetahuan Masyarakat Mengenai Vektor Nyamuk Pembawa Virus DBD di Kecamatan Magersari Kabupaten Mojokerto	RUTIN DIPA	7,000,000
8.	2010	Diklat Pengamatan Peternakan dan Kesehatan hewan di lingkungan Pemerintah Kota se Jawa Timur	Dispet Propinsi	3,000,000
9.	2010	Pelatihan Mengenai Toxoplasmosis Sebagai Upaya Meningkatkan Kesehatan Masyarakat di Kelurahan Mulyorejo , Kecamatan Mulyorejo Surabaya	BOPTN (DIKTI)	7,500,000
10.	2011	Pengenalan Bahaya Toxoplasmosis pada Siswa Putri SMA se Surabaya	BOPTN (DIKTI)	7,500,000
11.	2011	Diklat Pengamatan Peternakan dan Kesehatan hewan di lingkungan Pemerintah Kota se Jawa Timur	Dispet Propinsi	3,000,000
12.	2012	Aplikasi Sambiloto Sebagai Bahan Antimikroba Dalam Program Kontrol Penyakit Pada Budidaya Ikan Mas di Desa Tambak Cemandi Kecamatan Sedati Sidoarjo	BOPTN (DIKTI)	10,000,000
13.	2014	Mereduksi Penyebaran dan Peningkatan Kasus Ektoparasit pada Budidaya Bandeng Tambak Melalui Penggunaan Pestisida Organik Ramah Lingkungan di Kecamatan Jabon Kabupaten Sidoarjo	BOPTN (DIKTI)	10,000,000
14.	2015	Pemanfaatan dan Penggunaan Potensi Biji Pinang Sebagai Obat Cacing Dalam Rangka Peningkatan Performan Ayam Petelur Di Kecamatan Puncu Kabupaten Kediri	BOPTN (DIKTI)	10,000,000

VIII. ACADEMIC PUBLICATIONS

No.	Year	Title	Volume (Issue)	Journals
A. International Journals – Published				
1.	2002	Effectiveness of Some Selected Anti-protozoal Drugs Against <i>Babesia gibsoni</i> Infected Dogs.	The 2 nd Indonesian Scientific Meeting	Proceedings of The 2 nd Indonesian Scientific Meeting. Kagoshima. Japan
2.	2003	The Relationship Between Vitamin A, Immunity and Coccidial Infections.	The 3 rd Indonesian Scientific Meeting	Proceedings of The 3 rd Indonesian Scientific Meeting. Saga. Japan
3.	2003	Role of Mast Cell Specific Proteases i.e Chymase and Tryptase in Immune Response in the Skin.	The 3 rd Indonesian Scientific Meeting	Proceedings of The 3 rd Indonesian Scientific Meeting. Saga. Japan
4.	2003	Experimentally, Extraintestinal Stages of <i>Eimeria</i> sp. Well Off in Transfer of Infection.	The 12 th Indonesian Scientific Meeting	Proceeding of the 12 th Indonesian Scientific Meeting. Osaka. Japan
5.	2003	Development of Immunity in Hosts Continuously Exposed to <i>Eimeria</i> sp.	The 12 th Indonesian Scientific Meeting	Proceeding of the 12 th Indonesian Scientific Meeting. Osaka. Japan
6.	2005	The Relationship Between The Anticoccidial Effect of Clindamycin and Development of Immunity in The <i>Eimeria pragensis</i> /Mouse Model of Large Intestinal Coccidiosis	67 (2): 165-170.	Journal of Veterinary Medical Science
7.	2005	Murine Goblet Cell Hypoplasia During <i>Eimeria pragensis</i> Infection is Ameliorated by Clindamycin Treatment	67 (3): 311-315	Journal of Veterinary Medical Science

8.	2014	Reproductive Characteristic of Precocious line of <i>E. tenella</i> Sporozoit as Material Bioactive in Embryonating Egg and the Implications of the Finding appraised.	4(1): 338-342	Journal Veterinary Advance
9.	2015	Potency of attenuated <i>Eimeria tenella</i> in protective immunity induction on homologous and heterologous challenges	Inpress	Procedia Chemistry (ScienceDirect) Elsevier
B.	National Journals – Published			
1.	1997	The Effect of Furazolidone on Cecal Lesion Score and <i>Eimeria tenella</i> Oocyst Production in Broiler.	13 (2): 113- 119.	Veterinary Medicine Journal
2.	1997	Effectiveness of Treatment Interval of Piperazine Citrate on <i>Ascaridia galli</i> in Layer.	13 (3): 192- 199.	Veterinary Medicine Journal
3.	1998	Toxoplasmosis Cases on Wild and Domesticated Cats at Surabaya.	14 (2): 94-97.	Veterinary Medicine Journal
4.	1998	Effect of Various of Doses of Sulfaquinoxaline as Coccidiosis Drug on Layer Egg Production.	14 (4): 268-273.	Veterinary Medicine Journal
5.	2007	Response of Cecal Goblet Cell on Intracelular Development of <i>Eimeria tenella</i> in Susceptible and Infected Chickens	23 (3): 132-138	Veterinary Medicine Journal
6.	2007	The Comparative Study of Cecal Mucosa IgA Titer of <i>Eimeria tenella</i> Primary and Secondary Infected Chickens.	National Symposium of Parasitology and Tropical Disease	Proceeding of National Symposium of Parasitology and Tropical Disease, University of Udayana, Bali
7.	2009	Characterization and The Increase of Chicken Interferon-gamma Production as a Measure of T-cell Responses to <i>Eimeria tenella</i> Antigen.	25 (2): 82-89.	Veterinary Medicine Journal
8.	2010	The Effect of Dry Duration on The <i>Eimeria tenella</i> Vailability by Morphology, Cecal Pathological Changes and Oocysts Production Observations.	26 (1): 33-38.	Veterinary Medicine Journal
9.	2011	<i>Eimeria tenella</i> Pathogenicity Attenuation Through The Serial Passage of Precocious Lines Toward Number of Schizont and	4: 41-43.	Journal Poultry Science

		Cecal Histopathology in Broiler.		
10.	2011	<i>Eimeria necatrix</i> Pathogenicity Attenuation Through The Serial Passage of Precocious Lines Toward Small Intestinal Histopathology in Broiler.	4: 51-53	Journal Poultry Science
C.	Under Review			
1.	2015 – International journal	Exploration of Some Low Doses of Unattenuated <i>Eimeria tenella</i> on Broiler to Protective Immunity Induction by Microscopic Lesion Scoring and Oocyst Production	Reviewing	Journal of Veterinary Medical Science
2.	2015 – International journal	The Attenuation of <i>Eimeria tenella</i> Pathogenicity through Serial Passage of Precocious Lines Represented Morphometry and Morphology Development of Sexual Generation	Reviewing	Thai Journal of Veterinary Medicine
D.	International Conferences			
1.	2002	Effectiveness of Some Selected Anti-protozoal Drugs Against <i>Babesia gibsoni</i> Infected Dogs.	The 2 nd Indonesian Scientific Meeting. Kagoshima. Japan	
2.	2003	The Relationship Between Vitamin A, Immunity and Coccidial Infections.	The 3 rd Indonesian Scientific Meeting. Saga. Japan	
3.	2003	Role of Mast Cell Specific Proteases i.e Chymase and Tryptase in Immune Response in the Skin.	The 3 rd Indonesian Scientific Meeting. Saga. Japan	
4.	2003	Experimentally, Extraintestinal Stages of <i>Eimeria</i> sp. Well Off in Transfer of Infection.	The 12 th Indonesian Scientific Meeting. Osaka. Japan	
5.	2003	Development of Immunity in Hosts Continuously Exposed to <i>Eimeria</i> sp.	The 12 th Indonesian Scientific Meeting. Osaka. Japan	
6.	2008	The Early Detection of <i>Eimeria</i> Infection in Chicken by Examination of IgG and IgM titre Specific ELISA.	International Seminar Strategy of Managements Animal Health and Production Control on a anticipation of Global Warming for The Achievement of Millennium Development Goals, June, 2008, Surabaya.	
7.	2011	Isolation and Characterization of Expression of <i>Eimeria tenella</i> Sprozoite Membrane Protein as Recombinant Principle for Production of Material Subunit Vaccine of Chicken Coccidiosis	International Seminar of Increasing Animal Production Through Zoonoses and Reproductive Disorder Handling, and The Implementation of Biotechnology, 21-22 June, 2011, Surabaya	

IX. MEMBERSHIP

1. Indonesian Veterinarian Association (Ex. American Marketing Association, since 2009)
2. Indonesian Parasitic Disease Control Association
3. Indonesian Biorisk Association
4. Japan Veterinarian Association

X. RESEARCH SERVICES

1. Editor, Veterinary Medicine Journal, Fakultas Kedokteran Hewan Universitas Airlangga (2010 - present)
2. Fulbright Scholarship Program Reviewer of American Indonesian Exchange Foundation (AMINEF) (2015-present)

XI. BOOKS

No.	Year	Title	Number of Pages	Publisher
1.	2013	Arthropoda Veteriner	102	Airlangga University Press
2.	2014	Ilmu Penyakit Arthropoda	103	Airlangga University Press

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, 4 Nopember 2015

Mengetahui,

Ketua Departemen Parasitologi Veteriner

Fakultas Kedokteran Hewan Universitas Airlangga

Menyatakan,

Dosen

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