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Personal Information

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Employment

2015 - 2016 Assessor BAN-PT
National Ministry of Education, Indonesia

2004 Associate Professor
MENDIKNAS (National Ministry of Education)

2001 Assistant Professor
MENDIKNAS (National Ministry of Education)

1996 Lecturer
MENDIKBUD (Ministry of Education and Culture)

Education

1985 - 1991 Bachelor of Science (S.Si)
Universitas Gadjah Mada - Yogyakarta
Major in Biology

1996 - 1991 Master of Science (M.Si)
Universitas Gadjah Mada - Yogyakarta
Major in Biology

2006 - 2011 Doctorate of Science
Universitas Airlangga – Surabaya
Major in Biology

Public Service Experience

2013 Training of Molecular genetic to improve the competence of alumni of Biology, Faculty of Science and Technology, as a teacher in high school

- BOPTN Grant : Rp 8.000.000
- 2013** The making process of phagocytosis sample for high school teacher in Surabaya
BOPTN Grant : Rp 8.000.000
- 2013** Training of Biology National Scientific Olympiad for students in East Java
- 2014** Training of organic liquid fertilizer for farmers in Krian District, Sidoarjo
BOPTN Grant : Rp8.000.000
- 2014** Training of protein isolation and identification to improve biology teacher competence
BOPTN Grant : Rp8.000.000
- 2015** Training of phagocytosis sample making process
BOPTN Grant : Rp8.000.000
- 2015** Training of protein isolation and identification to improve the competence of biology teacher
BOPTN Grant : Rp8.000.000

Organization

- 1991 – Present** Indonesian Biology Association (PBI)
- 1991 – Present** Universitas Gadjah Mada Alumni Association
- 2009 – Present** Consortium biology of Indonesia

Research Interest

- Development of Natural Medicine and Development of Male Immunocontraception.

Research Experience

No.	Years	Title
1	2011	Potential of rabbit sperm membrane protein as a candidate of immunocontraception material Grant for Postgraduate : 45.000.000,-
2	2012- 2014	Sub-chronic toxicity, chronic and special polysaccharides krestin of Coriolus versicolor mushroom extract: efforts to explore the potential of biological material as immunomodulators the immuneresponse to Mycobacterium tuberculosis University Featured Research Grant : 167.500.000,-
3	2013 - 2014	Efficacy of polysaccharide krestin of Coriolus versicolor extract on cytokine expression and free radicals to boost immunity result of exposure to Mycobacterium tuberculosis University Featured Research Grant : 100.000.000,-
4	2015	Immunomodulatory of polysaccharides krestin from Coriolus versicolor extract on extracellular and intracellular bacterial infections

		University Featured Research Grant :100.000.000,-
5	2015 - 2016	Gene expression clinical isolates of Mycobacterium tuberculosis katG local and protein immunogenicity testing for TB vaccine potential construction University Featured Research Grant : 100.000.000,-

Publication

- The Effect of Ilogenic Freeze Dried Platelet Rich Plasma in Immunological Responses of Rabbits. 3(4):325-327 Scholars Academic Journal of Biosciences (SAJB) Sch. Acad. J. Bioscience
- The role of polysaccharide krestin from Coriolus versicolor mushroom on immunoglobulin isotype of mice infected by Mycobacterium tuberculosis. 2011. 2(1): 30-33 Indonesian Journal Tropical and infection disease
- Aktivitas polisakarida krestin dari ekstrak Coriolus versicolor terhadap peningkatan antibodi Mus musculus akibat paparan Mycobacterium tuberculosis. 2012. 17(2): 177- 183 Berkala Penelitian Hayati,
- Agglutination of Mice Sperm in Antibody of 46, 66, and 73 KDa Protein from Rabbit Sperm Membrane 2013. Proceeding 4th ICOWOBAS-RAFSS 2013, Johor Bahru, Malaysia
- Effect of polysaccharide krestin of Coriolus versicolor for interferon production in mice exposed Mycobacterium tuberculosis. 2014. Proceeding 2nd International Biology Conferences in Sepuluh Nopember Institute of Technology (ITS)
- Effect of polysaccharide krestin from Coriolus versicolor on antibody titer mice exposure due Pseudomonas aeruginosa. 2015. Proceeding International Seminar in Green Technology in UIN Malang
- Polysaccharide Krestin Activity of Coriolus versicolor Extract on Interleukin-12 Level of Mus mucus Exposed to Mycobacterium tuberculosis. 2015. Proceeding International Conference and Workshop on Basic and Applied Sciences (ICOWOBAS).
- Polysaccharide krestin activity from Coriolus versicolor on antibody titer of mice exposed Staphylococcus aureus. 2016. Proceeding Basic Science Seminar in Brawijaya University.
- Aktivitas polisakarida krestin dari ekstrak Coriolus versicolor terhadap peningkatan antibodi Mus musculus akibat paparan Mycobacterium tuberculosis. 2012. Proceeding National Seminar of Biodiversity IV.
- Imunolokasi protein 46, 66 dan 73 kDa pada membran spermatozoa kelinci. 2013. Proceeding National Seminar of Biotechnology.
- Toksisitas subkronis polisakarida krestin dari ekstrak Coriolus versicolor pada histologis hati Mus musculus I. 2014. Proceeding National Seminar of Biodiversity V Seminar.
- Pengaruh imunomodulator polisakarida krestin dari ekstrak Coriolus versicolor pada Il-4 akibat paparan Mycobacterium tuberculosis. 2014. Proceeding National Seminar of Biodiversity V Seminar.
- Analisis kualitas dan fertilitas spermatozoa mencit (Mus musculus) setelah pemberian ekstrak kulit manggis. 2014. Proceeding National Seminar of Biodiversity V

Books

- *Basic Biology 1*. 2015. 140 pages. Department of Biology, Faculty of Science and Technology, Airlangga University.
- *Basic Biology 2*. 2014. 160 pages. Department of Biology, Faculty of Science and Technology, Airlangga University.

