



Alfiah Hayati

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Personal Information

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Employment

2011 - 2016 **Head of Biology Department**
Faculty of Science and Technology, Airlangga University

2003 **Associate Professor**
MENDIKNAS (National Ministry of Education)

2001 **Assistant Professor**
MENDIKNAS (National Ministry of Education)

1993 **Lecturer**
MENDIKBUD (Ministry of Education and Culture)

Education

1983 – 1987 **Bachelor of Science (S.Si)**
Universitas Airlangga - Surabaya
Major in Biology

1996 - 2000 **Master of Science (M.Si)**
Universitas Airlangga- Surabaya
Major in Spermatology

2003 - 2007 **Master of Science (M.Si)**
Universitas Gadjah Mada- Yogyakarta
Major in Spermatology

Public Service Experience

2015 Phagocytosis slide preparation training for East Java senior high school teachers BOPTN Rp. 8.000.000,-

2015	Liquid organic fertilizer production training for farmer group of Sumberejo district, Bojonegoro regency BOPTN Rp. 8.000.000,-
2015	Liquid organic fertilizer production training for farmer group of Sumberejo district, Bojonegoro regency BOPTN Rp. 8.000.000,-
2015	National-level OSN for East Java junior and senior high school Education Office of East Java Rp. 12.000.000,-
2014	Waste refreshment training forenvironment frontline of Waste Bank Management RT I A & I B RW 2, Keputih, Sukolilo 2014 BOPTN Rp. 8.000.000,-
2014	Nata de Coco preparation training on Sedati, Sidoarjo Self-funded
2014	The team of test writing and National Olympic jury of Mathematics and Natural Sciences- College (ON MIPA-PT) in 2015 Direktur Jenderal Pembelajaran dan Kemahasiswaan
2014	OSN training in biology for middle and high school teachers in East Java Dinas Propinsi Jawa Timur
2013	Refreshment of laboratory management and biological practice skill for Surabaya biology high school teacher RKAT Rp. 8.000.000
2013	Phagocytosis slide preparation training for Surabaya senior high school teachers BOPTN Rp. 8.000.000
2013	OSN training in biology for middle and high school teachers in East Java Dinas Propinsi Jawa Timur.

Organization

1991 – Present Indonesian Biology Association (Perhimpunan Biologi Indonesia/PBI)

Research Interest

- Effect of medicinal plants for male reproductive health
- Effect of heavy metals on fish reproductive structure

Research Experience

No.	Years	Title
1	2007- 2008	Standardization of epitope sperm membrane protein rabbit as the basis for the development of immunocontraception in men (I) (Co-Autor) Dikti 50.000.000
2	2008- 2009	Standardization of epitope sperm membrane protein rabbit as the basis for the development of immune contraception in men (II) (Co-autor) Dikti 50.000.000
3	2013- 2014	Studies of Pericarpv Extract Mangosteen (Garcinia Mangostana L) on Fertility and

		Protein Profile spermatogenic Mice (<i>Mus musculus</i>) BOPTN 20.000.000
4	2014- 2015	Sperm DNA Fragmentation Analysis and Response antisperm antibodies Mice After exposure fraction pericarp Mangosteen (<i>Garcinia Mangostana</i> L) BOPTN 20.000.000

Publication

- Efek fraksi N-Butanol daging buah lerak (*Sapindus rarak* DC) terhadap Fertilitas dan histology saluran reproduksi mencit (Risa, A. Hayati., W. Darmanto) (15)1: 25-31. 2012. Jurnal MIPA
- The Potential of *Sapindus rarak* Fruit as Spermicides: Female Mice as Animal Model (Hayati, A., L. Suhargo, D. Alfian). 2013. Proceeding in International Conference and Workshop on Basic and Applied Sciences UNAIR-UTM, Malaysia
- Spermatogenic Structure and Fertility of *Mus musculus* After Exposure Mangosteen (*Garcinia mangostana* L) Pericarp Extract (Hayati A,, Melia Eka Agustin, Farida Ayu Rokhimaningrum, Hasan Adro'i, and Win Darmanto) 2015. Proceeding in International Conference and Workshop on Basic and Applied Sciences UNAIR_UTM IX. MEMBERSHIP

Books

- *Spermatologi*. 2011. 105 pages. Airlangga University Press
- *Practice Guide of Animal Physiology*. 2014. 55 pages. Department of Biology, Faculty of Science and Technology, Airlangga University.
- *Practice Guide of Animal Reproduction*. 2015. 60 pages. Department of Biology, Faculty of Science and Technology, Airlangga University.
- *Practice Guide of Spermatology*. 2015. 40 pages. Department of Biology, Faculty of Science and Technology, Airlangga University