



Saikhu Akhmad Husen

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Personal Information

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Employment

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

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

1994 **Lecturer**
MENDIKBUD (Ministry of Education and Culture)

Education

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

1997 - 2000 **Master of Science (M.Si)**
Universitas Airlangga - Surabaya
Major in Public Health

Public Service Experience

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

2015 Liquid organic fertilizer production training for farmer group of Sumberejo district, Bojonegoro regency 2015 BOPTN Rp. 8.000.000,-

2015 Provincial-level Olympic Training on SMP Negeri 3 Peterongan Jombang 3rd Peterongan state junior high school (SMP Negeri 3 Peterongan) Rp. 6.000.000,-

2015 National-level Olympic Training for East Java junior and senior high school Education Office of East Java Rp. 12.000.000,-

2014	Waste refreshment training for environment 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 ----
2013	Refreshment of laboratory management and biological practice skill for Surabaya biology high school teacher 2013 RKAT Rp. 8.000.000
2013	Phagocytosis slide preparation training for Surabaya senior high school teachers 2013 BOPTN Rp. 8.000.000

Organization

1991 – Present	Indonesian Biology Association (PBI)
1999 – Present	Indonesian Andrology Association (PANDI)
2000 – Present	Indonesian Anatomy Expert Association (PAAI)

Research Interest

- Health and Medicine

Research Experience

No.	Years	Title
1	2015	Activity examination of mangosteen pericarp extract (<i>Garcinia mangostana</i> , L) for decreasing cholesterol and lipid peroxidation activity on mice with type II diabetes mellitus (1 st year) University Featured Research Grant : Rp. 57.500.000,-
2	2014	The antioxidative potential of mangosteen pericarp (<i>Garcinia mangostana</i> , L) for improvement of skeletal muscle cells sensitivity towards insulin on mice with type II diabetes mellitus (2 nd year) University Featured Research Grant : Rp. 50.000.000,-
3	2013	The antioxidative potential of mangosteen pericarp (<i>Garcinia mangostana</i> , L) for improvement of skeletal muscle cells sensitivity towards insulin on mice with type II diabetes mellitus (1 st year) University Featured Research Grant : Rp. 50.000.000,-
4	2013	The antioxidative potential of local Pamurbaya sea cucumber <i>Paracaudina australis</i> for improvement of adipose and skeletal muscle cells sensitivity towards insulin on mice with type 2 diabetes mellitus (2 nd year) University Featured Research Grant : Rp. 50.000.000,-
5	2012	The antioxidative potential of local Pamurbaya sea cucumber <i>Paracaudina australis</i> for improvement of adipose and skeletal muscle cells sensitivity towards insulin on mice with type 2 diabetes mellitus (1 st year) University Featured Research Grant : Rp. 50.000.000,-

Publication

- The potential of various mangosteen's pericarp extract fraction (*Garcinia mangostana*,L) on HbA1c and fasting blood glucose level of mice with type II diabetes mellitus. 2014. Proceeding of 5th "Biodiversitas" National Seminary, Department of Biology, Airlangga University Surabaya
- The effect of Benzopirin exposure on the decreasing cytotoxic T cells (CD8) and increasing atypical hyperplasia of mice (*Mus musculus*, L) ileum mucosa. 2012. Proceeding of 4th "Biodiversitas" National Seminary, Department of Biology, Airlangga University Surabaya
- The effect of benzopirin exposure on decreasing macrophage level and increasing progressivity of cancerous mice (*Mus musculus*, L) intestine mucosa Special edition; Volume 4D. 2011. Journal of Biological Researches
- The effect of Basudin 60Ec insecticide and Nimba (*Azadirachta indica*, A. Juss) leaf extract on the fission duration of *Colpoda cucullus*, M. 2008. Proceeding of 2nd "Biodiversitas" National Seminary, Department of Biology, Airlangga University Surabaya
- The effect of Benzopirin exposure on Immune surveillance reduction and increasing progressivity of udder cancer on mice (*Mus musculus*, L) Volume 10 (1). 2006. Jurnal MIPA.
- The effect of mangosteen (*Garcinia mangostana*, L) pericarp extract towards body weight and fasting blood cholesterol level of diabetic mice. 2015. 5th ICOWOBAS . (International Conference and Workshop on Basic and Applied Sciences) Oct,16-17 2015. Surabaya Indonesia.
- Toxicity of Furadan 3G Insecticides and Neem Leaves Extract on Fission Duration and Reproduction Rate of *Colpoda cucullus*,M. 4 th ICORAF. (International Conference and Workshop on Basic and Applied Sciences & Regional Annual Fundamental Science Seminar) September 3–5,2013. Johor Bahru, Malaysia
- Comparative Toxicity of Basudin 60EC Insecticides and Neem Leaves Extract on Fission Duration and Reproduction Rate of *Colpoda cucullus*, M. ICORAF II. (International Conference and Workshop on Basic and Applied Sciences & Regional Annual Fundamental Science Seminar) 2 – 4 June 2009, Johor Bahru , Malaysia
- "Toxicity of Diazinon 60 EC Insecticides and Neem Leaves Extract On Fission and Reproduction Rate of *Colpoda cucullus*, M." Poster ICOWOBAS I. (International Conference and Workshop Biosciences) August. 6-7, 2007 Surabaya Indonesia.

Books

- *Practical Guide to Animal Physiology*. 2015. 55 pages. Department of Biology, Faculty of Science and Technology, Airlangga University
- *Practical Guide to Animal Physiology*. 2014. 70 pages. Department of Biology, Faculty of Science and Technology, Airlangga University
- *Practical Guide to Medical Biology*. 2014. 71 pages. Department of Biology, Faculty of Science and Technology, Airlangga University