



Fatimah

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Personal Information

Full name : **Fatimah, (Dr)**
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Current Position : Assistant Professor (Lector)
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Employment

2002-present 1. Accepted as government employee
2002-present 2. Permanent Lecturer Staff, Faculty Of Science And Technology, UNAIR
2009-present 3. As Senior Lecturer (Lector)

Education

1994–1999 Airlangga University (Bachelor)
Biology
2000–2001 Airlangga University (Magister)
Basic of Medical Science
2001-2005 Brawijaya University (Doctoral)
Biology

Public Service Experience

2017	Training of Producing Organic Liquid Biofertilizer for Dharmawanita Kopertis Regional VII
2017	Training of Producing Organic Liquid Fertilizer for Farmers in Village Karangdowo, District Sumberrejo, Bojonegoro
2016	Training of toilet waste management using Microbial Formulas
2016	Coaching of National Science Olympiad in Biology Field for High School Teacher, Jombang
2009	Identification of Coliform Fecal and Non-Fecal Bacteria for Quality Control Staff PT Gelorajaya
2009	Training of Technical Processing Markets Waste become Compost for Yellow-man (Pasukan Kuning) in Surabaya

Organization

– Present	Indonesian Biology Association
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Research Interest

- Microbial Biosurfactant
- Bioremediation

Research Experience

No.	Years	Title
1.	2013	Product Characterization and Detection of gene encode biosurfactant from <i>Acinetobacter</i> sp. P2(1) : Over production of biosurfactant for Industrial Applications (2 nd year)
2.	2013	" Biocleanoil " Microbial-Based Products For Industrial Oil Sludge Treatment (1 st year)
3.	2014	Product Characterization and Detection of gene encode biosurfactant from <i>Acinetobacter</i> sp. P2(1) : Over production of biosurfactant for Industrial Applications (3 rd year)
4.	2014	"Biocleanoil " Microbial-Based Products For Industrial Oil Sludge Treatment (2 nd year)
5.	2015	Characterization of Catabolic Gene for Aliphatic and Aromatic Hydrocarbons

		from Oil waste Degrading Bacteria (1 st year)
6.	2016	Characterization of Catabolic Gene for Aliphatic and Aromatic Hydrocarbons from Oil waste Degrading Bacteria (2 nd year)
7.	2016	Utilization of Biocleanoil bacterial formula for tank cleaning and oil sludge treatment (1 st year)
8.	2017	Utilization of Biocleanoil bacterial formula for tank cleaning and oil sludge treatment (2 nd year)

Publication

- 2013 Optimization of Biosurfactant Production from *Exiguobacterium* sp. P2(1) Using Glucose Substrate
- 2014 Characterization of Biosurfactant Produced by *Exiguobacterium* sp. P2(1)
- 2016 Identification and Characterization of Biosurfactant Producing Bacteria *Arthrobacter* sp P2(1)
- 2016 Production of Biosurfactant By *Arthrobacter* sp. P2(1) in The Carbohydrate-Containing Medium
- 2016 Biodegradation of naphthalene and Phenanthrene by *Bacillus subtilis* 3KP
- 2016 Oil sludge treatment by augmentation of bacterial formula and stimulation of molasses
- 2016 Eksplorasi Bakteri Proteolitik dan Lipolitik dari Limbah Rumah Potong Hewan
- 2016 Deteksi Gen dan Aktivitas Enzim Alkana Hidroksilase Bakteri *Pseudomonasputida* T1-8 dengan Substrat Heksadekana
- 2016 Keanekaragaman jenis bakteri dan tipe interaksi bakteri hidrokarbonoklastik dari lumpur minyak Pertamina Dumai
- 2016 Pemanfaatan Limbah (Minyak Goreng dan Pelumas Bekas) untuk Produksi Biosurfaktan oleh Yeast Hasil Isolasi dari Pelabuhan Tanjung Perak Surabaya