



Dwi Kusuma Wahyuni

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Personal Information

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Current Position : Lecturer
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Employment

2006 – Present **Permanent Lecturer Staff**
Faculty Of Science And Technology, UNAIR

2008 **Lecturer**
Faculty Of Science And Technology, UNAIR

2011 **Assistant Professor**
Faculty Of Science And Technology, UNAIR

Education

1995 – 2000 **Bachelor of Science (S.Si)**
Universitas Gadjah Mada - Yogyakarta
Major in Biology

2001 – 2004 **Master of Science (M.Si)**
Universitas Gadjah Mada - Yogyakarta
Major in Biology

Public Service Experience

- 2015** Training of making phagocytosis preparation for senior high school teacher in East Java
- 2009** Entrepreneurship internship training in laboratory and orchid house “Java Orchid”, Lawang, Malang
- 2008** The committee in tissue culture training for community of Indonesian Orchid Association (PAI) branch Malang
- 2007** Training of orchid tissue culture for florist in Surabaya

Organization

- 2010 – Present** Indonesian Biology Association

Research Interest

- Botany

Research Experience

| No. | Years | Title |
|-----|-------|--|
| 1 | 2016 | Somaclonal variation of <i>Justicia gendarussa</i> burm.f. |
| 2 | 2015 | Micropropagation of <i>Justicia gendarussa</i> burm.f. (First Year) |
| 3 | 2014 | Male Contraceptive Material Production of <i>Justicia gendarussa</i> burm.f. by Tissue Culture (Second Year) |
| 4 | 2013 | Male Contraceptive Material Production of <i>Justicia gendarussa</i> burm.f. by Tissue Culture (First Year) |
| 5 | 2010 | Microspore Induction of anggrek <i>Phalaenopsis amabilis</i> , (L) Bl. (Second Year) |
| 6 | 2009 | Antimalaria Compound Production from <i>Sonchus arvensis</i> l |
| 7 | 2008 | Microspore Induction of anggrek <i>Phalaenopsis amabilis</i> , (L) Bl. (First Year) |
| 8 | 2007 | Micropropagation of Orchid and Aglaonema |

Publication

- *Agrobacterium rhizogenes* Mediated Hairy Root Induction in *Justicia gendarussa* Burm.f 4(5):87-93 JBSAR
- Induksi akar rambut gandarusa (*Justicia gendarussa* Burm. F.) Dengan perlakuan perbedaan lama waktu infeksi *Agrobacterium rhizogenes* strain YM072001 dan A4T 5(2):38-45 Bioslogos
- Variasi Morfologi Bunga pada Beberapa Varietas *Chrysanthemum morifolium* Rahmat 2(3):209-220 Natural B: Journal of Health and Environmental
- Perkembangan Kultur Aglaonema dengan Perlakuan Kombinasi Zat Pengatur Tumbuh NAA dan 2,4-D dengan BAP 4(1):9-16 Jurnal Bioslogos

- Perkembangan Kultur Daun *Aglaonema sp.* var Siam Pearl, *Aglaonema sp.* var Lady Valentin, *Aglaonema sp.* Var Lipstik dengan Pelakuan Zat Pengatur Tumbuh IAA dan BAP 17(2):197-204 Berkala Penelitian Hayati
- Gandarusa (*Justicia gendarussa* Burm. f.) Shoots Induction by The Combination of NAA and BAP ICOWOBAS 2015 UNAIR,
- The Growth of Gandarusa (*Justicia gendarussa* Burm.f.) Callus in Dark and Light Conditions by Treatment of Sucrose. ICAMBBE, UB, Malang
- The Effect of *Agrobacterium rhizogenes* strain LB 510 Density Toward Hairy Root Induction on *Justicia gendarussa* Burm.f. 5th BASIC UB, Malang
- Hairy root development on gandarusa (*Justicia gendarussa* burm.f.) by *Agrobacterium rhizogenes* 2nd IBOC ITS, Surabaya
- Shoot Culture of *Aglaonema rotundum* N.E. Brown ICOWOBAS 2013 UTM
- Growth regulation substance of IBA and BAP induction to axillary shoots of *Aglaonema rotundum* N.E.Brown. JOINT CONFERENCE UNAIR USM

Books

- Toga Indonesia, 2016 : Airlangga University Press