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Personal Information

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Employment

2016 - 2017 Head of Collegium of Medical Laboratory Technology
2013-2016 Reviewer of LPDP (National Scholarship)
National Ministry of Finance, Indonesia
2013 Reviewer of Innovative Research Proposal (RISPRO)
National Ministry of Finance, Indonesia
2013 Reviewer of Annual Meeting on Testing and Quality Seminar (AMTeQ)
Research Center for Quality and Technology System, LIPI
2011-2016 Head Dean of Faculty of Science and Technology
Airlangga University
2009-2016 Reviewer of RISBIN – IPTEKDOK
Department of Health, Indonesia
2009-2011 Reviewer of Research and Public Service in Veterinary and Dentistry Faculty
Airlangga University
2008-2009 Reviewer PHB Proposal for Math and Science
Department of Higher Education, Indonesia
2009 Reviewer of National Research Proposal of Math and Science
Department of Higher Education, Indonesia
2006 Reviewer Research Proposal for Math and Science
Department of Research and Public Service (LPPM), Airlangga University
2006 Professor
MENDIKNAS (National Ministry of Education)

- 2001** **Associate Professor**
MENDIKNAS (National Ministry of Education)
- 2001** **Assistant Professor**
MENDIKNAS (National Ministry of Education)
- 1993** **Lecturer**
MENDIKBUD (Ministry of Education and Culture)

Education

- 1982 - 1986** **Bachelor of Science (S.Si)**
Universitas Airlangga - Surabaya
Major in Reproduction Biology
- 1990 - 1993** **Master of Science (M.Si)**
Institut Tehnologi Bandung - Bandung
Major in Developmental Biology
- 1995 - 2000** **Doctorate of Science (Dr.)**
Nagoya University – Japan
Major in Molecular Biology
- 2001** **Post- Doctorate of Science (Dr.)**
Research Institute of Environmental Medicine, Nagoya University - Japan.
Major in Molecular Biology
- Jan – Mar 2005** **International Course (teleconference)**
Tohoku University, Sendai - Japan.
Major in Biotechnology

Public Service Experience

- 2012** Guest speaker in Biology, Faculty of Mathematics and Science.
Sepuluh Nopember Institute of Technology, Surabaya
- 2013** Topic : Graduate competence of Biology in the perspective of science and technology
Universitas Muhammadiyah Surabaya, Faculty of Teaching and Education
- 2012** Topic : Continuation of experiment result in exact field for lecturer in area VII of Coordinator of Private Universities
Coordinator of Private Universities in Area VII
- 2011** Topic : The improvement of quality and productivity of university lecturer’s research experience
Universitas Negeri Malang (UM)

- 2012** Topic : Soft skill excellence in campus, in order to produce a good quality graduates
Institute Agama Islam Negeri Sunan Ampel, (IAIN Surabaya), Faculty of Tarbiyah
- 2013** Topic : Workshop and clinic about research proposal
Universitas Wijaya Kusuma Surabaya
- 2016** Topic : Strengthening Of Basic Molecular Biology Techniques Towards Autonomy Of University,
Presenting in The 40th Annual Conference of AMTT in conjunction with 16th ACCLS, Pattaya,
Cholburi, Thailand.
- 2016** Topic : Requirement For Quality And Competence Of Medical Laboratories
MUSCAB II, DPC KEDIRI
- 2016** Topic : Best Practices of Bio-ethic Learning and Application in Faculty of Science and
Technology Guest speaker in World Bioethics Day by UNESCO Chair in Bioethics.
- 2016** Topic : Role of student in supporting National Autonomy.
Guest Lecturer in Mataram University, Lombok.
- 2016** Topic : Herbal medicine
Guest Lecturer in STIKES Maharani Graduation, Malang
- 2016** Topic : The Development of Medical Laboratory Experts towards International Level
Guest speaker in RAKERNAS XII dan Temu Ilmiah (12th National Report and Scientific Meeting)
of Laboratory Technology Expert, in Medik Grand Royal Panghegar, Bandung.
- 2017** Topic : The Challenges and The Future of Medical Laboratory Experts in Indonesia
Guest Speaker in Konggres Luar Biasa (National Meeting I) of Indonesia Medical Analyst
Association in University Level. Amroossa Royal Hotel, Bogor.
- 2017** Topic : Bioethic Application in Science and Healthcare
Guest Lecturer in STIKES Anwar Medika.
- 2017** Topic : The role of Collegium in developing Education and Specialist Standard towards National
Autonomy.
Guest speaker in National Meeting of Medical Laboratory Technology Expert Association
(PATELKI), Surabaya

Organization

- 1991 – Present** Indonesian Biology Association (PBI),
- 1995 – Present** Japanese Teratology Society (member)
- 1995 – Present** Japanese Radiation Research Society (member)
- 1982 – 1984** President of Senate of Faculty of Science and Technology

Research Interest

- Reproductive Biology
- Molecular Biology
- Teratology

Research Experience

No.	Years	Title
1	2016-2017	Polysaccharides krestine potential for diabetes treatment caused by the induction of 2- Methoxyethanol in mice. (Research Leader)
2	2016-2017	Synthesis and Purification of Protein Recombinant of Kapsid Sugarcane Mosaic Virus for polyclonal antibody production as an alternative for fast detection of Mosaic disease in sugar cane. (Research Leader)
3	2014- 2015	Polysaccharide krestin immunomodulator from Corolus versicolor extract on the infection of intracellular and extracellular bacteria. (1 st member)
4	2013-2014	Cell death pattern characteristic and expression of neuroglobin gene, HIF1 α , in the cerebral cortex of Swiss Webster mice (<i>Mus musculus</i>) caused by 2-Methoxyethanol. Medical Science. Universitas Airlangga (1 st member)
5	2013-2014	The expression of mRNA Vimetin gene level and GFAP in cerebral cortex of mice caused by 2-Metoxxyethanol. Medical Science. Universitas Airlangga (2 nd member)
6	2011-2012	Hematological Effect, cell Death Characteristic and Regulation of Protein Ngb, HIF1 α During Cortex Cerebral Development After Treated with 2-Methoxyethanol.
7	2012	Toksitas Subkronis, Kronis dan Acut khusus Polysakarida dari Ekstrak Jamur Coriolus versicolor: Upaya Menggali Potensi Bahan Hayati Sebagai Immunomodulator Response Immune Terhadap Mycobacterium tubercosie.
8	2011	Ekpresi Protein Vimentin, dan GFAP terhadap penipisan Jaringan Cerebral korteks dan Dampaknya Terhadap Penurunan Kecerdasan Otak Akibat Induksi 2-Methoxyethanol.
9	2009-2010	Ekpresi Protein Vimentin, Neurofilamen dan GFAP terhadap penipisan Jaringan Cerebral korteks dan Dampaknya Terhadap Penurunan Kecerdasan Otak Akibat Induksi 2-Methoxyethanol,.
10	2009	Bioaktivitas Polisakarida Krestin dari Ekstrak jamur cariolus versicolor Sebagai Immunomodulator Respon Imun Akibat Infeksi Mycobacterium tuberculosis.

11	2008-2009	Performance of Holography Interferometer Based on Optical Reconstruction as Alternative Dental Imaging for Artificial Tooth Morphology.
12	2007-2008	Study of DNA's mitochondria molecular sequence of putting shrimp (<i>Panaeus vannamei</i>) in java: as an effort to search for the best quality shrimps which resistant to disease.
13	2007-2008	Neural Tube Defects (NTDs) Fetus Mencit (<i>Mus musculus</i>) Akibat Induksi 2-Methoxyethanol : a study on Amino Acid Sequence
14	2007	Perancangan sistem holografi digital berbasis laser sebagai alat alternative untuk dokumentasi dan diagnosis kerusakan gigi
15	2007	Khitosan sebagai penghambat apoptosis dan abnormalitas anggota depan fetus mencit akibat induksi asam retinoat
16	2006	Ekstrak Jamur (Krestine) Sebagai Penghambat Apoptosis dan Gangguan Otak Akibat Radiasi Sinar Gamma: Suatu Model Pencegahan Penyakit Degeneratif
17	2005	Pemanfaatan Ekstrak Jamur (Polysaccharide Krestine) Sebagai Penghambat Apoptosis dan mencegah Munculnya Kelainan Janin akibat Induksi 2-Methoxyethanol.
18	2003-2005	Anti oksidan Polysaccharide Krestine (PSK) sebagai penghambat apoptosis dan mencegah munculnya kelainan janin akibat induksi 2-methoxyethanol
19	2001-2004	Gangguan Migrasi dan Perkembangan Sel Saraf Pada Cerebrum dan Cerebellum Mencit Akibat Induksi 2-Methoxyethanol; Sebagai Model Mekanisme Kelainan Otak.
20	2000	Ekspresi protein penghambat calcineurin, ZAKI-4 mRNA pada otak akibat radiasi sinar X.
21	1999	Mekanisme kelainan posisi sel otak akibat radiasi sinar X

Publication

- Quantitative Structure-Cytotoxic Activity Relationship 1-(Benzoyloxy)urea and Its Derivative, *Current Drug Discovery Technologies*. Vol. 13, 2016. Suko Hardjono*, Siswandono, Purwanto and Win Darmanto.
- Production of Polyclonal Antibodies against Sucrose Transporter (SUT1) Protein Expressed in Escherichia coli BL21 and Application for Immunodiagnosis. Popy Hartatie Hardjo, Win Darmanto, Bambang Sugiharto. *Journal of Basic and Applied Scientific Research*., 5(2)24-30, 2015 ISSN 2090-4304
- Stress Reducing Substance of *Ageratum conyzoides* and Its Application to Koi Carp (*Cyprinus carpio*) Transportation. *Journal of Natural Sciences Research*. Laksmi Sulmartiwi, Win Darmanto, Mochammad Amin Alamsjah. ISSN 2224-3186 (Paper). ISSN 2225-0921 (Online) Vol.4, No.19, 2014.
- Expression of Vimentin and GFAP Protein of Cerebral Cortex and Its Impact on Corticogenesis Disorder as a Result of 2-Methoxyethanol,. (Yulia Irnidayanti, Win Darmanto. *Int. J. Morphol.*, 31(3):802-808, 2013.
- The Effects of Curcuma Heyneana Ethanolic Extract on the Superoxide Dismutase Activity and Histological Pancreas of Type 1 Diabetes Mellitus Rats, (Co-Author : Betty Lukiati, Aulanni'am, Win Darmanto); *International Journal of Basic & Applied Sciences IJBAS-IJENS* Vol: 12 No: 02; p. 22-30. (April, 2012).

- Expression of Gen Extracellular Matrix and Cell Adhesion Molecule of Brain Embrio Mice at GD-10 By real time RT-PCR. World Academy of Science, Engineering and Technology 58; 2011 (Co-Author); (Yulia Iridayanti, Win Darmanto, Agus Abadi).
- Pengaruh Asam Ascorbat terhadap Kadar Timbal Fetus dan Aktivitas Enzym Sitokrom P450 1A1 (CYP1A1) pada Induk Mencit Terintoksikasi Timbal. Berkala Penelitian Hayati (Journal of Biological Reseach). Vol. 16, No.1. P: 27-31; Desember 2010. (Co-Author) (Juliana Christyaningsih, Harianto Notopuro, Win Darmanto, Diah Titik Mutiarawati).
- Investigation of Artificial tooth Morphology Using a Holographic Interferometry Technique (Co-Author). Journal of Optoelectronics and Advanced Materials. 13 (4) 2011. (CO-ator) (Retno Apsari, Win Darmanto)
- Comparison of The Expression of cDNA Extra Cellular Matrix Protein Between Brain E-10 Black-6 Mice, hLN-405, rF-98, and Cell Line mHT-22. Submitted. (CO-ator)
- Pattern of histological damaged of testis and spermatogenic cell death in mice induced by gamma cobalt 60 irradiation, Enviro, 2005; 5(2)
- The expression of calcineurin inhibitory protein, ZAKI-4 mRNA in the brain after X-irradiation to neonatal rats. Journal of Mathematics and Science. 2002; 7(1): 25- 29
- Evaluation of optimal solution to retrieve antigenicity using microwave treatment. Environmental Medicine Japan, 2000: 44; 104-106
- Hydrocephalus in mice following X-irradiation at early gestational stage: Possibly due to persistent deceleration of cell proliferation. Journal of Radiation Research, Japan . 2000: 41; 213-226
- Derangement of Purkinje cells in the rat cerebellum following prenatal exposure to X-irradiation: Decreased Reelin level is possible cause. Journal of Neuropathology and Experimental Neurology, Amerika, 2000; 59: 245-256
- Dose response relationship of disturbed migration of Purkinje cells in the cerebellum due to X-irradiation. Environmental Medicine, Japan 1998; 42: 46-50
- Sensitivity difference between anterior and posterior lobes of rat cerebellum to prenatal exposure to 2.5 Gy X-irradiation: A histological study. Environmental Medicine, Japan 1997; 41: 93-96
- Disturbed Purkinje cells migration due to reduced expression of Reelin by X-irradiation in developing rat cerebellum. Biological Science in Space, Japan 1998: 12; 254-5.
- Abnormal foliation of the rat cerebellum following prenatal exposure to X-radiation. Teratology, USA 1998; 57: 227
- Strain difference in the folia pattern of the cerebellum of house musk shrew, Suncus murinus. Environmental Medicine, Japan, 1997; 41: 97-100
- Three-dimensional study of the cerebral vascular system in mice using corrosive resin casts. Environmental Medicine, Japan, 1996; 40: 137-141
- The lack of radio-adaptive response during induction of the neural tube to developmental defects in mice. Congenital Anomalies. Japan, 1996; 36: 199
- Cortical fiber distribution in the somatosensory cortex of rats following prenatal exposure to X-irradiation. Environmental Medicine, Japan, 1997; 41: 37-39
- Fractionated-dose effects of X-irradiation on the induction of neural tube defects in mice. Environmental Medicine, Japan, 1997; 41: 43-45
- High incidence of hydrocephalus following prenatal exposure to X-irradiation on early gestational stage in mice. Environmental Medicine, Japan, 1998; 42: 60-63.

- Role of Reelin on the brain development. *Fusii* 2000; 6: 1-4, Japan
- Development of Bergmann cell and cerebellar cortex malformation caused by X-radiation: A immunohistochemistry study using S100 and anti-GFAP. *Fusii* 2000; 6: 5-8. Japan
- Effects of methoxy acetic acid on prenatal development of mice. *Environmental Medicine, Japan*, 1994; 38: 25-28
- Effects of 2-methoxyethanol and methoxy acetic acid on preimplantation mouse embryos in vivo. *Environmental Medicine, Japan*, 1994; 38: 29-32
- Effects of 2-methoxyethanol and methoxy acetic acid on preimplantation mouse embryos in vitro. *Environmental Medicine, Japan*, 1994; 38: 33-36
- Effects of PSK, a biological response modifier, on X-ray-induced congenital hydrocephalus in mice. *Congenital Anomalies, Japan*, 2000; 40(3): 204-205
- Decreased Reelin expression causes ectopic Purkinje cells of the cerebellum following prenatal exposure to X-radiation. *Journal of Radiation Research, Japan*, 1999; 40: 446
- Disturbance of Purkinje cell migration in rats caused by X-radiation: Dose-response relationship. *Congenital Anomalies*, 1998; 38: 332
- Abnormal foliation of the rat cerebellum following prenatal exposure to X-radiation. *Teratology, America*, 1998; 57: 227
- Deranged patterning of Purkinje cells due to reduced expression of Reelin in the rat cerebellum following prenatal exposure to X-irradiation. *Environmental Medicine, Japan*, 1998; 42: 180
- Disturbed migration of Purkinje cells and abnormal foliation of the cerebellum of the rat following prenatal exposure to X-irradiation. *Environmental Medicine, Japan*, 1997; 41: 159
- Profil Distribusi iNOS dan Kadar NO Pankreas Tikus Diabetes Mellitus Hasil Induksi MLD-STZ Pasca Pemberian Ekstrak Etanol Temugiring (*Curcuma heyneana*); *Jurnal Kedokteran Hewan, Univ Syah Kuala (Akreditasi No. 81/Dikti/Kep/2011)*, (Co-Author : Betty Lukiati, Aulanni'am, Win Darmanto). Vol 6 No. 2 September 2012.
- The Role of Polysaccharide Krestine from *Cariolus versicolor* Mushroom on Immunoglobulin Isotype of Mice Which Infected by *Mycobacterium tuberculosis* *Indonesian Journal of tropical and Infectious Disease*. Vol 2: 1 January-March 2011 (Co-Author)
- Ekspresi Level Gen mRNA Protein Ekstraseluler Otak Embrio Mencit Black-6 UK-12 Akibat Induksi 2-Methoxyethanol: Analisis Secara Real Time RT-PCR. *Berkala Penelitian Hayati (Journal of Biological Research)* Vol. 15: 2, p: 163-171; 2010 (Co-Author) (Yulia Iridayanti, Win Darmanto, Agus Abadi)
- Ekspresi DNA Protein Ekstraseluler Otak Embrio UK-12 Mencit Black-6 Akibat Induksi 2-Methoxyethanol Analisis secara Real Time RT-PCR. *Berkala Penelitian Hayati (Journal of Biological Research)*. Juni 2010: 15 (2).
- Karakter Protein ICP11 pada DNA Udang *Vannamei* (*Penaeus Vannamei*) Yang Terinfeksi White Spot Syndrome Virus (WSSV). *Berkala Penelitian Hayati (Journal of Biological Research)* Desember Vol. 15: 1, p. 21-24; 2009 (Co-Author) (Yuni Kilawati, Win Darmanto) OK sdh Dana 50 jt
- Abnormal struktur histologis korteks cerebelar tikus dengan normal foliasi akibat irradiasi sinar X masa postnatal. *Bekala Penelitian Hayati*, 2005; 11(1): 13-18
- Efek 2-Methoxyethanol terhadap struktur histologi testis mencit (*Mus musculus*), *Berkala Penelitian Hayati*, 10:1; 2004
- Induksi 2-methoxyethanol pada masa prenatal sebagai penyebab kelainan otak pada mencit. *Berkala Penelitian Hayati*, 2004;10(1): 1-6.
- Pengaruh nikotin terhadap kelainan tulang dan organ internal mencit (*Mus musculus*), *Berkala Penelitian Hayati*,

2004; 9(2): 107-114

- Tingkat kelainan sel Purkinje heterotopik hubungannya dengan perbedaan sensitivitas antara lobus anterior dan posterior dari cerebellum tikus terhadap radiasi sinar-X. Berkala Penelitian Hayati. 2004; 9(2): 93-98
- Perbedaan ekspresi protein reelin antara lobus anterior dan posterior dari cerebellum tikus putih akibat radiasi sinar-X masa pralahir.. Journal of Mathematics and Science. 2003; 7(5): 105-110
- Apoptosis pada sel granulosa cerebellum tikus akibat radiasi sinar-X: Deteksi apoptosis dengan metode TACS TM insitu apoptosis detection kit. Journal of Mathematics and Science. 2002; 7(3): 133-140
- Kelainan migrasi sel granulosa dan kelainan foliasi pada cerebellum tikus puith akibat radiasi sinar-X. Journal of Mathematics and Science. 2000; 5 (3): 159 – 166
- Embriotoksitas nikotin pada mencit (*Mus musculus*) prenatal, Journal of Mathematics and Science, 2005; 9(2): 29-36
- Role of Extraceluller protein in the normal and abnormal development of rat and mice brain. International conference and workshop on basic and applied Sciences (ICOWOBAS) October 16-17th, 2015
- Overexpression of SoSUT1 Gene on Transgenic Sugarcane (*Saccharum spp. hybrids*). Popy Hartatie Hardjo, Win Darmanto, Bambang Sugiharto. 2014. The International Seminar and Workshop Indonesian Protein Society (IPS), Universitas Negeri Jember
- Sri Puji Astuti Wahyuningsih, Win Darmanto, Saikhu Ahmad Husen, Ariesta Adriana Sagita. 2014. Toksisitas subkronis polisakarida krestin dari ekstrak *Coriolus versicolor* pada histologis hati *Mus musculus*. Proseding in National Biodiversity V
- Tri Wahyu Suprayogi, Mas'ud Hariadi, Fedik Abdul Ratam dan Win Darmanto. 2013. Role of Fertility Associated Antigen (FAA) Semen Freezing Process in Cattle to Prevent Capacitation and Acrosom Reaction an Early. International Seminar The Role Veterinary Science to Support Millennium Development Goals and the 12th Asian Association of Veterinary Schools Congress, JW Marriott Hotel, Surabaya Indonesia.
- Mohammad Anam Al-Arif, Win Darmanto, Ni Nyoman Tripuspaningsih, Suwarno. Characterization of Cellulases klebsiella sp. From The gut of Golden Snail (*Pomacea canaliculata*). 2013. International Seminar The Role Veterinary Science to Support Millenium Development Goals and the 12th Asian Association of Veterinary Schools Congress, JW Marriott Hotel, Surabaya Indonesia.
- Expression of Vimentin and GFAP protein in Brain Malformation of Mice Fetus Induced by 2-Methoxyethanol. (Co-Author). Irnidayanti, Y., Darmanto, W., dan Abadi, A. 2011. Special Lecturer In: Joint International Symposium for Soc of Nursing and Health Science and 9th Spinal Cord Science, Yamaguchi University, Japan.
- ICP11 As a marker for identifying *Vannamei* (*Penaeus vanamei*) shrimp against WSSV diseases. 2011. Proceeding International Seminar (ICOWOBAS) as co-author
- Neural tube defects (NTDs) of mice embryo as effects of 2-methoxyethanol. 2011. Proceeding International Seminar (ICOWOBAS), as co-author
- Abnormal Migration of Purkinje Cell in the Development of Rat Cerebellum Following Prenatal Exposure to Heavy Ion Medical Accelerator in Chiba (HIMAC). 2009/ 2nd International Conference and workshops on Basic and Applied Sciences & Regional Annual Fundamental Science Seminar (ICORAFSS); UTM Malaysia.
- Evaluation of Developmental Toxicity of X-Irradiation and 2-Methoxyethanol to Rats and Mice. 2007. International Conference and Workshop Biosciences (ICOWOBAS). Surabaya
- Polysaccharide Kristine as an Apoptosis Inhibitor and Protective Effects of Brain Defects Caused by Gamma Cobalts60 Rays. 2007. Proceeding International Conference: Biotechnology and pharmaceuticals: Enhancing the Quality of Life, USM-UNAIR, Penang Malaysia
- The potency of Polysaccharide Kristine (PSK) as an apoptosis inhibitor and protective effects of gamma cobalt60

irradiation and 2-methoxyethanol induces congenial malformation. 2006. Proceeding ASEAN Biochemistry Seminar.

- Immunohistokimia terhadap IP3 receptor untuk observasi perkembangan normal dan abnormal sel Purkinje pada cerebellum tikus. 2005. Proceeding in National Seminar of Biology and Learning Process. Faculty of Science and Mathematics, UMN Malang
- Whole mount immunohistokimia terhadap neurofilament dan NCAM untuk mendeteksi kelainan perkembangan pada embrio mencit akibat 2-methoxyethanol dan polysaccharide Krestine (PSK). 2005. Proceeding in National Seminar of Biology, Faculty of Science and Mathematics, Airlangga University, Surabaya.
- Insiden kelainan eksternal pada fetus mencit akibat senyawa 2-methoxyethanol dan polysaccharide krestine (PSK). 2005. Proceeding in National Seminar of Biology, Faculty of Science and Mathematics, Airlangga University, Surabaya.
- Pemanfaatan Polysaccharide Krestin (PSK) dalam mencegah efek toksik 2-methoxyethanol pada perkembangan embrio mencit. 2005. Proceeding in National Seminar of "BIOMASSA LIGNO-SELULOSA", Faculty of Science and Mathematics, Airlangga University, Surabaya.
- Polysaccharide Krestin (PSK) dalam menghambat kematian sel /apoptosis dan menetralkan free radical pada mencit akibat 2-ME. 2005. Proceeding in National Seminar of "BIOMASSA LIGNO-SELULOSA". Faculty of Science and Mathematics, Airlangga University, Surabaya.
- Is the neural stem cells have a play the role of the changes expression of calcineurin inhibitory protein, ZAKI-4 in the brain after X-irradiation to adult mice. 2002. Proceedings Congress I of Reproduction Biotechnology, Brawijaya University, Malang.
- Abnormal foliation of cerebellum and disturb migration of Purkinje cells of rats following prenatal exposure to X-irradiation. 1997. Proceedings of the 6th Scientific meeting (TI-VI) Indonesian Students Association in Japan, Gifu, Nagoya, p. 72-76
- Developmental defects of cerebellar cortex rats following prenatal exposure to X-irradiation. 1998. Proceedings of the 7th Scientific meeting (TI-VI) Indonesian Students Association in Japan, Hiroshima, p. 6-9
- Effects of 2-methoxyethanol on the somite formation and skeletal malformation of mice. 1998. Proceedings of the 7th Scientific meeting (TI-VI) Indonesian Students Association in Japan, Hiroshima, p. 19-22
- Effects of X-radiation on Reelin levels and migration of Purkinje and Bergmann cells of cerebellum of rats. 1999. Proceedings of the 8th Scientific meeting (TI-VI) Indonesian Students Association in Japan, Osaka, p. 169-172
- Embryo developmental disturbs caused by methoxyacetic acid (MAA). 1999. Proceedings of the 8th Scientific meeting (TI-VI) Indonesian Students Association in Japan, Osaka, p. 173-176
- Decreased Reelin expression causes deranged patterning of Purkinje cells in rat cerebellum following prenatal exposure to X-radiation. 1999. Proceeding of the 39th Annual Meeting of the Japanese teratology Society Program; 119
- Disturbed Purkinje cell migration and abnormal foliation of the rat cerebellum caused by prenatal exposure to X-radiation. 1998. Proceeding of the 41th Annual Meeting of the Japan Radiation Research Society ;149
- Disturbed Purkinje cells migration due to reduced expression of Reelin by X-irradiation in developing rat cerebellum. 1998. Symposium Space Medicine; Nagoya, Japan
- Effects of X-radiation on the development of cerebellar cortex on rat. 1998. International Symposium on Environmental Medicine : Current Activities in Space Biomedical Research, Nagoya, Japan

Books

- *Basic Biology 1*. 2015. 140 pages. Department of Biology, Faculty of Science and Technology, Airlangga University.
- *Basic Biology 2*. 2015. 160 pages. Department of Biology, Faculty of Science and Technology, Airlangga University.
- *Practical Guide of Animal Physiology*. 2015. 55 pages. Department of Biology, Faculty of Science and Technology, Airlangga University.
- *Practical Guide of Molecular Genetics*. 2015. Department of Biology, Faculty of Science and Technology, Airlangga University.