



Dr.Ir.Dyah Hariani, M.Si.

Position	Lecturer of Animal Development Structure		
	Doctor in Fisheries and Marine Sciences since July, 2015		
	Degree	University	Year
Academic career	Gradute program at Faculty of Animal Science (S-1 Program)	Brawijaya University Indonesia	1978-1984
	Government employer at Ministry of National Education as a Unesa's Institution Lecture	Unesa (State University of Surabaya)	1986- Now
	Postgraduate Program in Reproduction Biology (Master program)	Airlangga University Indonesia	1995-1998
	Doctor program in Faculty of Fisheries and Marine with Fisheries and marine science study program	Brawijaya University Indonesia	2010-2015
Employement	Unesa's Institution		
	Position	Employer	Periode
	Doctor on Biology	Unesa, Indonesia	2015-Now
Laboratory Sub Head of Structure and Development	Departement of Biology Unesa	2015-now	

<p>Research and Development project over the last 5 Years</p>	<p><b>2018 and 2019 (2 years): Dinamika Molekuler Androgen Binding Protein (ABP) Akibat Induksi Laserpunktur Pengaruhnya Terhadap Peningkatan Kadar Testosteron dan Nilai Gonado Somatic Index (GSI) Induk Lele (<i>Clarias sp</i>) Jantan, PDUPT, (Ketua) Dit.litabmas Kemenristekdikti, Rp. 147,905,500 (Ketua)</b></p> <p><b>(Molecular dynamics of androgen binding protein due to laserpuncture induction influence on increased testosterone levels and gonado somatic index value of male catfish (<i>Clarias sp</i>), Penelitian Dasar Unggulan Perguruan Tinggi, Dit.litabmas Kemenristekdikti, IDR 147,905,500 (Head)</b></p> <p><b>2018 and 2020 (Tahun ke1 dan ke-2):</b> Percepatan Penyiapan Induk Ikan Lele (<i>Clarias sp</i>) Matang Gonad dan Pengadaan Benih Sekala Massal Melalui Teknologi Laserpunktur Dipadukan dengan Teknologi Bioflok untuk Mendukung Program Industrialisasi Benih, PSNI, Dit.litabmas Kemenristekdikti, Rp 243,800,000 (Anggota)</p> <p>Acceleration of preparation of catfish (<i>Clarias sp</i>) mature gonad and biomass scala seed procurement through laserpuncture technology combined with biofloc technology to support seed industrialization program, PSNI, Dit.litabmas Kemenristekdikti, IDR 243,800,000 (Member)</p> <p><b>2017:</b> Analisis Kerusakan Molekul Sel melalui Reaksi Oksigen Spesifik (ROS) pada <i>Amyntas robbustus</i> yang Hidup pada Lahan Tercemar Logam Pb dan Cr, Penelitian Kebijakan FMIPA UNESA, Rp10,000,000 (Anggota)</p> <p>Analysis of cell molecular damage through the specific oxygen reaction (ROS) of <i>Amyntas robbustus</i> living on Pb and Cr metal polluted land, UNESA FMIPA Policy Research, Unesa IDR 10,000,000 (Member)</p> <p><b>2016:</b> Pemanfaatan Probiotik Untuk Memperbaiki Kualitas Pakan dan Perairan Pada Budidaya Ikan Lele Ramah Lingkungan, Penelitian Kebijakan FMIPA UNESA, Rp10,000,000 (Ketua)</p> <p>Utilization of probiotics to improve feed and aquatic quality in environmentally friendly Catfish cultivation, UNESA FMIPA Policy Research, Unesa IDR 10,000,000 (Head)</p> <p><b>2015 and 2017 (3 years): Penelitian Hibah Bersaing: Pemberian kadar protein dan induksi laserpunktur sebagai upaya perbaikan kualitas telur dan sperma ikan lele (<i>Clarias sp</i>), Penelitian Hibah Bersaing, Dit.litabmas Kemenristekdikti Rp. 200,000,000 (Anggota)</b></p> <p><b>Provision of protein levels and induction of laserpuncture as an effort to improve the quality of eggs and sperm of catfish (<i>Clarias sp</i>), Competitive Research Grant, IDR 200,000,000 (Member)</b></p> <p><b>2015: Lesson study pada matakuliah Reproduksi hewan di program studi Pendidikan Biologi. Jurusan Biologi FMIPA UNESA. Surabaya. Rp 300.000 (Tunggal)</b></p>
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	<b>Title</b>	<b>Year</b>
Patent and Proprietary Right	<b>Pungky Slamet Wisnu Kusuma, Dyah Hariani</b> <b>PAKAN FORMULA PROBIOTIK DIPADUKAN</b> <b>INDUKSI LASERPUNKTUR GUNA</b> <b>MEMPERCEPAT INDUK LELE (Clarias sp)</b> <b>MATANG GONAD SIAP DIPIJAHKAN</b> Jenis : PATEN SEDERHANA Nomor P/ ID : 2018/S/00804 Tanggal 12 Oktober 2018	12 Oktober 2018
Potential Articles over last 5 years	<b>Dyah Harian and Pungky Slamet WK</b> Combination of feed protein level and laserpuncture induction of broodstock catfish (Clarias sp) to increase estrogen, vitellogeni, and egg quality. Eurasian Journal of Biosciences, 2019 - Volume 13 Issue 2, pp. 769-779. <a href="http://www.ejobios.org/.../combination-of-feed-protein-level-and-laser-puncture-induction-o">http://www.ejobios.org/.../combination-of-feed-protein-level-and-laser-puncture-induction-o</a>	2019
	<b>Wisnu Kusuma PS, and Hariani D</b> Biological study of increasing vitellogenin level and gonado somatic index by laserpuncture exposure at any protein level of dietary on catfish broodstock (Clarias sp.). Eurasian Journal of Biosciences, 2019 - Volume 13 Issue 1, pp. 177-183 <a href="http://www.ejobios.org/www.ejobios.org">http://www.ejobios.org/www.ejobios.org</a>	2019
	<b>Moh. Yunus Anis, dan Dyah Hariani</b> Pemberian Pakan Komersial dengan Penambahan EM4 (Effective Microorganisme 4) untuk Meningkatkan Laju Pertumbuhan Lele (Clarias sp.) Jurnal Riset Biologi dan Aplikasinya. Volume 1, Nomer 1, 8 hal. Maret 2019. <a href="https://journal.unesa.ac.id/index.php/risetbiologi/article/view/4140/0">https://journal.unesa.ac.id/index.php/risetbiologi/article/view/4140/0</a>	2019
	<b>Pungky Slamet WK, Dyah Hariani, Mohamad Fadjar</b> Probiotics Utilization in Feed to Increase Hepatosomatic Value Index (HSI) and Gonado Somatic Index (GSI) in Catfish (Clarias sp.) Broodstock PLANT AND ANIMAL RESEARCH JOURNAL 2018, Vol. 1, No. 3, 62 – 67 <a href="http://dx.doi.org/10.11594/parj.01.03.01">http://dx.doi.org/10.11594/parj.01.03.01</a>	2018,
	<b>Pungky Slamet Wisnu Kusuma, Dyah Hariani</b> The role of laserpuncture exposure on gonad maturation mechanism of catfish (Clarias sp.) through Ca <sup>2+</sup> , PKC and GABA neurotransmitter; Egyptian Journal of Aquatic Research 43 (2017) 303–305. <a href="https://doi.org/10.1016/j.ejar.2017.10.006">https://doi.org/10.1016/j.ejar.2017.10.006</a> <a href="http://creativecommons.org/licenses/by-nc-nd/4.0/">http://creativecommons.org/licenses/by-nc-nd/4.0/</a>	2017

	<b>Pungky Slamet Wisnu Kusuma, Dyah Hariani</b> <b>Effect of Laser Puncture and Varied Protein Diets on the Vitellogenin Level and Gonadosomatic Index of African Catfish (Clarias Sp.) Fed for 8 Weeks. International Journal of Innovative Studies in Aquatic Biology and Fisheries (IJISABF) Volume 3, Issue 1, 2017, PP 38-45</b> doi: <a href="http://dx.doi.org/10.20431/2454-7670.0301005">http://dx.doi.org/10.20431/2454-7670.0301005</a> www.arcjournals.org		2017
	<b>Dyah Hariani dan Tarzan Purnomo</b> Pemberianprobiotik dalam pakan untuk budidaya ikan lele. Stigma Journal of Science.Volume 10 Nomer 01. Hal. 31-35. April 2017		2017
	<b>Kusuma S.W dan Hariani D</b> Pengaruh waktu, level protein pakan dan paparan laserpunktur terhadap peningkatan nilai Gonado Somatic Index )GSI) induk ikan lele (Clarias sp) Kusuma P.S.W dan Hariani D. Stigma Journal of Science 9 (2):28-32; September 2016		2016
	<b>D. Hariani dan P. S. W. Kusuma</b> Efektifitas induksi laserpunktur dan ovaprim terhadap kecepatan pemijahan dan jumlah telur yang terbuahi pada induk lele (Clarias sp) Stigma Journal of Science 9 (2): 1-5; September 2016.		2016
	<b>Pungky S.W. Kusuma, Ngadiani Ngadiani, Dyah Hariani</b> <b>Utilization of laserpuncture induction as spawning stimulation in catfish (Clarias spp.) crossbreeding toward egg quality.</b> Egyptian Journal of Aquatic Research .41, 353-358 <a href="http://dx.doi.org/10.1016/i.eiar.2015.19.003">http://dx.doi.org/10.1016/i.eiar.2015.19.003</a> . <a href="http://ees.elsevier.com/ejar">http://ees.elsevier.com/ejar</a>		2015
Activities in Specialist Bodis	Organization	Position	Period
	Indonesian Biology Association	Member	1990- Now