



..

1	Nama Lengkap (dengan gelar)	Dr. Diana Widiastuti, S.Si., M.Phil
2	Jenis Kelamin	Wanita
3	Jabatan Fungsional	Lektor Kepala
4	NIP/NIK	1.0813 016 617
5	NIDN	0425027106
6	Tanggal Lahir	Bogor 25 Februari 1971
7	E-mail	dianawidi25@unpak.ac.id
8	Nomor Telepon/HP	(0251)7558042/081383931071
9	Alamat Rumah	Summarecon Bogor, Mahogany Resident MT 03/25
10	Alamat Kantor	(0251) 8375547
12	Scopus	57204633310 / https://www.scopus.com/authid/detail.uri?authorId=57204633310
13	Sinta	6000542 https://sinta.kemdikbud.go.id/authors/profile/6000542
14	reseachgate	https://www.researchgate.net/profile/Diana-Widiastuti-3
15	publon	AHH-9451-2022
16	orchid	https://orcid.org/0000-0001-6844-3906
	Sinta Overall	1.726 per 8 Nopember 2025
	H-Indeks Scopus	9 per 8 Nopember 2025
	H-Indeks WOS	2 per 8 Nopember 2025
	H-Indeks Google Scholar	11 per 8 Nopember 2025

Pendidikan

Tahun Lulus	Jenjang Pendidikan	Nama Lembaga Pendidikan	Jurusan/Prodi
1990	SMK-Kimia	SMAKBO	Kimia
1999	Strata-1	Universitas Pakuan	Kimia
2005	Strata-2	Osaka Prefecture University	Kimia
2022	Strata-3	Universitas Padjadjaran	Kimia

Bidang Keahlian Dan Kompetensi

Kompetensi

- Asesor BKD Nasional
- Asesor Kompetensi BNSP
- Kompetensi BNSP Kepala Laboratorium
- Kompetensi BNSP K3 Laboratorium
- Kompetensi BNSP Ahli Muda K3
- Kompetensi BNSP Petugas K3
- Kompetensi BNSP Volumetri

Pengalaman Kerja

Jabatan	Institusi	Tahun
Analisis Kimia	Pt. Van Melle Indonesia - Jakarta	1992-1995
Supervisor R&D	Pt. Van Melle Indonesia - Jakarta	1995-1999
Staff Laboratorium	Mandai Company - Osaka Jepang	2000-2003
Manager Pabrik	Indopangan - Jakarta	2005-2006
Manager Pemasaran	Pt. Karya Buana Abadi	2006-2012
Marketing Manager	Pt. Mitra Lestari	2012-2018
Guru Honorar	SMA Negeri 2 Bogor (Kimia & Bhs. Jepang)	2006-2013
Dosen Prodi Kimia	FMIPA Universitas Pakuan	2012 - now
Kepala Lab Kimia	FMIPA Universitas Pakuan	2013-2020
Manajer Teknik Lab Service (Laboratorium Jasa)	Lab Service-FMIPA Univ. Pakuan (Terakreditasi ISO 17024)	2018-2021
Kepala Divisi Kerjasama	FMIPA Univ. Pakuan	2017-2021
Kepala Laboratorium Service	Lab Service- FMIPA Univ. Pakuan	2020 - 2025
Ketua Penjaminan Mutu	Universitas Pakuan	2025 - Sekarang
Kepala Tempat Uji Kompetensi BNSP	Lab Service- FMIPA Univ. Pakuan	2019-Sekarang

General Manager	DNA Favorit Grup • Klinik Kesehatan (Poli umum, poli gigi dan poli kecantikan)- Direktur Klinik • Laboratorium Kultur Jaringan • Laboratorium Mikrobiologi • Laboratorium Kesehatan • Laboratorium COvis-16	2022-Sekarang
Manager Puncak	Laboratorium Lingkungan PCS (akreditasi ISO 17025 dan ter-registrasi KLH)	2023-sekarang

Penelitian

Tahun	Judul Kegiatan	Sumber Dana
2025	Perbaikan Genetik Sorgum dan Jagung Produktivitas Tinggi Menggunakan <i>Genome Editing</i> dan Berbantu Marka Molekuler Uji Daya Hasil Lanjut pada Galur F7 Hasil Persilangan Bioguma dan Gando Keta	Riset Rumah Program di Lingkungan Organisasi Riset Pertanian dan Pangan (BRIN)
2024	Upaya konservasi ek situ dan riset populasi keragaman anggrek di Kawasan Ibu Kota Nusantara (IKN)	Pendanaan Riset Dan Inovasi Untuk Indonesia Maju - Ekspedisi (BRIN)
2024	Rekayasa Bioproses Kultur In-Vitro Sel <i>Rauwolfia serpentina</i> Penghasil Senyawa Anti- Hipertensi Untuk Bioindustri Herbal	Rumah Program Purwarupa Bahan Baku Obat Terapi Terarah Organisasi Riset Kesehatan Badan Riset Dan Inovasi Nasional (BRIN)
2024	Uji Daya Hasil dan Uji Tekstur Pulen Generasi Lanjut Sorgum Persilangan Varietas Bioguma dan Gando Keta	Kegiatan Riset Rumah Program Di Lingkungan Organisasi Riset Pertanian Dan Pangan Badan Riset Dan Inovasi Nasional (BRIN)
2024	Pengembangan Material <i>Smart Food Packaging</i> Berbasis Paduan Biopolimer untuk Monitoring Kualitas dan Keamanan Produk Pangan	Skema Penelitian Fundamental Reguler KEMENRISTEK DIKTI

2023	Aktivitas Anti-Mikroba Ekstrak Umbi Singkong Sao Pedro Petro (<i>Manihot esculenta</i> Crantz) terhadap <i>Staphylococcus aureus</i> , <i>Pseudomonas aeruginosa</i> dan <i>Candida albicans</i> Serta Identifikasi Senyawa Aktifnya	Hibah Internal Yayasan Pakuan Siliwangi
2022	Aktivitas Anti Diabetes Dan Indentifikasi Senyawa Aktif Bunga Belimbing Wuluh (<i>Averrhoa bilimbi</i> L.)	Hibah Internal Yayasan Pakuan Siliwangi
2021	Aktivitas Sitotoksik Senyawa Steroid Dari Umbi Singkong <i>Manihot esculenta</i> Crantz Terhadap Sel Kanker	Hibah Internal Yayasan Pakuan Siliwangi
2023	Pendekatan Quality Function Deployment (QFD) pada Analisa Pasar Pengembang Produk Kaldu bubuk Ikan Lele	Hibah Internal Yayasan Pakuan Siliwangi

Narasumber

No	Kegiatan
41	Pelatihan Kepala Laboratorium, Bogor 5 November 2025
40	Pelatihan K3 Laboratorium, Politehnik Samarinda 3 November 2025
39	Pelatihan system manajemen mutu ISO 17025, Samarinda, 30 Oktober 2-25
38	Pelatihan Audit Internal Laboratorium ISO 17025:2017, Cikarang, 27-28 Oktober 2025
37	Pelatihan Managemen Labortorium Sekolah di Kab Bogor, 24 Oktober 2025
36	Pelatihan K3 Umum, Kementrian Kehutanan,, 2 Oktober 2025
34	Pelatihan K3, Univ Pertahanan,, 9 Agustus 2025, Bogor
33	Trainer Pelatihan K3 Laboratorium, BPMSP, 8 Agustus 2025
32	Trainer Pelatihan K3 Laboratorium, PAM Jaya-Jakarta, 5 Agustus 2025
31.	Trainer Pelatihan Kalibrasi, Ketidakpastian metode, validasi dan verifikasi Metode, 29-31 Juli 2015, Bontang , Kalimantan Timur
30	Trainer Pelatihan K3 Laboratorium, Kimia Universitas Indonesia 4-5 November 2024
29	Trainer K3 Lab PT. Merck Indonesia, Phitagoras Training and Consulting, Jakarta 6-9 Januari 2025
28	Trainer Pelatihan K3 Laboratorium, Lab Farmasi FMIPA Unpak, Bogor 4 Desember 2024
27	Trainer Petugas Pengambil Contoh Uji (PPCU), Kimia Universitas Indonesia 6-7 November 2024
26	Trainer Pelatihan K3 Laboratorium, Farmasi Universitas Indonesia 4-5 November 2024

25	Trainer Good Laboratory Practice (GLP), PT. Bukit Muria Jaya Karawang 24-25 Oktober 2024
24	Pelatihan Pemahaman ISO/IEC 17025:2017 Persyaratan Umum Kompetensi Laboratorium Pengujian dan Kalibrasi - Fak Teknik Universitas Negeri Jakarta, 15-16 Oktober 2024
23	"Peningkatan Kompetensi PLP melalui Sertifikasi Profesi" Univ. Jenderal Soedirman, Purwokerto, 7 Oktober 2024
22	Pelatihan K3 Laboratorium- Univ. Padjadjaran FPIK- 2 Oktober 2024
21	Pelatihan Sertifikasi Kompetensi Petugas K3 Laboratorium, Bogor 28-30 Agustus 2024
20	Diklat Nasional, Pelatihan Pengelolaan Laboratorium Pendidikan dan Kesehatan, Makasar 11-13 Juni 2024
19	Trainer Petugas K3 Umum, Lampung 5-10 Agustus 2024
18	Trainer K3 Laboratorium dan Kepala Lab, Bogor 25-27 April 2024
17	Trainer K3 Laboratorium, Bogor 22-24 April 2024
16	Trainer Ahli Muda K3, Univ Lampung 15-18 Desember 2023
15	Trainer Penyelia Laboratorium Bogor 22 Nopember 2023
14	Trainer K3 Laboratorium, Bogor 14 Nopember 2023
13	Trainer Ppcu Mainan, Serpong 8-10 Oktober 2023
12	Trainer Ppcu Pupuk, Pupuk Indonesia, Bandung 1 Agustus 2023
11	Workshop Pelatihan K3, Univ Pertahanan 21 Juli 2023
10	Trainer Petugas K3 Laboratorium, Fave Hotel Bogor 28 Juli 2023
9	Trainer Ahli Muda K3, Bogor 15 April 2023
8	Trainer Ppcu Pupuk, Pupuk Indonesia Bandung, 5 Juni 202
7	Validasi Metode Pengujian - Mutu Institut, 11 September 2022
6	Pengujian Mutu Beras - Mutu Institut, 13 Oktober 2022
5	Pengenalan Iso 17025 - Bogor, Maret 2023
4	Review Design Ruang Laboratorium, Museum Dan Cagar Alam, Jakarta 24 Feb 2023
3.	Strategi Meeting Peningkatan Kompetensi, Univ Bengkulu 22 Juni 2023
2	Inovasi Penelitian&Pendidikan Kimia, Univ Mulawarman 3 Nov 2022
1	Trainer Petugas K3 Laboratorium, Ipbcc Bogor, 26-27 Okt 2022

Workshop/ Pelatihan

No	Kegiatan
31	Pelatihan Auditor Mutu Internal SPMI, 13-14 Oktober 2025, Bogor
30	Pelatihan Audit Internal, Lab Service FMIPA Unpak, Bogor 21 September 2024
29	Workshop Cara kalibrasi, Maintenance, dan Troubleshooting Instrumentasi Balance & Moisture Analyzer Bogor 19 September 2024
28	Forum PVTTP (Pusat Perlindungan Varietas Tanaman dan Perijinan Pertanian), Jakarta 15 Maret 2024
27	Workshop Peningkatan Kualitas Penulisan Proposal Pengabdian Pada Masyarakat, Kemenristek Dikti 18 Maret 2024
26	Pelatihan Penulisan Paten-Kemenristek Dikti, 1-3 Nopember 2023, Bogor
25	Bimbingan Teknis Kepala Laboratorium Perguruan Tinggi, 26 Juli - 9 September 2023, Universitas Pendidikan Indonesia
24	Pelatihan Asesor Kompetensi-Bnsp 30 Nov-Des 2022, Bandung

23	Sertifikasi Kompetensi Dan Pelatihan Metode Volumetri Untuk Pangan Bogor 16-19 Mei 2022
22	Analisis Risiko Dan Peluang Di Laboratorium Pengujian Sesuai Iso 17025:2017, Jakarta 2 April 2022
21	<i>Advancing Food Adulteration Testing With State-Of-The- Art Technology: Droplet Digital Pcr (Ddpcr)</i> - Jakarta 28 October 2021
20.	<i>Regulation, Compliance, And Halal Testing Analysis</i> , Pt. Ditek Jaya, Okt 2020, Jakarta
19.	<i>Workshop On Secondary Metabolites From Endophytic Fungi</i> , Lab Sentral, Univ Padjadjaran, Okt 2020, Bandung
18.	Analisa Cod Refluks Tertutup Secara Spektrofotometri, Labmania, Agust 2020, Jakarta
	Konsep Dan Aplikasi Penanganan Dan Pengolahan Limbah Laboratorium, Bogor 13 Juli 2021
17.	<i>Detection Methods In Flash Chromatography</i> , Buchi-Lab Service Fmipa Univ. Pakuan, Juni 2020
16.	Audit Internal Pada Laboratoriumsesuai Standar Internasional, Labmania, Jun-20, Jakarta
15.	Peran Serta Tantangan Profesi Plp Dalam Penanganan Covid-19 Dan Analisis Jabatan Plp, Lab Indonesia, Jun-20, Jakarta
14.	Seputar Daging Halal:Identifikasi & Analisis, Ipb, Juni 2020, Bogor
13.	Pelatihan K3 Umum dan K3 Laboratorium, Jun-2020, Bogor
12.	Training Teknik Pembuatan Kebijakan Mutu & Sasaran Mutu Di Laboratorium, Lab Mania, Jun-2020, Jakarta
11.	Validasi Dan Verifikasi Metode Analisa Kimia Lab Mania Apr-20, Jakarta
10.	Mengenal Lebih Dekat SNI ISO 17025:2017 BSN May-20, Jakarta
9.	Workshop Analytical And Semipreparative Hplc And Lc-MS/MS For A Straightforward, Separation And Identification Padjadjaran Univ Mar-20 Bandung
8.	Teknik Pembuatan Kebijakan Mutu & Sasaran Mutu di Laboratorium, Jun 2020, Jakarta
7.	<i>Western Blot Data</i> , Elokarsa Utama, Jun 2020, Jakarta
6.	<i>Jisc/Jsa/Iso Workshop For Indonesia On Intenational Standardization, Japanese Industrial Standard Committee (Jisc)</i> , Jan-20, Jakarta
5.	<i>Low-Carb Food Processing For Heathier Lifestyle</i> , National University Vietnam And Univ. Pakuan, Agus 2019, Bogor
4.	<i>One Day Seminar On Liquid Chromatography</i> , Ipb, Jul-19 Bogor
3.	Workshop Penyusunan Panduan Mutu Sistem Manajemen Mutu Laboratorium Berdasarkan Iso/Iec 17025:2017, Seameo Biotrop, Mar-19, Bogor
2.	Training Kelas Pengetahuan Exclusive Penetapan Ketidakpastian Kimia, Labmania, Feb 2019, Jakarta
1.	<i>Workshop Do Research In Bsl-3 Laboratory</i> , Ristekdikti & Univ Padjadjaran, Des 2018, Bandung

Publikasi

53	Wira Eka Putra, Diana Widiastuti, Arief Hidayatullah, Muhammad Fikri Heikal, Sustiprijatno; Molecular Docking and Dynamics Simulation Assessment of Multiple Bioactive Compounds from the Zingiberaceae Family as anti-malarial Drug Candidates through Inhibiting Duffy Antigen Receptor for Chemokines (DARC) Protein, Jordan Journal of Biological Sciences, <i>Volume 19, Number 1, March 2026 ISSN 1995-6673 Pages 105 – 112 Scopus-3</i> https://doi.org/10.54319/jjbs/190110 https://jjbs.hu.edu.jo/vol19.htm
----	--

52	Wira Eka Putra, Diana Widiastuti , Arief Hidayatullah, Muhammad Fikri Heikal, Sustiprijatno, Molecular Docking and Molecular Dynamics Simulation of Kaempferia galanga Bioactive Compounds as Cancer Immunotherapy against PD-L1 Through Inhibition of RAS, JAK, ERK Protein, Jordan Journal of Biological Sciences Volume 18, Number 3, September 2025 ISSN 1995-6673 Pages 403 – 410 (Scopus-3) https://ijbs.hu.edu.io/files/vol18/n3/Paper%20Number%203.pdf
51	A.M. Rosyada Yusuf, W.E. Putra, H. Susanto, D. Widiastuti , A. Hidayatullah, M.F. Heikal and Sustiprijatno, Potential Drug Screening of <i>Alpinia galanga</i> (L.) Willd Bioactive Compound against Inhibitor Enoyl-AcylCarrier Protein Reductase (INHA) <i>Mycobacterium Tuberculosis</i> , ASM Sc. J., 20(2), 2025 (Scopus-4) https://doi.org/10.32802/asmscj.2025.1763
50	Wira Eka Putra, Sustiprijatno, Arief Hidayatullah, Diana Widiastuti , Muhammad Fikri Heikal, <i>In silico</i> Computational Study of Cinnamon (<i>Cinnamomum verum</i>) Bioactive Compounds as Cancer-Immunotherapy Drug Candidate Targeting RAS-JAK-ERK Signaling Pathway to Inhibit the Programmed Death Protein Ligand 1 (PD-L1) Expression, <i>J. Mex. Chem. Soc.</i> 2025 , 69(4) Regular Issue ©2025, Sociedad Química de México ISSN-e 2594-0317 (Scopus-3) https://www.jmcs.org.mx/index.php/jmcs/article/view/2241
49	Wira Eka Putra, Arief Hidayatullah, Diana Widiastuti , Hary Isnanto, Muhammad Fikri Heikal, Sustiprijatno, Integrative computational approach to farnesyltransferase inhibition toward anti-liver cancer drug candidate from Syzygium cumini essential oils, Molecular Biology Research Communications 2026;15(1):49-61 – (Scopus-4) DOI:10.22099/mbrc.2025.54110.2201 https://mbrc.shirazu.ac.ir/article_8333.html
48	Wira Eka Putra, Arief Hidayatullah, Diana Widiastuti , Muhammad Fikri Heikal, Sustiprijatno Sustiprijatno, Exploring honey-derived compounds as potential inhibitors of NDRG1 for breast cancer treatment under hypoxic conditions: a multiomics profiling, molecular docking, and molecular dynamics study Future Journal of Pharmaceutical Sciences https://doi.org/10.1186/s43094-025-00854-y (2025) 11:139 https://link.springer.com/article/10.1186/s43094-025-00854-y impact factor >3.0 in springer nature
47	Endang Gati Lestari, Heny Herawati, Suarni Suarni, Muhammad Iskandar Ishaq, Karlina Syahrudin, Diana Widiastuti , Ade Heri Mulyati, Rossa Yunita, Muhammad Luthfan Haziman, and Suparjo, Nutritional profiling and selection of promising F3 sorghum genotypes from bioguma and Gando Keta crosses for food security and industrial applications, <i>Food and Humanity</i> 4 (2025) 100574 (Scopus-2) https://www.sciencedirect.com/science/article/pii/S2949824425000783?via%3Dihub
46	Ade Heri Mulyati1, Diana Widiastuti , Arsyana Kurniasari, Gina Nadifah, Siska Elisahbet Sinaga and Wira Eka Putra, Anti-Cholesterol Activity, LC-MS/MS Compound Profiling, and In Silico Analysis of Menteng (<i>Baccaurea racemosa</i> Muell. Arg.) Leaves Extracts. <i>TRENDS IN SCIENCES</i> 2025; 22(7): 10003 (Scopus-2) https://tis.wu.ac.th/index.php/tis/article/view/10003
45	Wira Eka Putra, Diana Widiastuti , Arief Hidayatullah,, Muhammad Fikri Heikal, and Sustiprijatno, In silico elucidation of antidiabetic activity and ADMET evaluation of bitter melon (<i>Momordica charantia</i> L.) bioactive compounds targeting peroxisome proliferator activated receptor gamma, <i>Mindanao Journal of Science and Technology Vol. 23 (1) (2025) 102-120</i> (Scopus-4) https://mjst.ustp.edu.ph/index.php/mjst/article/view/2384

44	Wira Eka Putra, Sustiprijatno, Arief Hidayatullah, Diana Widiastuti , Muhammad Fikri Heikal and Hary Isnanto, <i>In Silico Investigation of Phytoconstituents as Inhibitor Candidate from Indonesian Medicinal Plants against Sars-CoV2 3CLpro, PLpro, and RdRp Protein</i> . ASM. Sc. J., 20(1), 2025 (Scopus-3) https://doi.org/10.32802/asmscj.2025.1572 https://www.akademisains.gov.my/asmsj/article/in-silico-investigation-of-phytoconstituents-as-inhibitor-candidate-from-indonesian-medicinal-plants-against-sars-cov2-3clpro-plpro-and-rdrp-protein/
43	Arief Hidayatullah, Diana Widiastuti , Wira Eka Putra*, Muhaimin Rifa'i, Muhammad Fikri Heikal and Sustiprijatno, TLSR, 36(1), 2025© Penerbit Universiti Sains Malaysia, 2025 Virtual Screening, Molecular Docking and Molecular Dynamics Simulation of Bioactive Compounds from Various Indonesian Medicinal Plants as Potential Inhibitors of Human Papillomavirus Type 16 E6 Protein in Cervical Cancer Development, Tropical Life Sciences Research, 36(1), 1–24, 2025. (Scopus-2) https://ejournal.usm.my/tlsr/article/view/tlsr_36_1_1
42	Henny Purwaningsih*, Nor Pana Yupa, Tetty Kemala, Kustiariyah Kustiariyah and Diana Widiastuti , Intelligent food packaging from Ganyong starch (Canna Edulis Kerr.) modified with nanocellulose from corn husk (Zea mays) and curcumin as bioindicator, From the journal <i>Pure and Applied Chemistry</i> , February 24, 2025, pp 1-14 (Scopus-2) https://doi.org/10.1515/pac-2024-0380 https://www.degruyter.com/document/doi/10.1515/pac-2024-0380/html
41	Rossa Yunita, Endang Gati Lestari, Sitti Fatimah Syahid, Media Fitri Isma Nugraha, Sustiprijatno, Deden Sukmadjaja, Diana Widiastuti , Evan Maulana (2024) In vitro shoot response of Rauvolfia serpentina to the type and concentration of cytokinin BIO Web of Conferences 127, 01004 (2024) ICW Biotech 2024 https://doi.org/10.1051/bioconf/202412701004 https://www.bio-conferences.org/articles/bioconf/pdf/2024/46/bioconf_icw2024_01004.pdf
40	S., Warnasih, Siti, A.H., Mulyati, Ade Heri, D., Widiastuti , Diana H., Dianhar, Hanhan, D.U., Rahayu, Dyah U.C. (2024) Anticancer Potency of Methanol Extract from Terminalia catappa Leaves Using In Vitro and In Silico Methods Trends in Sciences, 2024
39	Wira Eka Putra, Sustiprijatno, Arief Hidayatullah, Diana Widiastuti , Muhammad Fikri Heikal (2024) Computational Screening of Rheum palmatum Phytochemicals as Potential AntiDiabetes Agent via Sodium-Glucose Transport Protein 2 Inhibition, Science & Technology Asia Vol. 29 No.3 July - September 2024, pp: 256-268 ISSN (Print): 2586-9000 ISSN (Online): 2586-9027 https://ph02.tci-thaijo.org/index.php/SciTechAsia/article/view/253249
38	Wira Eka Putra, Sustiprijatno, Arief Hidayatullah, Diana Widiastuti , Muhammad Fikri Heikal (2024), Computational Studies of Rhubarb's Anthraquinone Glycosides as Anti Diabetic Drug Candidates through Sodium-Glucose Cotransporter-2 Inhibition, Iraqi Journal of Science, 2024, Vol. 65, No. 8, pp: 4149- 4159 DOI: 10.24996/ijs.2024.65.8.1 https://ijs.uobaghdad.edu.iq/index.php/eijs/article/view/9271

37	Wira Eka Putra, Sustiprijatno, Arief Hidayatullah, Diana Widiastuti , Muhammad Fikri Heikal (2024) Computational Study Revealed Potential Inhibitors Of Sars-Cov2 Angiotensin-Converting Enzyme 2 (Ace2) And Transmembrane Serine Protease 2 (Tmprss2) From Multiple Natural Products, Malaysian Journal Of Biochemistry & Molecular Biology, MJBMB 2024, 1, 29-38 https://msbmb2010.wixsite.com/mjbmb (E-ISSN: 2600-9005)
36	Diana Widiastuti , Siska Elisahbet Sinaga, Siti Warnasih, Yulian Syahputri, Nurjanah Bella, Yulian Syahputri, Sustiprijatno And Wira Eka Putra (2024) Antidiabetic Activity Of Averrhoa Bilimbi L. Fruit Extracts And The Identification Of Active Compounds Using Lc-MS And In Silico Methods, Indonesian Journal Of Pharmacy, Vol 35 (2) 2024: 282-291. https://Journal.Ugm.Ac.Id/V3/Ijp/Article/View/7746/4308
35	Diana Widiastuti* , Siti Warnasih, Ade Heri Mulyati, Sutanto, Eka Herlina, Triastinurmiatiningsih, Siska Elisahbet Sinaga, Supriatno Salam, Desi Harneti, Ronny Lesmana, Unang Supratman, Susianti, Dine Agustine and Rahmaniar Mulyani (2024), Steroid Compounds Of Manihot Esculentacrantz Var. Sao Pedro Petro (Tuber) And Their Cytotoxic Effects On Melanoma Cancer Cells (B16-F10). Trends In Sciences 2024; 21(4): 7591, https://doi.org/10.48048/Tis.2024.7591 . https://tis.wu.ac.th/index.php/tis/article/view/7591/806
34	Muhammad Fikri Heikal, Wira Eka Putra, Sustiprijatno, Arief Hidayatullah, Diana Widiastuti , Mardiana Lelitawati (2024), A Molecular Docking And Dynamics Simulation Study On Prevention Of Merozoite Red Blood Cell Invasion By Targeting Plasmodium Vivax Duffy Binding Protein With Zingiberaceae Bioactive Compounds, Uniciencia Vol. 38(1), Pp. 1-15, January-December, 2024 https://www.revistas.una.ac.cr/index.php/uniciencia/article/view/18995 DOI: http://dx.doi.org/10.15359/RU.38-1.18 E-ISSN: 2215-3470 CC: BY-NC-N
33	Wira Eka Putra, Muhammad Fikri Heikal, Sustiprijatno, Arief Hidayatullah And Diana Widiastuti (2024) Targeting The Coronavirus Sars-Cov-2's Envelope, Nucleocapsid, And Spike/ Spike Rbd Protein: Computational Insight From Multiple Bioactive Compounds As Potential Anti-Viral Drug Candidates, Mindanao Journal Of Science And Technology Vol. 22 (1) (2024) 90-112, https://mjst.ustp.edu.ph/index.php/mjst/article/view/1958
32	Aliyya Suci Arizona, Wira Eka Putra, Hendra Susanto, Sustiprijatno, Arief Hidayatullah, Muhammad Fikri Heikal, Diana Widiastuti (2023) In Silico Investigation Of Mung Bean (Vigna Radiata L.) Active Compounds As Potential Natural Inhibitor Against Hepatitis C Virus E2 Envelope Glycoprotein, The Official Publication Of The Malaysian Society For Biochemistry & Molecular Biology (Msbmb), 2023, 1, 90-97 https://MSBMB2010.WIXSITE.COM/MJBMB
31	Widiastuti, D. , Sinaga, S. E., Maharani, Z. S., Herlina, E., Mulyati, A. H., Nuraeni, F., Anggraeni, F., & Hung, P. V. (2023). Instant Broth Powder Of Mutiara Catfish (Clarias Gariepinus) Using The Spray Drying Method As A Natural Flavor Enhancer. Jurnal Pendidikan Kimia (Jpkim), 15(1), 10-17. https://doi.org/10.24114/JPKIM.V15I1.@@

30	Diana Widiastuti , Siska Elisahbet Sinaga, Siti Warnasih1 , Erna Pujiyawati, Supriatno Salam And Wira Eka Putra, Identification Of Active Compounds From Averrhoa Bilimbi L. (Belimbing Wuluh) Flower Using Lc-MS And Antidiabetic Activity Test Using In Vitro And In Silico Approaches, <i>Trends In Sciences</i> 2023; 20(8): 6761 https://doi.org/10.48048/tis.2023.6761
29	Arief Hidayatulla, Wira Eka Putra, Muhaimin Rifa'i, Sustiprijatno, Muhammad Fikri Heikal, Diana Widiastuti , Galuh Wening Permatasari, Hendra Susanto, Adawiyah Suriza Shuib. Molecular Docking And Molecular Dynamic Study Of Multiple Medicinal Plants' Bioactive Compounds As Human Papillomavirus Type 16 E5 Protein Inhibitor. <i>Kuwait J.Sci.</i> , Vol.50, No.(1a),January.2023,Pp(1-14). https://journalskuwait.org/kjs/index.php/kjs/article/view/16169/1203
28	Arief Hidayatullah, Wira Eka Putra, Sustiprijatno, Diana Widiastuti , Wa Ode Salma And Muhammad Fikri Heikal, Molecular Docking And Molecular Dynamics Simulation-Based Identification Of Natural Inhibitors Against Druggable Human Papilloma Virus Type 16 Target, <i>Trends In Sciences</i> 2023; 20(4): 4891, https://doi.org/10.48048/tis.2023.4891 https://tis.wu.ac.th/index.php/tis/article/view/4891
27	Arief Hidayatullah, Wira Eka Putra, Sustiprijatno, Diana Widiastuti , Wa Ode Salma And Muhammad Fikri Heika, Molecular Docking And Molecular Dynamics Simulation-Based Identification Of Natural Inhibitors Against Druggable Human Papilloma Virus Type 16 Target, <i>Trends In Sciences</i> 2023; 20(4): 4891, https://tis.wu.ac.th/index.php/tis/article/view/4891
26	I. Hasnah, W. E. Putra, Sustiprijatno3, A. Hidayatullah, D. Normala, Nurrisilfa, R.D. Lestari , S. Nurazizah, Y. Z.Asfiniya, D. Widiastuti , H. Susanto, M. F. Heikal, H. Isnanto, In Silico Study Revealed The Anti-Viral Potency Of Allium Cepa Bioactive Compounds Inhibit M-Pro Sars-Cov-2 Protein, <i>Malaysian Journal Of Biochemistry & Molecular Biology</i> , 2022,3, 1-8 https://msbmb2010.wixsite.com/mjbmb
25	A.Hidayatullah, W. E. Putra, M. Rifa'i, Sustiprijatno, D. Widiastuti , M.F. Heikal, H. Susanto and O.D. Salma, Molecular Docking and Dynamics Simulation Studies to Predict Multiple Medicinal Plants' Bioactive Compounds Interaction and Its Behavior on the Surface of DENV-2 E Protein, <i>Karbala International Journal of Modern Science</i> , Vol. 8-iss3/24 , 531-542 May 2022 https://kioms.uokerbala.edu.iq/cgi/viewcontent.cgi?article=3237&context=home
24	M. Fathurrahman, U. Suhendar, A. Iryani, D. Widiastuti , S.N. Ahmad, E. Juniar, Sintesis dan Karakterisasi Komposit Eugenol-Silika Gel dari Abu Tongkol Jagung serta Analisis Antibakteri dan Daya Serap terhadap Air, <i>ALCHEMY Jurnal Penelitian Kimia</i> , Vol. 18(1) 2022, 10-18 https://www.researchgate.net/profile/Muhammad-Fathurrahman/publication/358905066_Sintesis_dan_Karakterisasi_Komposit_Eugenol-Silika_Gel_dari_Abu_Tongkol_Jagung_serta_Analisis_Antibakteri_dan_Daya_Serap_terhadap_Air/links/6225daf69f7b32463415d7f8/Sintesis-dan-Karakterisasi-Komposit-Eugenol-Silika-Gel-dari-Abu-Tongkol-Jagung-serta-Analisis-Antibakteri-dan-Daya-Serap-terhadap-Air.pdf?sg%5B0%5D=started_experiment_milestone&origin=journalDetail&rtd=e30%3D
23	W. E. Putra, O.D. Salma and D. Widiastuti , Computational Investigation Of Isorhamnetin-3, Quercetin-3, And Quercetin From Alstonia Scholaris As The Potential Anti-Inflammatory Agents Against Cox-2, <i>Malaysian Journal of Biochemistry & Molecular Biology MJBMB</i> , 2021, 2, 106 - 109, August 2021 https://msbmb2010.wixsite.com/mjbmb/august-2021

22.	F. Rohman, W. E. Putra, Sustiprijatno, D. Widiastuti , Virtual Assessment of Imperata Cylindrica Root's Bioactive Compounds as a Potential Inhibitor for Alpha-Glucosidase: the Study of Tengger Tribe's Medicinal Plant, <i>Tropical Journal of Natural Product Research</i> , 5(7):1240-1245, ISSN 2616-0692, July 2021 https://www.tjnpr.org/viewarticle.aspx?articleid=1717
21.	W. E. Putra, H. Susanto, S.R. Lestari, A. Gofur, O.D. Salma, D. Widiastuti and H. F. Ali, In Silico Screening of Bioactive Compounds From Various Medicinal Plants For A-2 Neuronal Nicotinic Acetylcholine Receptor Inhibitor Candidate, <i>AIP Conference Proceedings</i> 2353, 030099 (2021); May, 2021. https://aip.scitation.org/doi/pdf/10.1063/5.0052775
20.	W. E. Putra, Sustiprijatno ³ , O.D. Salma, D. Widiastuti , Disrupting The Interaction Of IL-1/IL-1 Receptor With Morinda Officinalis Bioactive Compounds As Strategy To Combat Chronic Inflammatory Diseases: The Insight From In Silico Study, <i>Malaysian Journal of Biochemistry & Molecular Biology</i> , MJBMB, 2021, 1, 143 - 147, April 2021 https://msbmb2010.wixsite.com/mjbmb/april-2021
19.	A. Hidayatullah, W. E. Putra Sustiprijatno, G. W. Permatasari, O.D. Salma and D. Widiastuti , Predicting The Possible Biological Markers As Targeted Therapy For Dengue Viral Infections, <i>Malaysian Journal of Biochemistry & Molecular Biology</i> MJBMB 2021, 1, 7 - 15, March 2021 https://msbmb2010.wixsite.com/mjbmb/april-2021
18.	P. V. Hung, T. T. M. Duyen, H. V. Thanh, D. Widiastuti and N. T. Hoai An, Starch digestibility and quality of cookies made from acid and heat-moisture treated sweet potato starch and wheat flour composites, <i>Journal of Food Measurement and Characterization</i> , 15(4), 3045-3051, March 2021 https://link.springer.com/article/10.1007/s11694-021-00892-z
17.	A. Hidayatullah, W. E. Putra, W. O.D. Salma, B. Muchtaromah, G. W. Permatasari, H. Susanto ¹ , D. Widiastuti and Muhammad Kismurtono, Discovery of Drug Candidate from Various Natural Products as Potential Novel Dengue Virus Nonstructural Protein 5 (NS5) Inhibitor, <i>Chiang Mai University Journal of Natural Sciences</i> , 2021. 20(1): e2021018, Dec 2020 https://www.researchgate.net/publication/346968766_Discovery_of_Drug_Candidate
16.	W. E. Putra, W. O. Salma and D. Widiastuti , Virtual Screening of Potential Hepatoprotective Agents From Andrographis Panuculata Against Macrophage Inflammatory Protein-1 β , <i>Malaysian Journal of Biochemistry & Molecular Biology</i> , 2020, 3, 133 - 137, Dec 2020, https://msbmb2010.wixsite.com/mjbmb/general-3
15.	W. E. Putra, O.D. Salma and D. Widiastuti , The Potency Of Boesenbergin A And Boesenbergin B Compounds From Kaempferia Pandurata As Anti-Metastatis Agent: In Silico Study, <i>Malaysian Journal of Biochemistry & Molecular Biology</i> MJBMB, 2020, 3, 128 - 132, Nov 2020 https://msbmb2010.wixsite.com/mjbmb/general-3
14.	Eka Herlina, D. Widiastuti , Niftrelia Sari Dewo, Diversification of Tapioka Flour in the Making of Food Fiber Enriched Flakes (Dietary Fiber) of Coconut Flour, <i>ADRI International Journal of Engineering and Natural Science</i> , vol 5 (2), ISSN: 2549-5372, November 2020, http://adri.journal.or.id/index.php/ijens/article/view/11
13.	W. E. Putra, W. O. Salma, D. Widiastuti and M. Kismurtono, In Silico Screening of Peroxisome Proliferator Activated Receptor Gamma (Pparg)-Agonist From Eugenia Jambolana Bioactive Compounds As Potential Anti-Diabetic Agent, <i>Malaysian Journal of Biochemistry & Molecular Biology</i> , 2020, 2, 142 - 146, May (2020)

	https://www.researchgate.net/publication/346968772_IN_SILICO_SCREENING_OF
12.	D. Widiastuti , Supriatno, D. Harneti, R.Lesmana, M. A. Nafiah and U.Supratman, Flavonoid from the Sao Pedro Petro of tubers of cassava (<i>Manihot esculenta</i> Crantz), Research Journal of Chemistry and Environment, Vol. 23 (12) December (2019), https://www.researchgate.net/publication/337884828_Flavonoid_from_
11.	D. Widiastuti , Supriatno, D. Harneti, R.Lesmana and U. Supratman, International Journal of Recent Technology and Engineering (IJRTE), Vol. 8 Issue-2S7 (2019) : 243-244, ISSN : 2277-3878, July (2019) https://www.ijrte.org/download/volume-8-issue-2s7/
10	S. Warnasih, D. Widiastuti , U. Hasanah, L. Ambarsari and P. Sugita, Aktivitas Antioksidan Dan Flavonoid Ekstrak Biji Kurma, Volume 19, Nomor 1, April 2019, Hal.34-38, e-ISSN: - ; p-ISSN: 1411-9447 https://journal.unpak.ac.id/index.php/ekologia
9.	Widiastuti Diana , Mulyati Ade Heri , E. Herlina , S.Warnasih, S. Yudhie, Triastinurmiatiningsih and U. Supratman, Cytotoxic Effect of Cassava (<i>Manihot esculenta</i> Crantz), Adira-2, Karikil and San Pedro Petro Varieties on P388 Murin Leukemia Cells, Research Journal of Chemistry and Environment, Vol 22 (2018) ISSN 2278-4327 https://www.researchgate.net/publication/327232597_Cytotoxic_
8	Y. Syahputri, D. Widiastuti , Utilization Of White-Meat, Red-Meat And Super Red Dragon Fruit (<i>Hylocereus</i> Sp) Skin Waste As An Alternative Food Source, <i>Journal Of Science Innovare</i> , Volume 01, Number 01, Hal 18-21, Issn: 2615-3769 ; E-Issn: 2615-3750, February 2018 https://Journal.Unpak.Ac.Id/Index.Php/Jsi/Issue/View/135
7.	D. Widiastuti , A. H. Mulyati, E. Herlina, S. Warnasih, Diversification of Cassava Flour in the Manufacture of Gluten Free Flakes Enriched with Dietary Fiber from Virgin Coconut Oil Waste Flour, Journal of Agricultural Science and Technology B, Vol. 6 (2016) 330-335 https://www.researchgate.net/publication/319011519_Diversification_of_Cassava_Flour
6.	D. Widiastuti , A. H. Mulyati, Diversifikasi Tepung Biji Cempedak (<i>Artocarpus champeden</i>) dalam Bakso Jamur Tiram (<i>Pleurotus ostreatus</i>) sebagai alternatif Produk Pangan Vegetarian, Prosiding Balai Riset dan Standarisasi Industri Bandar Lampung, (2016)
5.	D. Widiastuti , A. H. Mulyati, E. Herlina, Fe fortification on gluten free cassava flakes (<i>Manihot esculenta</i> Crantz) with coconut fiber waste for children with special needs, 14th-hisas-Proceeding, (2016) http://ppi-hokkaido.org/tabel-of-content/
4	D. Widiastuti , A. H. Mulyati, Konglake (Singkong Flake) Produk Sarapan Siap Saji Bebas Gluten dan Kaya Serat Pangan , "Petik Iptek" Buletin Komunikasi Kegiatan Bp3iptek, Edisi (2016) https://issuu.com/buletinpetikiptek/docs/buletin_petik_ipitek_2016
3.	H. Morita, Subagio, D. Widiastuti , Diet and Living Style of Indonesia People, The Research Society for Science of Dietary Habits , Vol.35 No.5 (2015)
2.	D. Widiastuti , A. H. Mulyati, M. Septiani, Karakteristik Tepung Limbah Ampas Kelapa Pasar Tradisional dan Industri Virgin Coconut Oil (VCO), Ekologia, 15 (1) 29-34 (2015) https://scholar.google.co.id/scholar?oi=bibs&cluster=16290780879224930942&btnI=1&hl=id
1.	A. H. Mulyati, D. Widiastuti , P. S. Ratih, Pemanfaatan Limbah Bunga Jantan Kluwih Sebagai Lavarsida Nyamuk <i>Aedes Aegypti</i> , Ekologia, 14(2) 10-16 tahun 2014 https://scholar.google.co.id/scholar?oi=bibs&cluster=6145478374755905096&btnI=1&hl=id

Pengabdian Kepada Masyarakat

No.	Tahun	Judul Pengabdian Kepada Masyarakat	Pendanaan	
			Sumber*	Jml (Juta Rp)
14	2024	Revitalisasi Laboratorium Pendidikan Serta Penerapan <i>Good Laboratory Practise (GLP)</i> Menyongsong <i>Education For Suitainable Development (EED)</i> Di Man 2 Kota Bogor	Hibah Internal LPPM Universitas Pakuan	30
13	2023	Pendekatan <i>Quality Function Deployment (Qfd)</i> Pada Analisa Pasar Pengembangan Produk Kaldu Bubuk Ikan Lele	Hibah Internal LPPM Universitas Pakuan	50
12	2022	Pemberdayaan Masyarakat Melalui Diversifikasi Produk Olahan Pala (<i>Myristica Fragrans</i>) Menjadi Kerupuk Kulit Pala (Ketua)	DRPM	50
11	2022	Edu Tourism Digital Sustainable Village Desa Bojong, Kramatmulya, Kabupaten Kuningan (Anggota)	DRPM	300
10	2021	Digitalisasi Pemasaran Bunga Sedap Malam Dan Pemanfaatan Limbah Sebagai Produk Pangan Dalam Upaya Peningkatan Kesejahteraan Petani Bunga Sedap Malam (Anggota)	FMIPA-Universitas Pakuan	7
9	2020	Pengalangan Dana untuk Tenaga Kesehatan di kota Bogor yang terdampak Pandemi Covid-19 (Ketua)	FMIPA-Universitas Pakuan	50
8	2020	Donasi Handsanitaizer untuk Civitas Unpak dan Instansi luar yang membutuhkan akibat Pandemi Covid-19 (Ketua)	Prodi Kimia FMIPA Univ. Pakuan	15
7	2019	PKM Kelompok Masyarakat Non Produktif Kelurahan Mulyaharja Kecamatan Bogor Selatan dala Pembuatan Keripik Jamur iram dengan Metode Vacuum Frying (Anggota)	DRPM	48
6	2018	Laboratorium Service Universitas Pakuan (Anggota)	DRPM- PPUPIK	150
5	2018	IbM Pemberdayaan Masyarakat non Produktif Melalui Keterampilan Pembuatan dan Pengembangan Industri Rumah Tangga Keripik Jamur dengan Metode Penggoreng Vakum (Anggota)	Kementristekdikti	48
4	2017	Produksi Kongflake (Singkong Flake) dengan Prototipe Mesin Ekstruder untuk UKM/IKM di Kabupaten Bogor (Anggota)	BP2D Jawa Barat	125
3	2017	I _b M Pemberdayaan Masyarakat Non Produktif Melalui Keterampilan Pembuatan <i>Kongflakes</i> (Singkong Flakes) (Ketua)	Kementristekdikti	49

2	2015	Keterampilan Pembuatan Cookies dari Ampas Tapioka di Kelurahan Karadenan Kabupaten Bogor (Anggota)	Yayasan Univ. Pakuan	5,7
1	2013	IbM Pemberdayaan Masyarakat non Produktif Melalui Keterampilan Pembuatan dan Pengembangan Industri Rumah Tangga Keripik Nangka dengan Metode Penggoreng Vakum (Anggota)	Dikti	49,5

Membimbing Mahasiswa/siswa tingkat Nasional

No	Tahun	Kegiatan
3	2024	Dosen Pembimbing siswa MAN 2 Bogor meraih medali perunggu pada event Kompetisi Riset dan Inovasi Siswa Indonesia
2	2024	Dosen Pendamping Program Kreativitas Mahasiswa (PKM)
1	2023	Dosen Pendamping Program Kreativitas Mahasiswa (PKM)

Penghargaan

1. Penerima anugerah Budhipura dari PemProv Jawa Barat tahun 2018 (produk Kongflake)
- 2.

(Dr. Diana Widiastuti, M.Phil)