BIODATA PERISET

a. Identitas Diri

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3.	Jabatan Fungsional	:	Peneliti Ahli Madya
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8.	Organisasi Riset	:	Kesehatan
9.	Scopus Author ID	:	57211332710
10.	ORC ID	:	https://orcid.org/0000-0003-4472-4388

b. Pengalaman Penelitian dalam 5 Tahun Terakhir

No.	Tahun	Judul Penelitian	Sebagai Ketua/Anggota	Sumber Dana	Jumlah (Juta)
1	2025	Kandidat Senoterapi Baru Untuk Ketahanan Vaskuler: Studi sistem penghantaran natural coumpound dengan pemanfaatan metal organic framework (MOF) untuk Penghambatan *Inflammation-Induced Endothelial Dysfunction.*	Ketua	DIPA ORK BRIN	100
2	2025	Formulasi Minuman Serbuk Fungsional Berbasis Bio Transresveratrol Murbei: Pendekatan Metabolomik Untuk Analisis Bioaktivitas Dan Stabilitas Senyawa Bioaktif	Ketua	DIPA ORPP	80
3	2024	Rancang Bangun Produk Inovasi Natural Aktivator Sirt1 Melalui Pemanfataan Pangan Lokal Untuk Perbaikan Disfungsi Endotel Vaskuler Kelompok Risiko CVD.	Ketua	Rumah Program ORK BRIN	100
4	2024	Resistensi Antibiotik di Wilayah Sub-DAS Martapura Kalimantan Selatan Tahap I: Diversitas Mikroba, Penggunaan Antibiotik, dan Faktor Sosio-Kultural Pasien Puskesmas Kota	Anggota	Rumah Program ORK BRIN	90

		Banjarmasin.			
5	2024	Formulasi Nanocapsule Morus L. Sebagai Terobosan Baru Pencegahan Cvd: Pemanfaatan Biodiversitas Indonesia Terkait Kemandirian Obat Nasional Untuk Ketahanan Sel Endotel	Principal investigator	Kemendikbud Ristek Dikti/ BIMA	143
6	2022-2025	Pengembangan Potensi α-Mangostin Dari Ekstrak Kulit Manggis (Garcinia Mangostana Linn) Sebagai Upaya Pencegahan Sekunder Dan Perbaikan Kualitas Hidup Terhadap Pasien Dengan Risiko Tinggi Penyakit Kardiovaskular, Sindrom Koroner Akut, Dan Gagal Jantung	Anggota	RIIM BRIN	693
7	2020	Skoring faktor risiko preeklampsia dan variasi kadar serum SIRT1 maternal: Kajian patomekanisme preeklampsia dari penanda *early vascular aging*	Anggota	LITBANGKES KEMENKES RI	214

c. Publikasi Artikel Ilmiah dalam Jurnal/Prosiding Internasional terkait dengan riset yang diusulkan dalam 5 Tahun Terakhir

NO	JUDUL	PENULIS	NAMA JURNAL
1	The primiparous IgA and IL-5 colostrum concentration based on maternal factor: corroborate the inflammation pathways to IgA colostrum synthesis	Kadek A Kurniawan, Sri Winarsih, Nurdiana Nurdiana, Sri Andarini, Wiwit Nurwidyaningtyas	https://www.sciencedirect.com/science/article/pii/S2666577824001308
2	Garcinia Mangostana Pericarpium Extract: Representation of Vascular Adaptation Based on Circulating Cell Profile	Djanggan Sargowo Wiwit Nurwidyaningtyas, Ardian Rizal, Mohammad R. Fadlan, Yuke F. Kemala, Sutanti Lara Dewi, Syanindita P. Wardhani, Fernando, Anna Lystia Poetranto	https://www.rjptonline.org/AbstractView.aspx?PID=2024-17-11-61

3	Association Between Rhesus and ABO Blood Group Types and Their Impact on Clinical Outcomes in Critically Ill Patients with COVID-19: A Multi-Center Investigation [Letter]	**Anna Lystia Poetranto,** Hasta Handayani Idrus, Wiwit Nurwidyaningtyas	*Infection and Drug Resistance*, *17*, 3657–3658. https://doi.org/10.2147/IDR.S490320 https://www.tandfonline.com/doi/full/10.2147/IDR.S490320
4	Characterization of Nanoparticle-Protein Sirtuin 1 (NPS1) by Nanoprecipitation Technique	Titin Andri Wihastuti, Indah Nur Chomsy, Fibe Yulinda Cesa, Hidayat Sujuti, Wiwit Nurwidyaningtyas, Kumboyono Kumboyono	Biomed Pharmacol J 2024;17(2). https://biomedpharmajournal.org/vol17no2/formulation-and-characterization-of-nanoparticle-protein-sirtuin-1-nps1-by-nanoprecipitation-technique/
5	New detection methods of early-onset preeclampsia in pregnant women with cardiovascular disease risk factors	Aisyatul Mukminah, Djanggan Sargowo, Bambang Rahardjo, Sujarwoto Sujarwoto, Wiwit Nurwidyaningtyas	Bali Medical Journal 2024;13(3)
6	Nanoparticles–SIRT1 Prevents Endothelial Progenitor Cells Senescence by Modulating Nitric Oxide Expression and Reducing Poly ADP-ribose Polymerase: In vitro Study	Titin Andri Wihastuti, Indah Nur Chomsy, Wiwit Nurwidyaningtyas, Fibe Yulinda Cesa, Hidayat Sujuti, Meddy Setiawan, Kumboyono Kumboyono	Trends in Science 2024;21(6) https://tis.wu.ac.th/index.php/tis/article/view/7519
7	The potential health benefit of cowpea estrogen-like activity to restore vaginal epithelial cells thinning due to menopausal syndrome	An Nisa Fithri, Yuyun Yueniwati, I Wayan Arsana, Husnul Khotimah, Wiwit Nurwidyaningtyas	Tropical Journal of Natural Product Research 2024;8(3) https://www.ajol.info/index.php/tjnpr/article/view/271543
8	*Differences in senescence of late*	Kumboyono	*Tobacco Induced Diseases 19*

	Endothelial Progenitor Cells in non-smokers and smokers	Kumboyono, Indah Nur Chomsy, Wiwit Nurwidyaningtyas, Fibe Yulinda Cesa, Cholid Tri Tjahjono, Titin Andri Wihastuti	*http://www.tobaccoinduceddiseases.org/pdf-135320-65297?filename=Differences%20in%20senescence.pdf*
9	*Smoking increases the premature associated senescence phenotype of circulating Endothelial Progenitor Cells*	K Kumboyono, W Nurwidyaningtyas, IN Chomsy, FY Cesa, TA Wihastuti	*Jordan Journal of Biological Sciences. All rights reserved-Volume 14 (4), 868*
10	*Early Detection of Negative Smoking Impacts: Vascular Adaptation Deviation Based on Quantification of Circulated Endothelial Activation Markers*	Kumboyono Kumboyono, Wiwit Nurwidyaningtyas, Indah Nur Chomsy, Titin Andri Wihastuti	*Vascular Health and Risk Management 17, 103 https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8001718/*
11	*Differentiation of Intracellular p16INK4a Expression in the Circulating Human Mononuclear Isolated Cells after ADMA and H2O2 Exposure*	TAW Wiwit Nurwidyaningtyas, Djanggan Sargowo, Ferry Sandra	Research Journal of Pharmacy and Technology Vol.15. DOI: 10.52711/0974-360X.2022.00117 https://rjptonline.org/search.aspx?key=Wiwit%20Nurwidyaningtyas
12	β-1, 3/1, 6-D-glucan of Mycelia Extract Posses Renal Protection Potential and Reduces Nitric Oxide in Obese Subjects	Djanggan Sargowo, Ardian Rizal, Yoga Waranugraha, Anna Fuji Rahimah, Putri Annisa Kamila, Mohammad Rizki Fadlan, Icmi Dian Rochmawati, Cik Kahadi, Yuke Fawziah Kemala, Bunga Bella Pratiwi, Susanti Lara Dewi, Wiwit Nurwidyaningtyas	The Indonesian Biomedical Journal 14 (2), 218-25 https://inabj.org/index.php/ibj/article/view/1876

13	*Intracellular p16INK4a profile as targeted protein in human endothelial progenitor cells after chronic asymmetric dimethylarginine exposure*	W Nurwidyaningtyas, D Sargowo, TA Wihastuti, F Sandra	AIP Conference Proceedings **2513**, 020007(2022) https://doi.org/10.1063/5.0112774 https://aip.scitation.org/doi/abs/10.1063/5.0112774
14	Inhibition of Senescence Through Decreasing $p16^{INK4a}$ Expression by Sirt-1 in ADMA Exposed EPC	TA Wihastuti, W Nurwidyaningtyas, K Kumboyono	Brawijaya International Conference (BIC 2022), 488-494
15	Check update pattern of tumorigenic vasculature signature based on MMP9 and CXCR4 expression in locally advanced breast cancer	MB Budianto, HS Lubis, ML Fadli, W Nurwidyaningtyas	Journal of Pharmacy & Pharmacognosy Research 11 (6), 926-933
16	Epithelial thinning in vaginal atrophy related to lowering of calcitonin gene-related protein, vascular endothelial growth factor, and nerve growth factor expressions in a menopausal rat model	An Nisa Fithri, Yuyun Yueniwati, I Wayan Arsana, Husnul Khotimah, Wiwit Nurwidyaningtyas	J. Pharm. Pharmacogn. Res., vol. 11, no. 1, pp. 110-116, January-February 2023. DOI: https://doi.org/10.56499/jppres22.1512_11.1.110

d. Perolehan Haki

JUDUL	JENIS	NOMOR	TAHUN
Exercise trining untuk kesehatan jantung dan pembuluh darah	ModuI	000220823	2020
Skor risiko preeklampsia yang berhubungan dengan faktor risiko penyakit kardiovaskular untuk prediksi preeklampsia	Paten (terdaftar)	P00202405344	2024
Efek imunoglobulin A (IgA) colostrum booster pada Ramuan tradisional Bali yang mengandung *Sauropus androgynus* L Merr	Paten (terdaftar)	P00202406265	2024

e. Karya Buku

TAHUN	JUDUL	ISBN	PENERBIT
2014	***Lets be survivor cardio for our family from our family we can avoid cardiovascular disease***	978-602-70349-0-7	Nuansalaras

Semua data yang saya isikan dan tercantum dalam biodata ini adalah benar dan dapat dipertanggungjawabkan secara hukum. Apabila di kemudian hari ternyata dijumpai ketidaksesuaian dengan kenyataan, saya sanggup menerima sanksi. Demikian biodata ini saya buat dengan sebenarnya untuk memenuhi salah satu persyaratan dalam pengajuan proposal Kegiatan Riser Tahun 2025

Cibinong, 29 Januari 2025

BRIN TT ELEKTRONIK

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