



Doctor of Dental Medicine

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Name	Irene Edith Rieuwpassa, Prof.Dr.drg,M.Si.			
Position	Head Department of Oral Biology			
Research Interest	Development of medicinal plants as an alternative treatment of teeth and periodontal tissues.			
Academic career	Initial Academic Appointment	Institution	Year	
	DDS	Faculty of Dentistry Hasanuddin University	1997	
	M.Si	Faculty of Medicine Hasanuddin University	2007	
	DR	Faculty of Medicine Hasanuddin University	2010	
Employment	Position	Employer	Period	
	Lecturer in Department of Oral Biology	Faculty of Dentistry Hasanuddin University	1999-	
	Head Departement of Oral Biology	Faculty of Dentistry Hasanuddin University	2019-	
Research and development projects over the last 5 years	Name of project or research focus	Period and any other information	Partners, if applicable	Amount of financing
	THE EFFECTIVENESS	2021	LPPM	Rp. 75.000.000

	OF MORINGA LEAF (Moringa oleifera) ON THE BACTERIA Porphyromonas gingivalis AS THE CAUSE OF PERIODONTITIS THROUGH CYTOKINE ANALYSIS ANTI-INFLAMMATORY (IL-1)		Hasan uddin Unive rsity	
	THE EFFECT OF CORN HAIR EXTRACT GEL AND METFORMIN GEL ON TNF- LEVELS IN VIVO	2020	LPPM , Hasan uddin Unive rsity	Rp. 65.000.000
Industry collaboratio ns over the last 5 years	Project title		Partners	
	-			
Patents and proprietary rights	Title		Year	
	-			
Important publications over the last 5 years	Title	Journal/Book	Year	Co-author(s)
	The Effect Of Health Performance And Service Quality On Patient Satisfaction At Rijali Community Health Center, Ambon City	European Chemical Bulletin	2023	Sanri Deasiree Mailoa, Fuad Husain Akbar, Eka Erwansyah, Rasmidar Samad, Ayub Irmadani Anwar, Irene Edith Rieuwpassa
	The Influence of Moringa Oleifera Leaf Extract on Periodontitis Cases Through Rankl Expression Analysis.	Journal of Population Therapeutics and Clinical Pharmacology	2022	IE Rieuwpassa, S Mappangara, H Achmad, A Sesorio
The Effectiveness of Moringa Leaf Extract (Moringa Oleifera) Against Porphyromonas gingivalis Bacteria in Periodontitis Cases	Journal of International Dental and Medical Research	2022	Irene Edith Rieuwpassa, Sri Ramadany, Sumintarti, Israyani, Harun Achmad, Rini Sitanaya, Hans Lesmana, Arni Irawaty	

	Through IL-1 Cytokine Analysis.			Djais, Arrang Sesorioria, Harmawaty, Nur Hildah Inayah, Nurul Mutmainnah.
	Pathomechanism of Bone Mineral Density Decrease: A study of role of low Density Lipoprotein (LDL), Oxidizes Low Density Lipoprotein (oxLDL) and Receptor for activation of Nuclear factor Kappa β Ligand (RANKL	International Journal of Special Education	2022	Sitti Rafiah, Irene E Rieuwpassa, Uleng Bahrul
	Gambier Extract (Uncaria gambier Roxb.) as Herbal Treatment for the Oral Cavity: A Systematic Review	Systematic Reviews in Pharmacy	2021	H Achmad, IE Rieuwpassa, AI Djais, E Riyanti, RS Primarti, AI Ilham
	The Effect of Thumb Sucking Habit on Children's Dentomaxillofacial Development: A Systematic Review	Systematic Reviews in Pharmacy	2021	H Achmad, E Riyanti, AI Djais, IE Rieuwpassa, RS Primarti, SM Arief.
	Autoimmune Diseases with Oral Manifestations in Children: A Systematic Review	Systematic Reviews in Pharmacy	2021	H Achmad, AI Djais, IE Rieuwpassa, E Riyanti, RS Primarti, V Vionita.
	Correlation of Swallowing and Breastfeeding Activities on Children's Craniofacial Development: Systematic Review	Systematic Reviews in Pharmacy	2021	H Achmad, E Riyanti, AI Djais, IE Rieuwpassa, RS Primarti, NH Inayah.
	Effectiveness of Edible Film Chitosan from Waste White Shrimp (Litopenaeusvannam ei) in Reducingcolonizatio	Annals of the Romanian Society for Cell Biology	2021	H Achmad, A Gani, AI Djais, LI Hatta, IE Rieuwpassa, AYAA Monry

	n of Porphyromonas Gingivalis Bacteria: In Vitro Research			
	Efficacy of stigma maydis (Corn silk) in reducing blood sugar level and subduing periodontal inflammation	Systematic Reviews in Pharmacythis link is disabled , 2020, 11(10)	2021	Rieuwpassa, I.E. , Hasyim, R. , Wulansari, D.P. , ... Rafiah, S. , RiKim, Y.
	The Effect of the Combination of Demineralization Freeze Dried Dentin Matrix (DFDDM) and moringa oleifera lam to increase fibroblasts and osteoblasts cell in alveolar bone after caviacobaya's tooth extraction	Systematic Reviews in Pharmacythis link is disabled , 2020, 11(4), pp. 523–530	2020	Djais, A.I. , Oktawati, S. , Thahir, H. , ... Achmad, H. , Dewang, D.
	Effect of the combination of demineralization freeze dried dentin matrix (DFDDM) and Moringa oleifera Lam on nuclear factor kapa B as a marker of bone	Systematic Reviews in Pharmacythis link is disabled , 2020, 11(4), pp. 515–522	2020	Djais, A.I. , Oktawati, S. , Thahir, H. , ... Achmad, H. , Dewang, D.
	The effectiveness of channa striata extract antimicrobial effect on periopathogen bacteria (Porphyromonas gingivalis and Aggregatibacter actinomycetemcomitans)	Systematic Reviews in Pharmacythis link is disabled , 2020, 11(4), pp. 319–323	2020	Achmad, H. , Thahir, H. , Rieuwpassa, I. , ... Madjid, F. , Admy, S.C.
	Corn silk based ethosomal gel: A new treatment for periodontitis in diabetic albino rats a preliminary study	Indian Journal of Public Health Research and Developmentthis link is disabled , 2019, 10(9), pp. 907–913	2019	Rieuwpassa, I.E. , Kim, Y.R. , Tenrili, A.N.A. , ... Djamaludin, N.S. , Achmad, H.
	Effectiveness of clindamycin in treatment of periodontitis	Indian Journal of Public Health Research and Developmentthis link is disabled , 2019,	2019	Rieuwpassa, I.E. , Achmad, H. , Rahmasari,

		10(8), pp. 1223–1228		
	Association between areca nut chewing habit with caries and oral hygiene status in ypk getsemani elementary students Raja Ampat Region	International Journal of Applied Pharmaceuticsth is link is disabled , 2019, 11(Special Issue 4), pp. 53–56	2019	Rieuwpassa, I.E. , Fahrudin, A.M. , Tatengkeng, F.
	Identification of periodontitis bacteria and resistance test on amoxicillin antibiotics in patients of RSGM Kandeas Makassar	Indian Journal of Public Health Research and Developmentthis link is disabled , 2019, 10(6), pp. 504–509	2019	Rieuwpassa, I.E. , Achmad, H. , Susanti, A.
	Comparison of fibroblast amount on the gingival healing process in the wound applied by platelet-rich plasma (Prp) and chlorhexidine (chx)	Indian Journal of Public Health Research and Developmentthis link is disabled , 2019, 10(5), pp. 604–609	2019	Rieuwpassa, I.E. , Tanca, M. , Oktawati, S. , ... Cangara, M.H. , Achmad, H.
	Relationship of body mass index and skeletal maturation in children ages 8-15 years	International Journal of Advanced Science and Technologythis link is disabled , 2019, 29(5), pp. 731–736	2019	Erwansyah, E. , Yunus, B. , Rieuwpassa, I.E. , Akbar, F.H. , Suryawansa, T.
Activities in specialist bodies over the last 5 years	Organization	Role	Period	

