

STAFF HANDBOOK

Endodontic Specialist Programme

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Name	Dr. drg. Maria Tanumihardja, Md. Sc.			
Research Interest	Endodontic			
Homepage	SINTA - Science and Technology Index (ristekbrin.go.id)			
Academic career		Institution	Year	
	Doctoral Degree	Hasanuddin University	2015	
	Master Degree	University of Melbourne, Australia	2001	
	Undergraduate Degree	Hasanuddin University	1986	
Employment		Employer	Period	
	Lecturer (Asisten Ahli)	Hasanuddin University	1990-2001	
	Senior Lecturer (Lektor)	Hasanuddin University	2001-2004	
	Associate Professor (Lektor Kepala)	Hasanuddin University	2004-present	
	Staff of Conservative Dentistry Department	Hasanuddin University	1987-present	
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
	Structural assessment of chemical constituent of sidaguri (sida rhombifolio Linn) and its ability to inhibit cyclooxygenase.	2019	Mattulada, Indrya K; Natsir, Nurhayaty; Subehan, Subehan; Mandey, Fredryk; Muslimin, Lukman.	-
	Potential Combination of Sidaguri Root (Sida rhombifolia L.) and Jatropha sap (Jatropha curcas L.) as Devitalization Material: Histopathological Study and Immunohistochemical Decrease in COX-2 and IL-1 β Expression.	2019	Indrya Kirana Mattulada, Nurhayaty Natsir, Lukman Muslimin	-
	Viabilities of odontoblast Cells following addition of Garuan Fish in calcium Hydroxide.	2020	Hastuti S, Nugroho JJ, Trilaksana AC, Natsir N,	-

			Rovani CA, Muslimin L.	
	The effectiveness of haruan fish (channa striata) extract on the viability of inflamed odontoblast cell lines	2018	Juni Jekti Nugroho, Sulistiya Hastuti	-
	Expression of Interleukin 1 Beta in rabbit dental pulp after application of pulp-out material as an alternative pulp devitalizing agent.	2020	Taufik Amrullah	-
	Caspase-3 expression in rabbit dental pulp after application of pulp-out material as an alternative pulp devitalization agent.	2020	Hamid, Arfina Sari	-
	Pulp-out acute toxicity test: Histological study of the intestine and spleen of wistar rats	2021	Punggawa Gauk Karim	-
	Acute toxicity test of kidneys in wistar rats after <i>pulp-out</i> application: study of ureum, ceratinine, and histology	2021	Juni Jekti Nugroho, Nur Fadhilah Amir Hamzah Muhiddin	-
	Acute toxicity test of hepar organ following pulp-out application on wistar rats: histology, sgot and sgpt study	2021	Christine A Rovani, Andi Fatima Temmanengnga	-
	Expression of caspase 3 on rabbit's pulp after pulp-out application as alternative of devitalized pulp agent	2021	Arie Chandra Trilaksana, Arfina Sari Hamid	-
Industry collaborations over the last 5	Project title		Partners	
	-		-	

years				
Important publications over the last 5 years	Title	Journal/Book	Year	Co-author(s)
	Potent anti-inflammatory effect of root of sidaguri (Sida rhombifolia L) on rat periapical lesion model	Int J Toxicol Pharm. Reasearch Vol: 8, Issue.6 (2017)	2017	Nurhayati Natsir, Indrya Kirana Mttulada
	Chronic Apical Abscess Due To The Class III Composite Restoration Failure	A Case Report (2017)	2017	Diah Ayu Lestari, Ratna Kartika, Sitti Sarah Aulia Amrullah,
	Effect Of Locally Delivered Minocycline On Gingival Crevicular Fluid MMP-9 And IL-10 Levels In Endodontic Treatment	(2017)	2017	-
	Quantification of cultivable bacteria in chronic apical periodontitis before and after chemomechanical preparation with 6% sodium hypochlorite	(2017)	2017	
	Effect Of Antibiotic Paste On Periapical Lesion After One-Visit Endodontic Treatment	A Case Report	2017	
	Isolation and Identification of Secondary Metabolic Compounds Polar Fraction of Roots of Sidaguri Sida rhombifolia L. And Its Bioactivity As Anti-inflammatory	Journal of Applied Pharmaceutical Science 2017	2017	Simanjuntak, rismauli,W. Mandey,Fredryk, Karim,Abd .
	Description of dental caries status children aged 12-15 years that consumed bottledwater in Nusantara Junior High School 2016	MDJ (Makassar Dental Journal) 6 (3) 2017	2018	Dwayne Daniel Fredrick Rehatta
	Structural Assessment of Chemical Constituent of Sidaguri (Sida rhombifolia	Pesquisa Brasileira em Odontopediatria	2019	Indrya K. Mattulada, Nurhayaty

Linn) and Its Ability to Inhibit Cyclooxygenase	e Clinica Integrada vol: 19 issue: 1 2019-01-01		Natsir, Subehan Subehan, Fredryk Mandey, Lukman Muslimin
Potential Combination of Sidaguri Root (<i>Sida rhombifolia</i> L.) and <i>Jatropha sap</i> (<i>Jatropha curcas</i> L.) as Devitalization Material: Histopathological Study and Immunohistochemical Decrease in COX-2 and IL-1 β Expression.	Journal of Dentomaxillofacial Science (J Dentomaxillofac Sci) Vol: 4, No. 1 (2019)	2019	Indrya Kirana Mattulada, Nurhayaty Natsir, Lukman Muslimin
Polymerization of Resin-Based Composites Restoration: A Literature Review	Journal of International Dental and Medical Research 12 (4), 1618-1625 2019	2019	Andries, Shinta; Yonngki, Rehatta.
Chewable Lozenges using White Shrimp Waste (<i>Litopenaeus vannamei</i>) in Reduce Colonization of Bacteria <i>Streptococcus mutans</i> in the Case of Early Childhood Caries.	Systematic Reviews in Pharmacy Vol 11 (4), 293-299 2020	2020	H Achmad, RS Sartini, MF Singgih, YF Ramadhan y
Formulation of ethanol extract (<i>Myrmecodia pendans</i>) as an antibacterial streptococcus mutans in chewable lozenges for children with early childhood caries	Systematic Reviews in Pharmacy 11 (4), (2020)	2020	
Viabilities of Odontoblast Cells Following Addition of Haruan Fish in Calcium Hydroxide Open Access Macedonian Journal of Medical Sciences 8 (D), 58-63	Open Access Macedonian Journal of Medical Sciences 8 (D), 58-63 2020	2020	

	Matrix Metalloproteinase-1 (MMP-1) Expression and Density of Collagen Fibers following Application of Haruan Fish (<i>Channa striata</i>) Extract in Inflamed Pulp of Wistar Rat	Systematic Reviews in Pharmacy 11 (9), 6-9 2020	2020	
	Teledentistry as a solution in dentistry during the covid-19 pandemic period:	A systematic review International Journal of Pharmaceutical Research 12 2020	2020	
	In situ Effects of Nanohydroxyapatite Paste Derived from Chicken Eggshell on Tooth Enamel During Two Bleaching Regimens	International Journal of Pharmaceutical Research 2020	2020	
Activities in specialist bodies over the last 5 years	Organization		Role	Period
	Indonesian Dentist Association Branch Makassar		Member	