

## Profil Dosen



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**Jabatan:** Guru Besar / Profesor

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**Scopus:** -

**Sinta:** -

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### Profil Lengkap

Prof. Dr. Muh. Harun Achmad, drg., M.Kes., Sp.KGA., KKA(K), FSASS merupakan salah satu staf Dosen Departemen Ilmu Kedokteran Gigi Anak FKG Unhas. Beliau menamatkan sarjana kedokteran gigi pada tahun 1999 di FKG Unhas. Beliau menamatkan studi Magister Kesehatan di Unpad pada tahun 2010. Beliau kemudian melanjutkan studi dokter gigi spesialis kedokteran gigi anak pada tahun 2005-2009 di Unpad. Beliau juga kembali melanjutkan studi doktoral di FK Unhas pada tahun 2010 dan memperoleh gelarnya pada tahun 2013. Saat ini beliau banyak terlibat dalam berbagai project penelitian, pengembangan kurikulum kedokteran gigi, dan berbagai kegiatan pengabdian masyarakat yang berfokus pada tumbuh kembang kraniofacial anak.

Myofunctional Therapy and Pediatric Dentistry

Effectivity of Occlusal Splint for TMD Treatment in Child and Adolescent

The emerging crosstalk between atherosclerosis-related microRNAs and Bermuda triangle of foam cells: Cholesterol influx, trafficking, and efflux - 2023

Nanovaccines in cancer immunotherapy: Focusing on dendritic cell targeting

Hurdles to breakthrough in CAR T cell therapy of solid tumors

Human epidermal growth factor receptor 2 (HER2)-specific chimeric antigen receptor (CAR) for tumor immunotherapy; recent progress

Metabolic reprogramming by miRNAs in the tumor microenvironment: Focused on immunometabolism

Leukocyte telomere length and obesity in children and adolescents: A systematic review and meta-analysis

Synthesis of Bioactive Yttrium-Metal–Organic Framework as Efficient Nanocatalyst in Synthesis of Novel Pyrazolopyranopyrimidine Derivatives and Evaluation of Anticancer Activity

Effectiveness of Combination of Chitosan Gel and Hydroxyapatite from Crabs Shells (*Portunus pelagicus*) Waste as Bonegraft on Periodontal Network Regeneration through IL-1 and BMP-2 Analysis

The Effect of Periapical Radiography X-Ray Radiation on the Number of Leukocytes in Mice (*Mus musculus*)

Assessment of the Anti-inflammatory Activities of the Moringa Leaf Extract in Periodontitis Cases through IL-6 Cytokine Analysis in Wistar (*Rattus norvegicus*)

Virgin Coconut Oil as a New Concept for Periodontal Tissue Regeneration via Expressions of TNF- $\alpha$  and TGF- $\beta$  1

Myobrace versus twin block in the treatment of class II malocclusion in Children: A systematic review - 2024

Research Article Secretome of Hypoxia-Preconditioned Mesenchymal Stem Cells Promotes Liver Regeneration and Anti-Fibrotic Effect in Liver Fibrosis Animal Model - 2024

DEVELOPMENT OF BEET (*BETA VULGARIS*) SOLUTION AND RED DRAGON FRUIT SOLUTION (*HYLOCEREUS COSTARICENSIS*) AS DISCLOSING NATURAL AND SAFE DENTAL PLAQUE SOLUTION (MATERIAL IDENTIFICATION) - 2023

The Effect of Use of Mouthwash Chlorhexidine and Herbal Betel Leaf on Systolic and Diastolic Pressure - 2023

Development of Beet (*Beta vulgaris*) Solutions and Red Dragons Fruit Solutions (*Hylocereus Costaricensis*) as Disclosing Natural and Safe Dental Plaque Solution (Material Identification) - 2023

Stunting Prevention Application in Health Services: A Scoping Review - 2023

Bone Regeneration using Anchovy Extract (*Stolephorus* Sp.) through Analysis of Bone Morphoprotein (BMP2) - 2023

Use Of Green Clam Shells Extract Paste (*Perna Viridis*) With TGF- $\beta$  Expression Analysis In Reparative Dentin Formation - 2023

Stunting Prevention Application in Health Services: A Scoping Review - 2023

The Anti-hypoxia Potentials of Trans-sodium Crocetin in Hypoxia-related Diseases: A Re - 2023

Neuroprotective effects of gemfibrozil in neurological disorders: Focus on inflammation and molecular mechanisms - 2023

The Effectiveness of Anchovy as Antibacterial Agent for Children Oral Health - 2023

Effect Of Using Povidone Iodine and Herbal Propolis Antibacterial Mouth on Blood Pressure - 2023

Analysis of the correlation between malocclusion, bad oral habits, and the caries rate in adolescents: A systematic review - 2023

Recent advances of amino acid-based biosensors for the efficient food and water contamination detection in food samples and environmental resources: A technical and analytical overview towards advanced nanomaterials and biological receptor - 2023

Utilization Effectivity Of Pearl Oyster Shell (*Pinctada Maxima*) As Industrial Waste In Pangkep To Osteogenesis Bone Graft To *Cavia Porcellus* Femur - 2023

Ethanol Extract of *Moringa oleifera* Leaves Influences NF- $\kappa$ B Signaling Pathway for periodontal tissue regeneration in rats - 2023

The Influence of *Moringa Oleifera* Leaf Extract on Periodontitis Cases Through Rankl Expression Analysis - 2023

The Effectiveness Concentration of Basil Leaf Extract Inhibiting the Growth of *Candida Albicans*: Literature Review - 2023

Approach to clinical laser application in pediatric dentistry - 2022

Sociodemographic relationship with the prevalence of caries using ICDAS in children aged 12-16 years M - 2022

Effect Of Pacifier Use on Jaw Growth and Development in Children: A Systematic Review - 2022

Metabolic reprogramming by miRNAs in the tumor microenvironment: Focused on immunometabolism - 2022

Nutritional Improvement in Children with Cleft Lip and Cleft Palate Using a Combination of An Obturator and Feeding Bottle Infant - 2022

Nanovaccines in cancer immunotherapy: Focusing on dendritic cell targeting - 2022

Comparison of the Effectiveness of Orthodontic Treatment with Adenotonsillectomy Procedures in Children with Obstructive Sleep Apnea (OSA) - 2022

Advantages of Interceptive Orthodontic Treatment; Rapid Maxillary Expansion in Children with Malocclusion Resulting from Mouth Breathing Habits - 2022

Evaluation of Electromyography and Muscle Contraction in the Use of Myofunctional Appliances: A Systematic Review - 2022

Test Hedonic (Colour, Smell and Strength) Toothpick Based Basic Tuber Sago, Tuber Ginger and Tuber Carrot in Users Orthodontic Fixed - 2022

The Effectiveness of Using Twin Block Functional Appliances and Activators in Class II Malocclusion - 2022

Effectivity of Occlusal Splint for TMD Treatment in Child and Adolescent - 2022

South Sulawesi Milkfish (Chanos Chanos) Scale Waste as a New Anti-inflammatory Material in Socket Preservation - 2022

The Role of Mastication in Improving TGF- $\beta$  Levels on the Inhibition of Streptococcus sanguinis and Streptococcus mutans in Gingivitis - 2022

Effectiveness of Combination of Chitosan Gel and Hydroxyapatite from Crabs Shells (Portunus pelagicus) Waste as Bonegraft on Periodontal Network Regeneration through IL-1 and BMP-2 Analysis - 2022

Pinctada Maxima Pearl Shells as a Promising Bone Graft Material in the World of Dentistry - 2022

Stimulation of Osteoblast and Osteocalcin in the Bone Regeneration By Giving Bonegraft Golden Sea Cucumber - 2022

Effectiveness of Oral Cryotherapy for Oral Mucositis on Cancer Patient Undergoing Cancer Therapy: A Systematic Review - 2021

A DFT study on the Ag-decorated ZnO graphene-like nanosheet as a chemical sensor for ethanol: Explaining the experimental observations - 2021

Effect of sidaguri and jatropa on tooth microhardness and tooth surface: An in vitro evaluation using CLSM - 2021

The difference of VO<sub>2</sub>max and immune profile (Hmbgl, cortisol, Il-6, Tnf alpha, number of leukocytes, neutrophils and monocytes) in adolescents who were trained and untrained in basketball - 2021

The Effectiveness of Natural Virgin Coconut Oil in Periodontal Tissue Regeneration - 2021

Literature review: Problems of dental and oral health primary school children - 2021

Effectiveness Nacre Pearl Shell (*Pinctada Maxima*) as Bone Graft for Periodontal Bone Remodeling - 2021

Teledentistry as a solution in dentistry during the covid-19 pandemic period: A systematic review - 2020

deft Index Score of First Grade Elementary School Students in Accordance With Mothers Parenting Style on Tooth Brushing in Banjarbaru City. - 2020

Aquaporin-5, Subunit Beta in the Sodium Channel Epithelium, Lung Ultrasonography Examination in Transient Tachypnea of the Newborn - 2020

A Systematic Review of Gene Therapy as Treatment of Oral Squamous Cell Carcinoma - 2020

Successful Treatment of Alopecia Totalis with Topical Calcipotriol: Serial Case Report and Review of the Literature - 2020

Use of sea cucumber extract as an alternative treatment of inflammation by chronic periodontitis - 2020

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 Arni Irawaty Djais<sup>1</sup> , Sri Oktawati<sup>1</sup> , Hasanuddin Thahir<sup>1</sup> , Muchammad Hatta<sup>2</sup> , Bayu - 2023

Analysis of Dental Caries & Gingivitis with the Occurrence of Stunting in Children in Makassar City (Tamanrea Subdistrict) - 2020

Granulicatella Adiacens Bacteria Isolation from Perodontitcal Patients with Polymerase Chain Reaction Techniques - 2020

The Effectiveness of Channa striata Extract Antimicrobial Effect on Periopathogen Bacteria (Porphyromonas gingivalis and Aggregatibacter actinomycetemcomitans) - 2020

Chewable Lozenges using White Shrimp Waste (Litopenaeus vannamei) in Reduce Colonization of Bacteria Streptococcus mutans in the Case of Early Childhood Caries - 2020

Formulation of Ethanol Extract (Myrmecodia pendans) as an Antibacterial Streptococcus mutans in Chewable Lozenges for Children with Early Childhood Caries - 2020

The Effect of White Shrimp Head Chitosan Gel (Litopenaeus vannamei) on Inhibitory Strength of Periodontopathogenic Bacteria and Accelerating Wound Healing (In Vitro, Histological, and Clinical Tests) - 2020

The effect of the Combination of Demineralization Freeze Dried Dentin Matrix (DFDDM) and Moringa oleifera Lam to Increase Fibroblasts and Osteoblasts Cell - 2020

A Case Study of The Health Adaptation of Former Schizophrenics in Communicating with the Bugis Makassar Community in The South Sulawesi Province - 2020

Alternative Selection of Myofunctional Devices in The Treatment of Child Malocclusion - 2020

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