

## DIAN AGUSTIN WAHJUNINGRUM



### CV

#### ACADEMIC QUALIFICATION

Year	Academic Program	University	Program Study
1990	Dental School (S.KG.)	Universitas Airlangga	Undergraduate
1994	Dentis (DDS.)	Universitas Airlangga	Dentist
2004	Endodontic Specialist (Endod)	Universitas Airlangga	Endodontics
2008	Doctoral (Dr)	Universitas Airlangga	Medical Science

#### CONFERENCES / SYMPOSIUMS

Year	Conference	OC	Position
2018	World Endodontic	IFEA	Speaker
2018	3 <sup>th</sup> Master of Magnification Workkshop & Scientific Extravaganza	Indian Endodontic Society	Speaker
2018	Mahidol International Endodontic Conference	Mahidol University	Speaker
2017	IMEDITEC	UTM, Malaysia	Speaker
2017	Asian Pacific Society of Periodontology Meeting -APSP <sup>12</sup>	KAP (Korean Academic Periodontology)	Speaker

2017	Mahidol International Endodontic workshop	Mahidol University, Thailand	Speaker
2017	Int. Conference on future healthcare and economic development In South East Asia	Cheng Kung University	Speaker
2017	TIMNAS	UNAIR	Speaker
2017	TINI	IKORGI	Speaker
2016	Mahidol International Endodontic workshop	Mahidol University, Thailand	Speaker
2016	Asean Endodontic Conference	PP IKORGI	Speaker
2016	Mataram Up Date Dentistry	PDGI Mataram	Speaker
2016	Seminar Kesehatan Gigi Popular. Gigiku sehat badanku sehat	Inspektorat Bea Cukai Juanda	Speaker
2016	Easy and simple Finding MB2	Universitas Padjajaran	Speaker
2016	Easy and simple One Visit Endodontic. Live Surgery.	Universitas Padjajaran	Speaker
2015	Asian Conference on social science and health and environment	Tamure, Taiwan	Speaker
2015	Up date Root Canal Preparation	UNHAS, makasar	Speaker
2015	Step by step penambalan klas ii post perawatan endodontik	PDGI Cab Tuban	Speaker
2015	Prerestoratif Endodontic	PP Ikorgi	Speaker
2015	OLD AND NEW(est) Root Canal Preparation	PP IKORGI-Dept Konservasi	Speaker
2015	Bedah kasus estetik endo restorasi dengan pendekatan holistik yang di tunjang ilmu terkait	PP IKORGI	Speaker
2015	Seminar Kedokteran Gigi Berkelanjutan	Ladogi Makasar	Speaker
2015	Up date endorestorasi	IKORGI Cab Kalimantan	Speaker
2015	International Meeting. European Endodontic Society.	Barcelona, Spain	Speaker
2015	Current Issue in Endodontic	IKORGI CAB BALI	Speaker

2015	Peningkatan ketrampilan dokter gigi dalam menghadapi MEA	PDGI Batam	Speaker
2015	The 2 <sup>nd</sup> international meeting	Ikatan Forensik Odontologi Indonesia	Speaker
2015	Mahidol International Endodontic workshop	Mahidol University	Speaker
2014	Asean Endo Forum II	Philippines	Speaker
2014	IPAMAGI	INDONESIA	Speaker
2014	PDGI LOMBOK	PDGI LOMBOK	Speaker
2014	Ladogi Scientific Seminar	LADOGI MAKASAR	Speaker
2014	PDGI	PDGI SURABAYA	Speaker
2014	PDGI	PDGI SIDOARJO	Speaker
2014	TINI III	IKORGI	Speaker
2014	IKORGI MEDAN	IKORGI MEDAN	Speaker
2013	Asean Endo Forum I	Philippines	Speaker
2013	World Endodontic	IFEA, Japan	Speaker
2013	Batam Dentistry IV	PDGI Cab Batam	Speaker
2013	Malang Dentistry	Sensodyne-PDGI Cab Malang	Speaker
2013	Timnas	FKG UNAIR	Speaker
2013	The Contemporary management of Biofilm to Achieve Successful Root Canal Treatment	IKORGI-DEPT Konservasi-Joint Meeting dengan Hiroshima University, RSPTI Surabaya	Speaker
2013	One day seminar Home Bleaching	PDGI Surabaya	Speaker
2013	Dentisphere	UHT	Speaker

#### PROFESSIONAL MEMBERSHIP

<b>Year</b>	<b>Name of Organisation</b>	<b>Position</b>
2013-now	Malaysian Endodontic Association	Member
1995 – now	Persatuan Dokter Gigi Indonesia / PDGI	Member
2007 – now	Ikatan Konservasi Gigi Indonesia / IKORGI	Member
2010 - now	Ikatan Konservasi Gigi Indonesia / IKORGI	OC

2013-now	Kolegium Spesialis Konservasi Gigi	Secretary General
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#### AWARDS

<b>Year</b>	<b>Position</b>	<b>Name of Organisation</b>
2017	Pakar Universitas Airlangga	UNAIR
2016	4 <sup>th</sup> Dosen Berprestasi	FKG UNAIR
2014	1 <sup>st</sup> Outstanding Researcher of Indonesia	Iamure
2013	2 <sup>nd</sup> Poster Presentation on Dentisphere	UHT

#### VISITING LECTURE

<b>Year</b>	<b>Position</b>	<b>Name of University</b>
2016	Post Graduate Endodontic Specialist	Mahidol University
2016	Laboratory, computational for medical	University Technology Malaysia
2015	Post Graduate Endodontic Specialist	Mahidol University

#### STAFF EXCHANGE

<b>Year</b>	<b>Position</b>	<b>Name of University</b>
2016	Hospital visiting	Hiroshima University

#### RESEARCH INPUT

<b>Year</b>	<b>Position</b>	<b>Name of Organisation</b>
2018	Grant of International Collaboration	Kemenristek Dikti
2018	Grant of PUPT	Kemenristek Dikti
2017	Grant of Frame work	RKAT Fac of Dental Medical
2017	Grant of CPPBT	Kemenristek Dikti
2016	Grant of CPPBT	Kemenristek Dikti
2016	Grant of product research	UNAIR

2016	Grant of Collaboration research lecture-student	Dental Medicine UNAIR
2016	Grant of PUPT	Kemenristek Dikti
2015	Grant of PUPT	Kemenristek Dikti
2015	Grant of Collaboration research lecture-student	Dental Medicine UNAIR
2014	Grant of PUPT	Kemenristek Dikti
2014	Grant of Collaboration research lecture-student	Dental Medicine UNAIR
2013	Grant of PUPT	Kemenristek Dikti
2013	Grant of Collaboration research lecture-student	Dental Medicine UNAIR
2013	Grant of entrepreneurship	UNAIR
2012	Grant of Collaboration research lecture-student	Dental Medicine UNAIR
2011	Grant of Collaboration research lecture-student	Dental Medicine UNAIR

## RESEARCH COLLABORATION

<b>Year</b>	<b>Position</b>	<b>Pair of Collaboration</b>
2018	International Research collaboration Project : Optimalization The Potency Of Anti-Osteoporosis Of Apis Dorsata Honey For The New Natural Compound	UTM, Malaysia
2017	International Research collaboration Project : Optimalization The Potency Of Magnesium as Bone scaffold candidate	UTM, Malaysia
2016	International Research collaboration Project : computational Radiographic for root canal curfature	UTM, Malaysia
2016	International Research Collaboration And Scientific Publication: Seeking for the new natural compound for irigating of root canal treatment by regulating the penetration in tubuli	UTM, Malaysia
2016	International Research Collaboration And Scientific Publication: Propolis Project	International Medical University, Malaysia
2016	International Research Collaboration And Scientific Publication: Influence of emotional quetion on Endodontic treatment Project	International Medical University, Malaysia
2016	Research collaboration staff with post graduate student	VDW

## BOOK

<b>Year</b>	<b>Title</b>	<b>Position</b>
2016	Clinical modul for post graduate endodontic specialist	Co-Editor
2016	Skills lab for post graduate endodontic specialist	Co-Editor
2016	Regulation of Competency assesment for post graduate endodontic specialist	Co-Editor
2015	Clinical activity for under graduate	Contributor
2015	Standart operation prosedure for endodontic treatment	Contributor

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### **CHITOSAN SCAFFOLD. A BIOMEMBRANES CHALLENGES WITH TRADITIONAL PULP-CAPPING MATERIALS**

Performing successful pulp-capping procedures is predicated on many factors, including establishing thorough hemostasis and selecting appropriate materials support dentin bridge formation and sealing ability. Hence as the research continues in this modern era of dentistry, it is inevitable to open the roadway for an tissue engineering. Bio-membranes for guided tissue regeneration have emerged as an interesting alternative for directing the regeneration of mineralized tissues, such as bone and dentin. Chitosan as membrane scaffold is a very versatile natural biomaterial that has been explored for a range of bio-dental applications. CHS has numerous favorable properties such as biocompatibility, hydrophilicity, biodegradability, and a broad antibacterial spectrum (covering gram-negative and gram-positive bacteria as well as fungi). A chitosan biomembrane seeding with stem cells increasing release to enhance odontoblast-like cell function to promote reparative dentin formation.

Keywords: Chitosan scaffold, pulp capping, dentin reparatif