

# ZURAINIE BINTI ABLLAH



- KULLIYAH OF DENTISTRY
- IIUM Kuantan Campus
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## KELAYAKAN AKADEMIK

- Master of Clinical Dentistry
- Doctor of Dental Surgery

## TANGGUNGJAWAB MENGAJAR

CONSERVATIVE DENTISTRY YEAR 3	2019/2020
DENTAL PUBLIC HEALTH YEAR 1	2018/2019 2019/2020 2020/2021
DENTAL PUBLIC HEALTH YEAR 2	2018/2019 2019/2020 2020/2021
DENTAL PUBLIC HEALTH YEAR 3	2018/2019 2019/2020 2020/2021
DENTAL PUBLIC HEALTH YEAR 4	2018/2019 2019/2020 2020/2021
DENTAL PUBLIC HEALTH YEAR 5	2019/2020 2020/2021
Dental Public	2013/2014
Dental Public Health	2012/2013 2013/2014 2015/2016 2017/2018 2018/2019 2019/2020
Research Project	2013/2014 2018/2019

## PROJEK PENYELIDIKAN

### In Progress

- |                       |  |
|-----------------------|--|
| <b>2019 - Present</b> | Transferring Smoking Knowledge & Skills to 'Pembimbing Rakan Sebaya' (PRS), of Jabatan Bomba & Penyelamat Malaysia (JBPM) Negeri Pahang: Towards Reduction of Smokers among Fire Bridget in Pahang |
| <b>2019 - Present</b> | Transferring Oral Hygiene Practices Skill to Elderly Caregivers in Homecare Institution  |
| <b>2018 - Present</b> | Smoking Cessation Intervention for Dental Students (SCID)  |
| <b>2018 - Present</b> | EMPOWERING ORPHANAGE CARERS AND FACILITATORS ON ORAL HEALTH PROMOTION.   |

**2017 - Present** The Assessment of Vape Usage and its Relation to Oral Health Among Population in Kuantan, Pahang

**2016 - Present** Effects of Eurycoma longifolia jack (Tongkat Ali) root extract against oral pathogens: to promote general oral health

**2016 - Present** Analysis on the Inhibition of Periodontal Pathogens and its Virulence Genes Expression by Virgin Coconut Oil using Quantitative Real-Time Reverse Transcription-PCR(qRT-PCR)

**2016 - Present** The assessment of Aggressive periodontitis cases at IIUM Dental clinic

**2016 - Present** VCO blend, VCO soap and Coconut Water Antibacterial Properties Toward Inhibition of Infectious Oral Microbiota and Dental Caries Lesion

**2015 - Present** Evaluation of Mechanism of Action of Medium-chain fatty Acid from Virgin Coconut Oil and its Potential Role in Arresting Caries Lesion and Promoting Remineralisation on Dentine and Enamel Tooth Surface

**2015 - Present** Factors Affecting Oral Health Problem Among Pregnant Mother Attending Government Health Clinics in Kuantan Pahang

**Unknown - Present** EMPOWERING ORPHANAGE CARERS AND FACILITATORS ON ORAL HEALTH PROMOTION.

#### **Completed**

**2018 - 2018** Smoking Cessation Intervention for Dental Students (SCID)

**2018 - -1** Smoking Cessation Intervention for Dental Students (SCID)

**2016 - -1** Effects of Eurycoma longifolia jack (Tongkat Ali) root extract against oral pathogens: to promote general oral health

**2016 - 2019** Effects of Eurycoma longifolia jack (Tongkat Ali) root extract against oral pathogens: to promote general oral health

**2016 - 2019** Analysis on the Inhibition of Periodontal Pathogens and its Virulence Genes Expression by Virgin Coconut Oil using Quantitative Real-Time Reverse Transcription-PCR(qRT-PCR)

**2016 - 2020** The assessment of Aggressive periodontitis cases at IIUM Dental clinic

**2015 - 2018** Factors Affecting Oral Health Problem Among Pregnant Mother Attending Government Health Clinics in Kuantan Pahang

**2015 - 2018** A novel study of virgin coconut oil as an inhibitor against oral microbiata and its remineralisation potential on enamel tooth surface

**2015 - 2020** Evaluation of Mechanism of Action of Medium-chain fatty Acid from Virgin Coconut Oil and its Potential Role in Arresting Caries Lesion and Promoting Remineralisation on Dentine and Enamel Tooth Surface

**Article**

- 2020** [Mechanism of antifungal activity of virgin coconut oil on cell membrane of \*Candida Albicans\*.](#) Journal of International Dental and Medical Research , 13 (3) pp.903-908
- 2020** [Dental treatment needs among patients undergoing screening at a university-based dental institution in Kuantan, Pahang, Malaysia.](#) International Journal of Orofacial and Health Sciences , 1 (1) pp.18-27
- 2019** [Effects of \*Eurycoma longifolia\* jack \(Tongkat Ali\) alcoholic root extract against oral pathogens.](#) Pharmacognosy Journal , 11 (5) pp.1299-1302
- 2019** [Chronic periodontitis patients: their knowledge and its correlation with oral health related quality of life.](#) Materials Today: Proceedings , 16 pp.2302-2308
- 2019** [Prevention of Oral Health Disease : Knowledge and Practices among Pregnant Women in Kuantan, Pahang.](#) INTERNATIONAL JOURNAL OF ALLIED HEALTH SCIENCES , 3 (2) pp.923-932
- 2019** [Diet intake and caries status among final year students in IIUM Kuantan Campus.](#) Materials Today: Proceeding , 16 pp.2245-2252
- 2019** [Fatty acid evaluation and antimicrobial activity of virgin coconut oil and activated virgin coconut oil on streptococcus mutans.](#) Archives of Orofacial Sciences , 14 (2) pp.87-98
- 2019** [Application of direct fluorescence-based live/dead staining for assessment of antifungal activity of coconut oil against candida albicans.](#) Malaysian Journal of Analytical Sciences , 23 (5) pp.1-6
- 2018** [Assessment of calibration on clinical and practical supervision among dental lecturers..](#) The International Medical Journal Malaysia , 17 (Special Issue No.2) pp.219-223
- 2017** [Evaluation Of calcium and phosphorus content in virgin coconut oil, coconut milk and coconut water using ICPMS- assessment Of remineralization potential for tooth enamel.](#) The International Medical Journal Malaysia , 16 (Supplementary Issue No 2) pp.1-1
- 2017** [The cholesterol lowering effects of \*Eurycoma longifolia\* Jack \(Tongkat Ali\) root extract in male rats.](#) Makara Journal of Health Research , 21 (1) pp.25-29
- 2017** [The antimicrobial effect of virgin coconut oil on oral pathogen.](#) The International Medical Journal Malaysia , 16 (Supplementary issue no 2)

**Conference or Workshop Item**

- 2020** [Prevalence, pattern and attitude towards self-medication practice for dental problems in Kuantan, Pahang.](#) **In: 9th Dental Students' Scientific Conference**
- 2019** [The effect of dental caries in children on the colonisation of \*Candida\* species.](#) **In: 18th Annual Scientific meeting of International Association for Dental Research (IADR) 2019**
- 2019** [The effect of dental caries on the colonization of \*Candida\* species: an in vitro study.](#) **In: 8th Dental Student Scientific Conference (DSSC)**

- 2019 [Enamel subsurface remineralization potential of virgin coconut oil, coconut milk and coconut water.](#) In: **Conference on BioMedical and Advanced Materials (Bio-CAM 2017)**
- 2019 [Plant-based milk in arresting caries.](#) In: **Conference on BioMedical and Advanced Materials (Bio-CAM 2017)**
- 2019 [The potential effect of coconut water as natural healer in adult patient with chronic periodontitis: A preliminary clinical study.](#) In: **5th Medical Research Symposium 2019**
- 2019 [Oral cancer awareness among patients attending university dental clinic in Kuantan, Pahang.](#) In: **Conference on BioMedical and Advanced Materials (Bio-CAM 2017)**
- 2019 [The effect of virgin coconut oil \(VCO\) on physiological halitosis. A randomized controlled pilot trial..](#) In: **5th Medical Research Symposium Kulliyah of Medicine 2019**
- 2019 [The impact of community learning program to a Kuantan dental students.](#) In: **Conference on BioMedical and Advanced Materials (Bio-CAM 2017)**
- 2019 [Awareness on root canal treatment among patients attending dental clinic in Kuantan, Pahang.](#) In: **Conference on BioMedical and Advanced Materials (Bio-CAM 2017)**
- 2018 [Time-series forecasting analysis on dental treatment need of first-visit patients at IIUM Dental Outpatient Clinic \(Periodontal and Conservative Department\) for the year 2017 and 2018.](#) In: **7th Dental Students' Scientific Conference**
- 2018 [Development, implementation, and evaluation of an interactive smoking cessation intervention workshop for dental students \(SCIDs\).](#) In: **Symposium Kesarjanaan Pengajaran & Pembelajaran dan Penilaian Alternatif (SoTLA) UKM**
- 2018 [The effectiveness of using role-play as an educational tool in Teaching tobacco cessation module to dental students.](#) In: **Kuala Lumpur Nicotine Addiction International Conference 2018**
- 2018 [Effects of Eurycoma longifolia jack \(Tongkat Ali\) alcoholic root extract against oral pathogens.](#) In: **7th Dental Students Scientific Conference 2018 (DSSC)**
- 2018 [Application of direct fluorescence-based live/dead staining for assessment of antifungal activity of coconut oil against Candida albicans.](#) In: **International Conference of Analytical Sciences (SKAM31)**
- 2018 [The comparative antimicrobial effect of Activated Virgin Coconut Oil \(AVCO\) and Virgin Coconut Oil \(VCO\) against dental caries-related pathogens.](#) In: **International Dental Conference of Sumatera Utara 2017 (IDCSU 2017)**
- 2018 [Virgin coconut oil and its antimicrobial properties against pathogenic microorganisms: a review.](#) In: **International Dental Conference of Sumatera Utara 2017 (IDCSU 2017)**
- 2018 [Remineralization evaluation of cocos nucifera extracts via element quantification.](#) In: **International Dental Conference of Sumatera Utara 2017 (IDCSU 2017)**

- 2018 [The potential effect of coconut water as natural healer in adult patient with chronic periodontitis: a preliminary clinical study.](#) In: **The 7th Dental Students' Scientific Conference : Enculturing Research Innovating Ideas**
- 2018 [Antifungal effects of Eurycoma longifolia jack \(Tongkat Ali\) root extract against oral Candida albicans.](#) In: **International Conference on Oral Immunology and Oral Microbiology (ICOIOM 2018)**
- 2017 [Dental treatment need among first-visit patients of Dental Outpatient Clinic at IIUM Kuantan for the year 2016.](#) In: **1st IIUM International Dental Conference 2017 in Commemoration of the Kulliyah of Dentistry 10th Anniversary (1st IIDC)**
- 2017 [Oral health problem among pregnant mothers: age and attitude do matter.](#) In: **1st IIUM International Dental Conference 2017 in Commemoration of the Kulliyah of Dentistry 10th Anniversary (1st IIDC)**
- 2017 [Chronic periodontitis patients: Their knowledge and its correlation with oral health related quality of life.](#) In: **Conference on BioMedical and Advanced Materials (Bio-CAM 2017)**
- 2017 [Evaluation of knowledge and attitude towards oral health during pregnancy and common practices among pregnant women residing in Pahang, Malaysia.](#) In: **1st IIUM International Dental Conference 2017 in Commemoration of the Kulliyah of Dentistry 10th Anniversary (1st IIDC)**
- 2017 [Barriers To utilization of oral health care services among antenatal mothers in Kuantan, Pahang.](#) In: **1st IIUM International Dental Conference 2017 in Commemoration of the Kulliyah of Dentistry 10th Anniversary (1st IIDC)**
- 2017 [Chronic periodontitis patients: their knowledge and its correlation with oral health related quality of life.](#) In: **Bio-CAM 2017 Conference on Biomedical & Advanced Material**
- 2016 [Oral health care among pregnant women in a local primary care institution in Kuantan Pahang- A Preliminary report.](#) In: **19th Family Medicine Scientific Conference 2016**
- 2016 [The role of training for dental students in scoring caries.](#) In: **Medical Research Symposium & Pacific Partnership in conjunction with Kuantan Research Day 2016**
- 2016 [Assessment of the calibration on clinical and practical supervision among dental lecturers..](#) In: **2nd World Congress on Integration and Islamicisation: Focus on Medical and Health Care Sciences**
- 2015 [Oral cancer awareness among dental patients attending polyclinic, kulliyah of dentistry, International Islamic University Malaysia \(IIUM\): a preliminary study.](#) In: **18th Malaysia Family Medicine Scientific Conference 2015**
- 2014 [Relationship between educational background and patient motivation to seek dental treatment.](#) In: **International Research, Invention and Innovation Exhibition 2014 (IRIIE2014)**
- 2014 [Perception of the Periodontitis Patients on Oral Health-Related Quality of Life \(OHQoL\): Does Socio-demographic factors influence on it? A pilot study among the Patients from Polyclinic, Kulliyah of Dentistry, International Islamic University, Malaysia .](#) In: **Malaysia-International Dental Education and Conference**

**2013** [Evaluation of oral health education puppet shows conducted by 3rd year dental students, Dental Faculty of International Islamic University Malaysia.](#) In: **7th Asian Conference of Oral Health Promotion for School Children (ACOHPS)**

**Book  
Book Section**

**2019** [AVCO Mouthwash.](#) In: **Sustainable Oral Health Through Innovative Solutions** IM Books Everything . ISBN 978-967-17200-0-4 , pp.35-39

**2019** [AVCO Mouthwash.](#) In: **Sustainable Oral Health Through Innovative Solutions** IM Books Everything . ISBN 978-967-17200-0-4 , pp.35-39