

BIOMATERIAL SCIENCES

KULLIYAH OF DENTISTRY, INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA

| NO | PROJECT TITLE | GRANT NO. |
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| 1 | The Study of the +B2:B35Effect of Flax Seed on Candidal Growth in Vetro (Comparative Study) | EDW A11-074-0865 |
| 2 | The impact of mandibular complete denture on muscles of mastication | EDW A11-134-0925 |
| 3 | KVC Book Project 2011- Manual of Preclinic Removable Prosthodontics | EDW A11-304-1095 |
| 4 | KVC Book Project 2011- Essential Laboratory Diagnosis for Dental Students | EDW A11-305-1096 |
| 5 | KVC Book Project 2011- Application of Basic Medical Sciences in Clinical Dental Work | EDW A11-307-1098 |
| 6 | Manual for Preclinical Removable Partial Denture Prosthodontics | EDW A12-570-1361 |
| 7 | Study on Antineoplastic Activity of Thymoquinone, an Active Ingredient of Black seed(Nigella Sativa)against Oral | EDW B 0902-212 |
| 8 | Shear Bond Strength of Resin Inlays Bonded with a Newly Developed MMA-Based Resin Cement to Mid-Coronal and Cervical Enamel | EDW B 0902-213 |
| 9 | Analysis of Bond Strength of Three Different Types of Bonding Agent on Different Types of Tooth Substrates in Different Periods of Time | EDW B 0902-217 |
| 10 | Antibacterial activity and cytotoxicity of new modified class Ionomer dental cement | EDW B0906-319 |
| 11 | Study on anticancer activities of b-mangostin extracted from Garcinia malaccensis against human head neck squamous cell carcinoma (HNSCC) cells | EDW B11-021-0499 |
| 12 | Hormonal, Biochemical and Histopathological effect of Eurycoma longifolia Jack extract on rat | EDW B11-066-0544 |
| 13 | New Porous Glass Ceramic For Dental and Medical Applications | EDW B11-067-0545 |

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| 14 | An Ultrastructural and Histological Study on the Role of Arcrylic and Chrome-Cobalt Palatal Plates in Development of Denture Stomatitis | EDW B11-137-0476 |
| 15 | The effect of inoculation of Candida albicans under acrylic and chrome- cobalt palatal , a comparative Microbiological study | EDW B11-138-0477 |
| 16 | RU 2011 -Molecular genetic analysis of Aggregatibacter actinomycetemcomitans in a sample of malaysian individuals with advanced periodontitis. | EDW B11-223-0701 |
| 17 | (RU2011) Effect of Chitosan-based implant coating on bone healing | EDW B11-140-0618 |
| 18 | RU 2011 -Role of stress and topical use of Tualang honey in patient with recurretn aphthous stomatitis, Kuliyyah of Dentistry, IIUM. | EDW B11-226-0704 |
| 19 | (RU2011) Anti-bacterial effect of Nigella Sativa as intra-canal medication | EDW B11-139-0617 |
| 20 | RU 2011 -Clinical comparative study on class II restorations (Amalgam and Composite) done by KOD students. | EDW B11-240-0718 |
| 21 | RU 2011 -Dimensional stability of hydrophilic and hydrophobic addition silicone and polyether impression materials. | EDW B11-243-0721 |
| 22 | RU 2011 -Comparation of antibacterial effect between black tea and white tea extract (Camellia sinensis) on streptococcus viridans. | EDW B11-244-0722 |
| 23 | RU 2011 -Isolation, primary culture and maintenance & preservation of mouse hepatocytes | EDW B11-249-0727 |
| 24 | New Design of Implants for Dental and Medical Applications | EDW B12-370-0848 |
| 25 | Study on the antioxidant activities of lutein and beta-carotene and their properties in cellular level. | EDW B13-073-0958 |

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| 26 | In Vitro Anticancer Potentials Of Ethyl P-Methoxycinnamate (EPMC) An Active Ingredient Of Cekur (Kaempferia Galanga) On Human Cancer Cell Lines Differing In P53 Status. | EDW B14-102-0987 |
| 27 | Tumor suppressor p73 β -loaded PLGA/chitosan/Nigella sativa nanoparticles: A novel non-viral gene delivery system for oral squamous cell carcinoma therapy | FRGS15-251-0492 |
| 28 | Flax seed extract and its effect on WNT signaling pathway in the osteogenic differentiation potential of stem cells from human exfoliated deciduous teeth (SHED) | FRGS15-252-0493 |
| 29 | Immunological, Histopathological and Gene Expression Changes Induced by Flax Seed Extract during Wound Healing Process | FRGS16-010-0509 |
| 30 | 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) | FRGS16-020-0519 |
| 31 | Elucidation of Candida albicans candidalysin mechanism in polymicrobial biofilms with Actinomyces naeslundii and Streptococcus mutans using flow cell model | FRGS19-024-0632 |
| 32 | Evaluation of antihypertensive mechanisms and pathways modulated by Syzygium polyanthum leaves fraction: In vitro study. | FRGS19-025-0633 |
| 33 | Invitation of Participation in Product Development : " Customised Biomedical Implants through Additive Manufacturing" | JP17-007-0097 |
| 34 | Histological and immunohistochemical mechanisms of Eurycoma longifolia jack induced wound healing | P-RIGS18-030-0030 |
| 35 | Elucidation of the role of oral microbiome in promoting healthy oral cavity and pathogenesis | P-RIGS18-036-0036 |
| 36 | Therapeutic Effect of Sarang Semut Plant Extract (Myrmecodya Pendens) on Wound Healing in Oral Cavity | RAGS13-015-0078 |

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| 37 | A novel study of virgin coconut oil as an inhibitor against oral microbiata and its remineralisation potential on enamel tooth surface | RAGS15-062-0125 |
| 38 | Bio-Assay Guided Fractionation of Hypotensive Compounds from Syzygium Polyanthum Wight (Walp.)var. Polyanthum Leaves | RIGS15-039-0039 |
| 39 | Comparative analysis of the sealing ability of various restorative materials used after endodontic treatment - a in vitro study | RIGS15-041-0041 |
| 40 | Comparison of Depth of Cure Among Four Bulk Fill Composites: An in Vitro Study | RIGS15-046-0046 |
| 41 | Potential Oral Wound Healing of Topical Application of Antioxidant Gel Prepared from Baccaurea Angulate Fruit in Diabetic Rabbit | RIGS15-047-0047 |
| 42 | Antimicrobial action of Flaxseed and Nigella sativa oil on selected oral pathogen in intracanal environment | RIGS15-048-0048 |
| 43 | Antibacterial efficacy of extract miswak (Salvadora persica) as root canal treatment irrigation : an in vitro study | RIGS15-049-0049 |
| 44 | The Potential Effect of Mangosteen Derived Proanthocyanidins incorporation Into Self-etching Primer on Dentine Bond Strength | RIGS15-050-0050 |
| 45 | Anti-Cariogenic Activity of Three Groups of Malaysian Seaweeds Extract Against Oral Cariogenic Bacteria: in Vitro | RIGS15-051-0051 |
| 46 | Standards Of Care for Cleft Lip and Palate Patients in Malaysia : A Cross-Sectional Survey | RIGS15-052-0052 |
| 47 | Evaluation of Mechanism of Action of Medium-chain fatty Asid from Virgin Coconut Oil and its Potential Role in Arresting Caries Lesion and Promoting Remineralisation on Dentine and Enamel Tooth Surface | RIGS15-053-0053 |

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| 48 | Effects of Eurycoma longifolia jack (Tongkat Ali) root extract against oral pathogens: to promote general oral health | RIGS16-137-0301 |
| 49 | Cutaneous Wound Healing Effect Of Myrmecodia Pendens Hydroethanol Extract In Rats | RIGS16-138-0302 |
| 50 | Effect of different concentration of bleaching agents the micro hardness of resin composite-an in vitro study | RIGS16-322-0486 |
| 51 | Physicochemical Characterization of Anti-Mucositis Gel Prepared From Eugenia Jambolana Leaves | RIGS16-325-0489 |
| 52 | Molecular mechanisms of anticancer activity of Sarang Semut (Myrmecodia pendans) plant extract on oral squamous cell carcinoma cell line | RIGS16-327-0491 |
| 53 | Miswak teaching-ignorant approach amongst Malaysian dental educators | RIGS16-329-0493 |
| 54 | The effects of <i>Salvadora persica</i> (miswak) on oral soft and hard tissue healing. | RIGS17-035-0610 |
| 55 | GuttaFlow Bioseal versus monocone obturation technique. A scanning electron microscopy study. | RIGS17-079-0654 |
| 56 | The effect of polymicrobial interaction to the virulence factors of <i>Candida albicans</i> | RIGS17-083-0658 |
| 57 | Effect of Eurycoma Longifolia on Testosterone Level on Rat | SP16-019-0232 |
| 58 | Epithelization, ossification and gene expression of the socket after tooth extraction in diabetic rats treated by flax seed extract | SP17-026-0288 |