

2011 Research Grants

Research Title	Lead Researcher	Budget (RM)	Duration	Type of Grant	Research Cluster
1) Characterization and gene expression analysis of rabbit primary epidermal keratinocytes	Dr. T.P. Kannan	200,600.00	01/01/11 - 31/12/12	RU	Genetics
2) Synthesis of hybrid silica nanoparticles from rice husk for fabrication of dental nanocomposites	Prof. Ismail Ab Rahman	242,551.00	01/01/11 - 31/12/12	RU	Biomaterials
3) Immunogenicity of hemagglutinin (HA) epitopes of Malaysian influenza H5N1 virus in mice	Dr. Nurul Asma Abdullah	32,813.00	01/02/11 - 31/1/13	USM Short Term	Immunology
4) Comparison of shear bond strength between transbond XT with SEP and Fuji Ortho LC and study on enamel condition after debond with three different finishing burs	Dr. Rozita Hassan	33,610.00	01/02/11 - 31/1/13	USM Short Term	Biomaterials
5) Influence of polymerization properties of resin cements on bond strength of fiber post and titanium post	Dr. Fazal Reza	33,740.00	01/02/11 - 31/01/13	USM Short Term	Biomaterials
6) The mechanism of osseointegration on hydroxyapatite (HA)-induced osteoblast stimulated with cytokines	Dr. Nurul Asma Abdullah	98,500.00	01/04/11 - 31/03/13	FRGS, MOHE	Immunology
7) Genotoxicity evaluation of locally produced dental restoration nanocomposite using comet assay and chromosome aberration tests	Assoc. Prof. Dr. T.P. Kannan	39,210.00	01/04/11 - 31/03/13	USM Short Term	Biomaterials
8) Synthesis of nanohydroxyapatite-silica hybrid by in-situ sol-gel for fabrication of glass ionomer cement (GIC) dental nanocomposites	Prof. Ismail Ab Rahman	98,440.00	01/05/11 - 30/04/13	FRGS, MOHE	Biomaterials
9) Evaluation of anti-cardiolipin antibodies in periodontitis patients	Dr. Wan Majdiah Wan Mohamad	39,246.00	15/05/11 - 14/05/13	USM Short Term	Immunology

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10) In vitro fracture resistance and fracture pattern studies on root reinforcement using different obturating materials and reinforcement materials	Assoc. Prof. Dr. Sam'an Malik Masudi	32,311.00	15/05/11 - 14/05/13	USM Short Term	Biomaterials
11) The effects of xylitol chewing gum on oral environment among army personnel involved in army operation at Malaysia-Thailand border	Assoc. Prof. Dr. Normastura Abdul Rahman	39,925.00	15/05/11 - 14/05/13	USM Short Term	Oral Health
12) To compare the effectiveness between turmeric paste and triamcinolone in treating minor oral recurrent aphthous stomatitis	Dr. Daddy Suradi Halim	14,635.00	15/08/11 - 14/08/13	USM Short Term	Oral Health
13) Understanding the interaction of FcyRIIa gene polymorphism with periodontal disease	Dr. Haslina Taib	39,876.00	15/08/11 - 14/08/13	USM Short Term	Oral Health
14) Factors associated with oral health related quality of life among pregnant women in Hospital Universiti Sains Malaysia	Dr. Norkhafizah Saddki	17,762.00	15/08/11 - 14/08/13	USM Short Term	Oral Health
15) Comparative study on Coragraf and BioOss as bone substitutes in maxillary sinus augmentation for implant placement	Dr. Shaifulizan Ab Rahman	40,000.00	15/08/11 - 14/08/13	USM Short Term	Biomaterials
16) A study of permanent second and third molars in determining the optimal time for orthodontic intervention among Malay population using radiographs	Dr. Shani Ann Mani	9,060.00	15/08/11 - 14/08/13	USM Short Term	Oral Health