

2013 Research Grants

1) Biomodelling for cranio-maxillofacial reconstruction: Patient specific aesthetic, functional and affordable biomaterial implant and prostheses

Grant Type: USM Long-Term, RM999,089.00

Duration : 01 Feb 2013 - 31 Jan 2017.

Researchers: Prof. Madya Dr Zainul Ahmad Rajion, Prof Abdul Hanan Abdullah, Dr Aboamama Atahar Ahmed, Prof Madya Eng. Dr Mohammed Rafiq Dato' Abdul Kadir, Dr Norhayati Luddin, Prof Adam Husein, Dr Md Saidin Wahab, Prof Abd Rahni Mt Piah, Prof Madya Ahmad Majid, Dr Dasmawati Mohamad, Prof Ismail Ab Rahman, Dr Abdullah Pohchi, Prof Hazizan Md Akil, Dr Marzuki Omar, Dr Zamzuri Idris, Prof Madya Bahari Belaton, Dr Abdul Rahman Izaini Ghani, Dr Nurul Asma Abdullah, Prof Madya Dr Muhammad Naziman Ab Rahman, Dr Norkhafizah Saddki, Mr Abdul Hakim Abdul Basir.

2) A Three Dimensional Computed Tomography (3D CT) Study of Maxillary Sinus in Malays

Grant Type: USM Short-Term, RM36,599.00

Duration : 01 April 2013 - 31 March 2015

Researchers : Dr Asilah Yusof, Assoc Prof Rozita Hassan.

3) The mechanism of NFKB signalling in odontogenic stem cell differentiation induced by BMP2 for dental pulp tissue engineering

Grant Type: FRGS Fasa1/2013, RM80,000.00

Researchers : Dr Azlina Ahmad

4) Properties of gypsum-based biomaterials and its effect on proliferation and odontoblastic differentiation in stem cells of human exfoliated deciduous teeth (SHED)

Grant Type: USM Short Term, RM37,207.00

Duration : 01 May 2013 - 30 April 2015

Researchers : Dr Fazal Reza, Assoc Prof Dr Adam Husein, Dr Nurul Asma Abdullah.

5) Biomechanics of dental implant : 3-dimensional assessment

Grant Type: USM Short Term, RM40,000.00

Duration : 01 May 2013 - 30 April 2015

Researchers : Dr Abdullah Pohchi, Assoc Prof Dr Zainul Ahmad Rajion, Dr Dasmawati Mohamad, Engr. Assoc Prof Dr Mohammed Rafiq Dato' Abdul Kadir

6) Intensive Grant: Dr Nik Rozainah Nik Abdul Ghani - RM 5,000

7) In Vitro Studies on Antimicrobial Properties of Malaysian Honey and Propolis Extract Against Pathogens Implicated in Denture Stomatitis

Grant Type: USM Short Term, RM40,000.00

Duration : 15 November 2013 - 14 November 2015

Researchers : Dr Nurhayu Ab Rahman, Dr Suharni Mohamad, Ms Haswati @Nurhayati Abdullah

8) Effect of Human Saliva Derived Exosome on the Proliferation and Differentiation of Human Periodontal Ligament Stem Cells Cell Line - An In Vitro Study

Grant Type: USM Short Term, RM40,000.00

Duration : 15 November 2013 - 14 November 2015

Researchers : Dr Wan Nazatul Shima Shahidan, Dr Azlina Ahmad, Dr Khairani Idah Mokhtar@Makhtar, Dr Zurairah Berahim

9) Dry Mouth Condition and Swallowing Impairment in Patients with Type II Diabetes Mellitus

Grant Type: USM Short Term, RM40,000.00

Duration : 15 November 2013 - 14 November 2015

Researchers : Dr Norsila Abdul Wahab, Dr Azlina Ahmad, Dr Haslina Taib

9) Locally Delivered Minocycline, As An Adjunct to Nonsurgical Treatment In Moderate To Severe Chronic Periodontitis With Type 2 Diabetes : A Randomized Controlled Clinical Trial

Grant Type: RUI Grant, RM162,087.60

Duration : 36 months

Researchers : Dr Siti Lailatul Akmar Zainuddin

10) DNA Microarray Screening Of Non-Syndromic Cleft Lip And Palate Patients With Dental Anomalies

Grant Type: RUI Grant, RM221,831.40

Duration : 01 December 2013 - 30 November 2016

Researchers : Prof Madya Dr Normastura Abd Rahman, Dr Azlina Ahmad, Dr Sarina Sulong

11) The Role of Interleukin-8 (IL-8)-Immunomodulatory Pathway In The Differentiation Of Stem Cells From Human Exfoliated Deciduous Teeth (SHED) Into Odontoblast-Like Cells

Grant Type: RUI Grant, RM190,500.00

Duration : 01 December 2013 - 30 November 2016

Researchers: Dr Khairul Bariah Ahmad Amin Noordin, Prof Madya Dr T.P. Kannan, Dr Azlina Ahmad, Dr Khairani Idah Mokhtar@ Makhtar