

2017 Research Grants

1) Seroprevalence of toxoplasmosis among blood donors and hemato-oncology patients in Hospital USM

Grant Type: USM Short Term, RM28,666.10

Duration: 01 Feb 2017 - 31 Jan 2019

Researchers: Dr. Wan Suriana Wan Ab Rahman, Associate Prof. Dr. Azlan Husin, Dr. Wan Haslindawani Wan Mahmood, Dr. Suharni Mohamad, Dr. Wan Majdiah Wan Mohamad, Dr. Wan Nazatul Shima Shahidan.

2) Molecular basis of stem cell homing regulation in local angiogenesis of tissue repair

Grant Type: USM Short Term, RM29,847.36

Duration: 15 Feb 2017 - 14 Feb 2019

Researchers: Dr. Norhayati Yusop, Dr. Azlina Ahmad.

3) Characterization of vascular endothelial growth receptors (VEGFRs) in human papilloma virus (HPV)-related oral squamous cell carcinoma cell lines

Grant Type: USM Short Term, RM34,894.00

Duration: 15 Feb 2017 - 14 Feb 2019

Researchers: Dr. Norzalina Zawawi, Dr. Nurhayu Ab Rahman, Dr. Aidy Irman Yajid, Dr. Siti Norasikin Mohd Nafi.

4) Differentiation and characterization of epithelial cells and fibroblasts from stem cells from human exfoliated deciduous teeth (SHED)

Grant Type: Malaysian Toray Science Foundation (MTSF), RM20,000.00

Date of Approval: 16 Feb 2017

Researcher: Nurul Hafizah binti Mohd Nor

5) Transcriptional profiling of co-culture induction of adult stem cell differentiation to keratinocyte-like cells

Grant Type: RUI, RM99,970.00

Duration: 01 Mar 2017 - 29 Feb 2020

Researchers: Dr. Azlina Ahmad, Prof. Dr. Ahmad Sukari Halim, Prof. Dr. Suzina Sheikh Abdul Hamid, Associate Prof. Dr. T.P. Kannan, Dr. Khairul Bariah Ahmad Amin Noordin, Associate Prof. Dr. Nazia Majid.

6) Craniofacial morphology in late adolescent Class III malocclusion patients treated with active skeletonized sutural distractor and facemask appliances

Grant Type: RUI, RM94,880.00

Duration: 01 Mar 2017 - 29 Feb 2020

Researchers: Dr. Norma Ab Rahman, Prof. Dr. Rozita Hassan, Associate Prof. Dr. Norkhafizah Saddki, Associate Prof. Dr. Shaifulizan Ab Rahman.

7) Synthesis and Characterization of Zirconia -Calcium Nanocomposite for Dental Application

Grant Type: USM Short Term, RM31,662.00

Duration: 01 Apr 2017 - 31 Mar 2019

Researchers: Dr Tang Liszen, Prof. Dr Ismail Ab Rahman, Prof. Dr Adam Husein, Dr Zuryati Ab Ghani, Dr Tahir Yusuf Noorani.

8) Intra-subject investigation into the role of dental plaque induced IL-17 family cytokine expression in the pathogenesis of periodontal disease

Grant Type: RUI, RM99,884.83

Duration: 01 May 2017 - 30 Apr 2020

Researchers: Dr. Raja Azman Raja Awang, Dr. Wan Nazatul Shima Shahidan, Associate Prof. Dr. Erry Mochamad Arief

9) Fabrication of Zirconia Using Nano Calcium Oxide Derived From Cockle Shells as Stabilizer For Dental Application

Grant Type: Science Fund, RM179,045.00

Duration: 01 May 2017 - 31 Oct 2019

Researchers: Dr. Zuryati Binti Ab Ghani, Prof. Dr. Adam Bin Husein, Prof. Dr. Ismail Bin Ab Rahman

10) Oral health knowledge, attitude and practice among family medicine specialists (FMS) in Malaysia

Grant Type: USM Short Term, RM28,900.00

Duration: 01 Jun 2017 - 31 May 2019

Researchers: Dr. Zainab Mat Yudin@Badrin, Associate Prof. Dr. Norkhafizah Saddki, Dr. Ninin Sukminingrum Masudi, Dr. Noraini Mohamad, Dr. Norsiah Ali

11) Influence of zirconia reinforcement on rice husk nanohybrid composite physical, mechanical and cytotoxicity properties

Grant Type: RUI, RM99,770.00

Duration: 01 Nov 2017 - 30 Oct 2020

Researchers: Dr. Noor Huda Ismail, Dr. Raja Azman Raja Awang, Prof. Dr. Ismail Ab Rahman, Assoc. Prof. Dr. Dasmawati Mohamad.