

2002 Research Grants

Research Title	Key Researcher	Budget (RM)	Duration	Type of Grant	Research Cluster
1) Craniofacial Growth Changes Following Surgically Created Defect on the Temporal Mandibular Joint	Dr. Suzina Sheikh Abd. Hamid	19,926.00	01/02/02 – 01/02/03	USM Short Term	Craniofacial Biology
2) Clinical Measurement and Evaluation of Vertical Dimension of Face	Dr. Haryo Mustiko Dipoyono	7,492.00	28/02/02 – 27/02/03	USM Short Term	Craniofacial Biology
3) In-Vivo Cytotoxic Evaluation of Sea Coral on Human Fibroblast Cell Line	Nor Shamsuria Omar	19,131.00	28/02/02 – 27/02/03	USM Short Term	Dental Biomaterial
4) 3-D Craniofacial Morphometrics: Pre- and Post-Operative Assessment of Malay Cleft Lip and Palate Children	Abdul Hakim Abdul Basir	14,000.00	21/03/02 – 20/03/02	USM Short Term	Craniofacial Biology
5) In-Vivo Study of a Locally-Manufactured Hydroxyapatite-Based Material as Bone Replacement Material	Dr. Noor Hayati Abdul Razak	18,035.00	21/03/02 – 20/03/02	USM Short Term	Dental Biomaterial
6) Craniofacial Growth Changes in Malay Children and Young Adults: A Cross-Sectional 3-D CT Pilot Study	Abdul Hakim Abdul Basir	18,708.00	18/06/02 – 17/06/03	USM Short Term	Craniofacial Biology
7) Arginase Activity in Murine Macrophages Stimulated with Lipopolysaccharide from <i>Actinobacillus actinomycetemcomitans</i> In Vitro	Dr. Wihaskoro Sosroseno	92,052.00	16/07/02 – 15/07/03	Fundamental	Oral Diseases
8) A Cross Sectional Study of Oral Anomalies and Speech Abnormality in Non-Syndromic Cleft Lip and Palate Children	Dr. Normastura Abd. Rahman	13,150.00	17/07/02 – 16/07/03	USM Short Term	Craniofacial Biology
9) The Role of Nitric Oxide on the Proliferation of a Human Osteoblast Cell Line (HOS cells) Stimulated with Hydroxyapatite	Dr. Wihaskoro Sosroseno	19,905.00	29/07/02 - 28/07/03	USM Short Term	Dental Biomaterial
10) Genotoxicity Study of Sea Coral Used as Bone Replacement Material	Dr. Suzina Sheikh Abd. Hamid	19,770.00	16/08/02 – 15/08/03	USM Short Term	Dental Biomaterial
11) In-Vitro Cytotoxicity Evaluation of Sea Coral on Human Osteoblast and Chondroblast Cell Line	Dr. Imran Ab. Ghani Azmi	17,945.00	16/08/02 – 15/08/03	USM Short Term	Dental Biomaterial
12) Development of Malaysian Craniofacial Profiles for Surgical Services, Forensic, Training and Education	Prof. Ab. Rani Samsudin	417,000.00	22/08/02 – 21/08/03	Top Down	Craniofacial Biology
13) The Role of Nitric Oxide on the Induction of Immune Response to <i>Actinobacillus actinomycetemcomitans</i> in a Mouse Model	Dr. Wihaskoro Sosroseno	209,000.00	12/09/02 – 11/09/03	EA IRPA	Dental Biomaterial

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14) Biomaterials for Medical Applications – Development of Bone Graft Substitutes Based on Calcium Phosphate Bioceramics	Prof. Ab. Rani Samsudin	204,000.00	01/11/02 – 01/11/03	Top Down	Dental Biomaterial
15) The Role of Nitric Acid on Hydroxyapatite-Stimulated Human Osteoblast Proliferation In Vitro	Dr. Erwan Sugiatno	62,120.00	08/11/02 – 07/11/03	Fundamental	Dental Biomaterial
16) The Study of Hearing and Speech In Early vs Late Palatoplasty Cleft Lip and Palate Children	Dr. Nezrean Radzana Mohamed	15,240.00	15/11/02 - 14/11/03	USM Short Term	Craniofacial Biology
17) Psychosocial Aspects of Teenaged Cleft Lip and Palate Patients and Their Parents	Dr. Siti Noor Fazliah Md. Noor	5,323.00	15/11/02 – 14/11/03	USM Short Term	Craniofacial Biology
18) Environmental Tobacco Smoke Exposure and the Risk of Non-Syndromic Oral Clefting Among Malays in Kelantan: A Clinical and Molecular Epidemiological Association	Dr. Ayu Abdullah	19,812.00	15/11/02 – 14/11/03	USM Short Term	Craniofacial Biology