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## ACADEMIC QUALIFICATION

- Master of Science
- Diploma in Tissue Banking
- Bachelor of Science in Biomedical Technology

## PUBLICATIONS

### Article

- 2019** [Orthopaedic metal implant coated with silver in a New Zealand white rabbit model: micro-ct assessment.](#) Malaysian Orthopaedic Journal , 13 (Supplement A) pp.1-1
- 2018** [Model of critical size defect in the New Zealand White rabbit's tibia.](#) The International Medical Journal Malaysia , 17 (1) pp.13-18
- 2017** [An experimental model of open tibial fracture in the New Zealand white rabbit: surgical technique.](#) Regenerative Research , 6 (1) pp.1-1
- 2017** [An experimental model of open tibial fracture in the New Zealand white rabbit : Surgical technique.](#) Regenerative Research , Volume 6 (Issue 1) pp.13
- 2016** [Model of a critical size defect in the New Zealand white rabbit's tibia.](#) International Medical Journal Malaysia , 15 pp.43-43
- 2016** [Model of a critical size defect in the New Zealand White rabbit's tibia.](#) The International Medical Journal Malaysia ( IMJM ) , 15 (Supplement Issue) pp.43
- 2016** [Histologic Evaluation of Hydroxyapatite granules with and without platelet-rich plasma versus an autologous bone graft.](#) Sultan Qaboos University Medical Journal , 16 (4) pp.422-429
- 2016** [Histological evaluation of hydroxyapatite granules with and without platelet-rich plasma versus an autologous bone graft : comparative study of biomaterials used for spinal fusion in a New Zealand white rabbit model.](#) Sultan Qaboos University Medical Journal , 16 (4) pp.422-429
- 2012** [Fracture fixation plates for fracture healing: comparing 316L stainless steel by metal injection molding technique plate with conventional plate in rabbit fracture model.](#) Regenerative Research , 1 (Supplement Issue) pp.62
- 2012** [Posterolateral intertransverse lumbar arthrodesis in the New Zealand white rabbit model: The illustration of an alternative surgical approach.](#) The International Medical Journal Malaysia , 1 (2) pp.19-22
- 2011** [In vitro elution and dissolution of tobramycin and gentamicin from calcium phosphate.](#) African Journal of Pharmacy and Pharmacology , 5 (20) pp.2283-2291

- 2010 [Fluorescence microscopy on the biocompatibility of gentamicin-coated hydroxyapatite \(HA\) material on osteoblast.](#) Malaysian Journal of Microscopy , 6 (1) pp.1-8
- Conference or Workshop Item**
- 2020 [Bone-graft interface in New Zealand White rabbit's model: A novel Malaysian-made biomaterial, "osteopaste".](#) In: **Malaysia Terchnology Expo 2020**
- 2019 [Bone-graft interface in New Zealand White rabbit's model: a novel Malaysian-made biomaterial, "osteopaste".](#) In: **28th Scientific Conference of Microscopy Society Malaysia**
- 2019 [Injectable self-hardened synthetic bone cement \(osteopaste\) as a filler for bone defects: A histological result from experimental study in New Zealand white rabbits' tibia.](#) In: **48th Malaysian Orthopaedic Association Annual Scientific Meeting / Annual General Meeting 2018**
- 2019 [Orthopaedic metal implant coated with silver in a New Zealand white rabbit model: micro-ct assessment.](#) In: **49th Malaysian Orthopaedic Association Annual Scientific Meeting / Annual General Meeting 2019**
- 2019 [In vivo performance of injectable self-hardened synthetic bone cement \(osteopaste\) as a filler for bone defects.](#) In: **SIRIM Invention, Innovation & Technology Expo (SI2TE) 2019**
- 2018 [Model of critical size defect in New Zealand white rabbit's tibia.](#) In: **Malaysia Technology Expo 2018**
- 2018 [Injectable self-hardened synthetic bone cement \(Osteopaste\) as a filler for bone defects: A histological result from experimental study in New Zealand white rabbit's tibia.](#) In: **Malaysia Technology Expo 2018**
- 2018 [Injectable self-hardened synthetic bone cement \(osteopaste\) as a filler for bone defects: A histological result from experimental study in New Zealand White rabbit's tibia.](#) In: **48th Malaysian Orthopaedic Association Annual Scientific Meeting/Annual General Meeting 2018**
- 2017 [An experimental model of open tibial fracture in the New Zealand white rabbit: Surgical technique.](#) In: **1st Postgraduate Symposium on Tissue Engineering and Regenerative Medicine 2017 (TERMSYMPO 2017)**
- 2017 [Preliminary in vivo evaluation of bone healing in critical size bone defects implanted with an injectable calcium-phosphate bone cement \(Osteopaste\).](#) In: **Medical Research Symposium 2017**
- 2016 [Model of a critical size defect in the New Zealand White rabbit's tibia.](#) In: **Medical Research Symposium & Pacific Partnership in conjunction with Kuantan Research Day 2016**
- 2016 [PRE-CLINICAL IN VIVO EVALUATION OF MALAYSIAN-MADE "OSTEOPASTE" - AN INJECTABLE SELF-HARDENED SYNTHETIC BONE CEMENT IN CRITICAL SIZE BONE DEFECTS.](#) In: **IUM Research Symposium 2016**
- 2015 [Pre-clinical in vivo evaluation of Malaysian-made "osteopaste" - an injectable self-hardened synthetic bone cement in critical size bone defects.](#) In: **45th Malaysian Orthopaedic Association: Annual Scientific Meeting**

- 2015 [Model of a critical size defect in the New Zealand white rabbit's tibia.](#) In: **45th Malaysian Orthopaedic Association Annual Scientific Meeting 2015**
- 2015 [Pre-clinical in vivo evaluation of Malaysian-made östeopaste"- an injectable self-hardened synthetic bone cement in critical size bone defects.](#) In: **Malaysian Technology Expo (MTE 2015)**
- 2014 [Model of a critical size defect in New Zealand white rabbits Tibia.](#) In: **International Research, Invention and Innovation Exhibition 2014 (IRIIE2014)**

**Book  
Book Section**