

# Candidate for MSc/ PhD/ Research Assistant

## PROJECT DETAILS

**Title:** Development and validation of clumps of mesenchymal stem cells (C-MSCs) in scaffold free bone regeneration and tissue engineering.

**Project Description:** To carry out a primary culture on mesenchymal stem cells taken from the periodontal tissues (pMSC). In addition we aim to grow clumps of MSC (C-MSC) obtained from pMSC's culture. The primary cultures of pMSC and C-MSC will be studied, compared and determined for characteristic differences (molecular characterization and differentiation potential).

**Scholarship/Stipend:** Research assistant with month salary of RM1800 negotiable.

**Entry requirement:** Must possess expertise in primary cell culture, differentiation work as well as molecular characterization.

**Duration:** 3-4 months

**Commencement date of the project:** Immediate

## HOW TO APPLY

Interested candidates can contact Prof. Khoo Suan Phaik (019-2399378 or email [suanphaik\\_khoo@imu.edu.my](mailto:suanphaik_khoo@imu.edu.my)) or Associate Prof Tan Eng Lai at [englai\\_tan@imu.edu.my](mailto:englai_tan@imu.edu.my)