



Faculty of Dentistry engages the national challenge of establishing Singapore as a biomedical research hub with a mission-driven research enterprise to improve oral and craniofacial health. With the rapid research development, the Faculty has recently established 3 research initiatives. If you share our mission and passion in undertaking impactful research to bring about excellence in oral and craniofacial care, join us for an enriching journey of discovery as we chart our course for the future.

We are looking for Research Scientists in each of the following research initiatives:-

- 1. Centre for Craniofacial & Regenerative Biology (CCRB)**
CCRB nurtures researches in the areas of pain mechanisms as well as wound healing and regeneration of oral hard and soft tissues [e.g. bone, oral mucosa and periodontal ligament/tissues] through novel techniques such as the use of human embryonic and adult stem cells as well as tissue engineering technologies.
- 2. Dental Biophotonics & Biomaterial Programme (DBBP)**
DBBP leverages on the platform technology of biophotonics to characterize and regulate the mechanisms of demineralization / remineralization of dental tissues and dental infection. This programme includes development of biomimetic materials for restorative oral therapy and biomechanics research on oral implants.
- 3. Cranio-facial Clinical Research Unit (CCRU)**
CCRU coordinates and facilitates the collaboration between clinicians and basic scientists with the engagement of industrial partners for translational research.

The responsibilities include the following:

- to initiate and lead research projects as Principal Investigator in the relevant field eg. human stem cells derived from adipose and bone marrow tissues, etc
- to develop research with clinical staff in the Faculty of Dentistry and provide domain expertise for on-going research projects as collaborators
- to conduct research courses and supervise PhD and MSc students, and to mentor research projects of clinical specialty residency students

Applicants should possess the following qualifications:-

- PhD in the field of life science disciplines of **Molecular Biology, Immunology, Chemistry/Biochemistry, Stem Cells (Human Bone Marrow, Adipose Tissue)** or a related field
- Minimum 2 years of post-doctoral experience in relevant field
- The ability to conduct research independently
- Strong communication and supervisory skills

Interested applicants should submit applications with indications of research interest/expert domains or position interested, along with a detailed CV, including publication list, a summary of research accomplishments and future research plans as well as three reference letters, attention to:

Associate Professor Varawan Sae-Lim
Vice Dean (Research)
Faculty of Dentistry
National University of Singapore
5 Lower Kent Ridge Road
Singapore 119074

For enquiries, please contact Ms Jasmine ye @ (65) 6772 4968 or email: denjyl@nus.edu.sg

Closing date: Until position is filled

We regret to inform you that only shortlisted candidates will be notified.