



รศ.ทพญ.ดร.เปรมจิต อารpornแม่กลอง

Premjit Arpornmaeklong

Year of graduation :

Degree [e.g. DDS (First class - honored)] : DDS

Major and Minor : DDS

University name : Chulalongkorn University

Country : Thailand

Year of graduation :

Degree [e.g. DDS (First class - honored)] : MSCs

Major and Minor : Oral and maxillofacial surgery

University name : Melbourne, Australia

Country : Australia

Year of graduation :

Degree [e.g. DDS (First class - honored)] : PhD

Major and Minor : Bone tissue engineering and stem cells

University name : Prince of Songkla University

Country : Thailand

- Dental mesenchymal stem cells and bone regeneration
- thermo and light sensitive chitosan/collagen hydrogels and bone regeneration
- Developing biphasic calcium phosphate from squid pen and natural flavonoids and metal nanoparticles
- Injectable bioactive scaffolds for bone regeneration and stem cell delivery
- clinical study on bone diseases in oral and maxillofacial region
- Arpornmaeklong P, Pressler MJ. Effects of β -TCP scaffolds on neurogenic and osteogenic differentiation of human embryonic stem cells. Ann Anat. 2018;215:52-62. doi:10.1016/j.aanat.2017.09.008

- Arpornmaeklong P, Sutthitairong C, Jantaramanant P, Pripatnanont P. Allogenic human serum, a clinical grade serum supplement for promoting human periodontal ligament stem cell expansion. *J Tissue Eng Regen Med.* 2018;12(1):142-152. doi:10.1002/term.2379
- Arpornmaeklong P, Pripatnanont P, Chookiatsiri C, Tangtrakulwanich B. Effects of Titanium Surface Microtopography and Simvastatin on Growth and Osteogenic Differentiation of Human Mesenchymal Stem Cells in Estrogen-Deprived Cell Culture. *Int J Oral Maxillofac Implants.* 2017;32(1):e35-e46. doi:10.11607/jomi.4969
- Arpornmaeklong P, Wang Z, Pressler MJ, Brown SE, Krebsbach PH. Expansion and characterization of human embryonic stem cell-derived osteoblast-like cells. *Cell Reprogram.* 2010;12(4):377-389. doi:10.1089/cell.2009.0079
- Arpornmaeklong P, Pripatnanont P, Kittidumkerng W, Mitarnun W. Effects of autogenous growth factors on heterotopic bone formation of osteogenic cells in small animal model. *J Craniomaxillofac Surg.* 2012;40(4):332-340. doi:10.1016/j.jcms.2011.05.006
- Arpornmaeklong P, Pressler MJ, Krebsbach PH. Phenotypic and differentiation stability of human embryonic stem cell-derived osteoblasts. *Cells Tissues Organs.* 2011;194(2-4):326-330. doi:10.1159/000324831
- Arpornmaeklong P, Shand JM, Heggie AA. Skeletal stability following maxillary impaction and mandibular advancement. *Int J Oral Maxillofac Surg.* 2004;33(7):656-663. doi:10.1016/j.ijom.2004.01.004