

Yolk Shell Nanocomposite Particles as Bioactive Bone Fillers and Growth Factor

Carriers

*Dr. Pujiang Shi, Dr. Sunny A. Abbah, Dr. Chuah Yon Jin, Prof. Jun Li, Prof. Yong Zhang,
Dr. Pengfei He, Prof. Hee-Kit Wong and Prof. James C H Goh**

Gene	Primer sequence	Primer source
RUNX2	F: 5' CCT TCC ACT CTC AGT AAG AAG A 3' R: 5' TAA GTA AAG GTG GCT GGA TAG T 3'	P.Shi et al. [16]
Osteocalcin	F: 5' GACACCATGAGGACCCTCTC 3' R: 5' GGCTCCAGGGGATCTGGG 3'	P.Shi et al. [16]
GAPDH	F: 5' ATGGGGAAGGTGAAGGTCG 3' R: 5' TAAAAGCAGCCCTGGTGACC 3'	P.Shi et al. [16]

Table S1. Primer sequences designed for real-time reverse transcriptase–polymerase chain reaction.

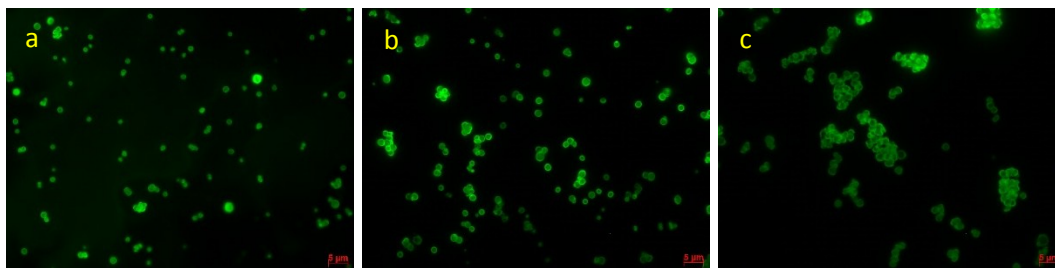


Figure S1. Fluorescent images of hollow calcium carbonate particles prepared at several calcium concentrations: 25mM (a), 50mM (b) and 100mM (c).