Supporting Information

Microporous Bio-orthogonally Annealed Particle Hydrogels for Tissue Engineering and Regenerative Medicine

Alisa Isaac^{1‡}, Faraz Jivan^{1‡}, Shangjing Xin¹, Jacob Hardin¹, Xianghong Luan², Mirali Pandya², Thomas G. H. Diekwisch², Daniel L. Alge^{1,3,*}

¹Department of Biomedical Engineering, Texas A&M University, College Station, TX, USA 77843

²Department of Periodontics, Texas A&M University, Dallas, TX, USA 75246

³Department of Materials Science and Engineering, Texas A&M University, College Station, TX, USA 77843

[‡]A.I. and F.J. contributed equally to this work.

* To whom correspondence should be addressed.

* Corresponding author: Tel.: 979-458-9248, Fax: 979-845-4450;

E-mail address: dalge@tamu.edu

Supplemental Information consists of two figures over two pages.

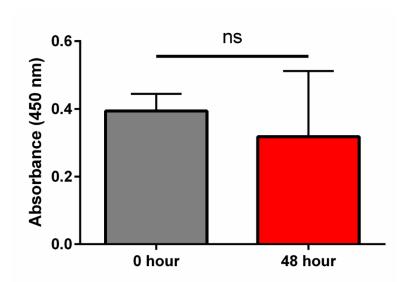


Figure S1: Relative PDGF-BB retention within TzMAP hydrogels measured directly via modified ELISA at 0 hour and 48 hours, and normalized to blank TzMAP hydrogel.

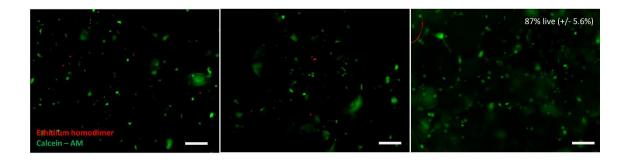


Figure S2. Representative images of live/dead staining of PDLSCs 24 hours after encapsulation. Scale bars = $200 \, \mu m$.