Additional data for Reviewers

A nanocomposite approach to develop biodegradable thermogels exhibiting excellent cell-compatibility for injectable cell delivery

*Naho Oyama, Hiromasa Minami, Daichi Kawano, Makoto Miyazaki, Tomoki Maeda, Kazunori Toma, Atsushi Hotta, and Koji Nagahama**

Figure R1. Photographs of thermo-gelation for P_{3k}3L0.9 solution in PBS (pH 7.4, 140 mM) at 37 ºC.

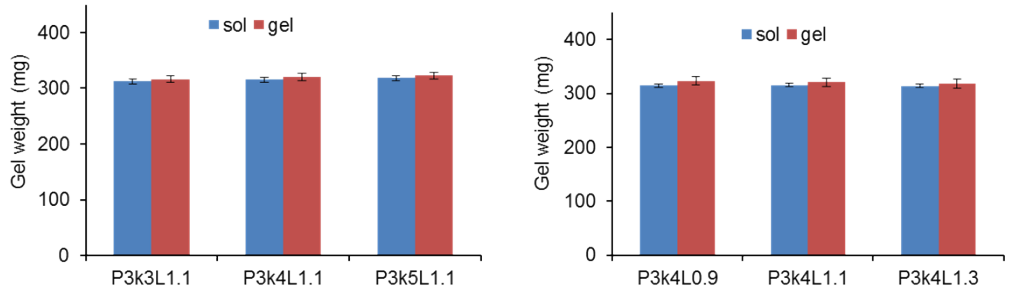

Figure R2. Weight of P_{3k}/LP solutions and the thermogels as prepared in PBS (pH 7.4, 140 mM) at 37 ºC.

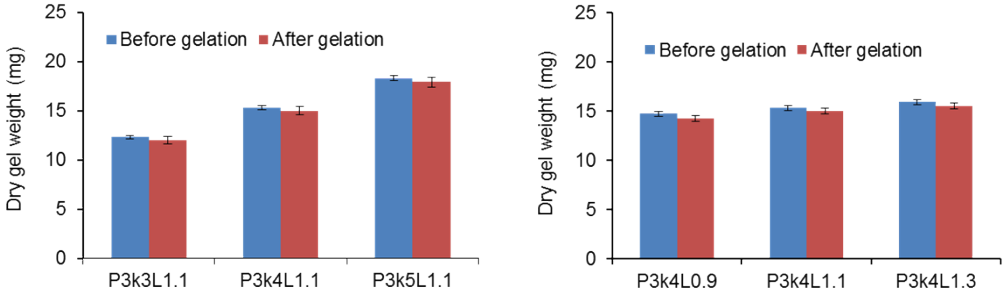

Figure R3. Weight of lyophilized P_{3k}/LP thermogels prepared in PBS (pH 7.4, 140 mM) at 37 ºC and the corresponding weight of P_{3k} and LP.

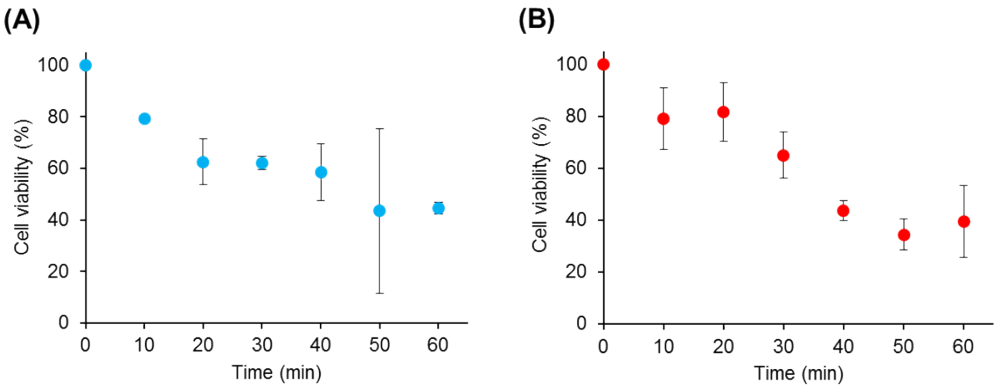

Figure R4. (A) Time curse of cell viability of L929 cells immersion in 20 wt% $P_{1.5k}$ solution in PBS (pH 7.4, 140 mM) at 37 ºC. (B) Time curse of cell viability of L929 cells encapsulated in 20 wt% $P_{1.5k}$ gel prepared using PBS (pH 7.4, 140 mM) at 37 ºC. 20 wt% $P_{1.5k}$ solution in PBS (pH 7.4, 140 mM) formed thermogels within 5 minutes at 37 ºC.