

Supplementary file

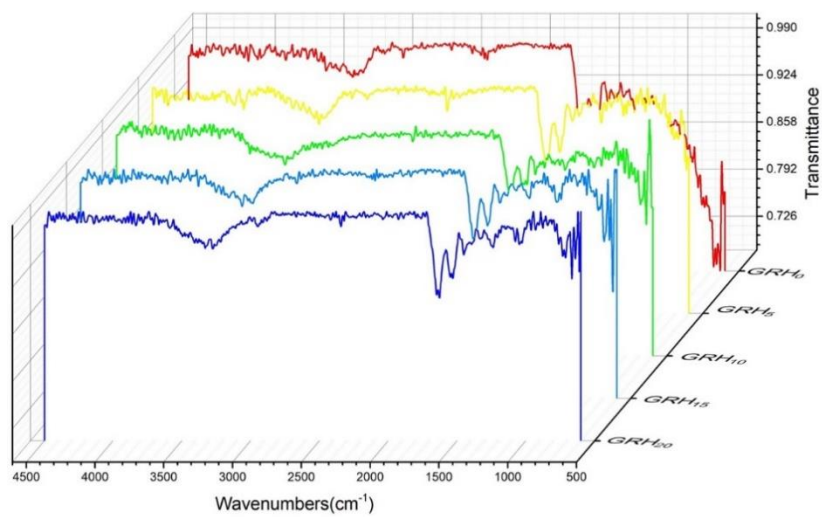


Figure S1. Fourier-transform infrared (FTIR) spectroscopy of GRHs.

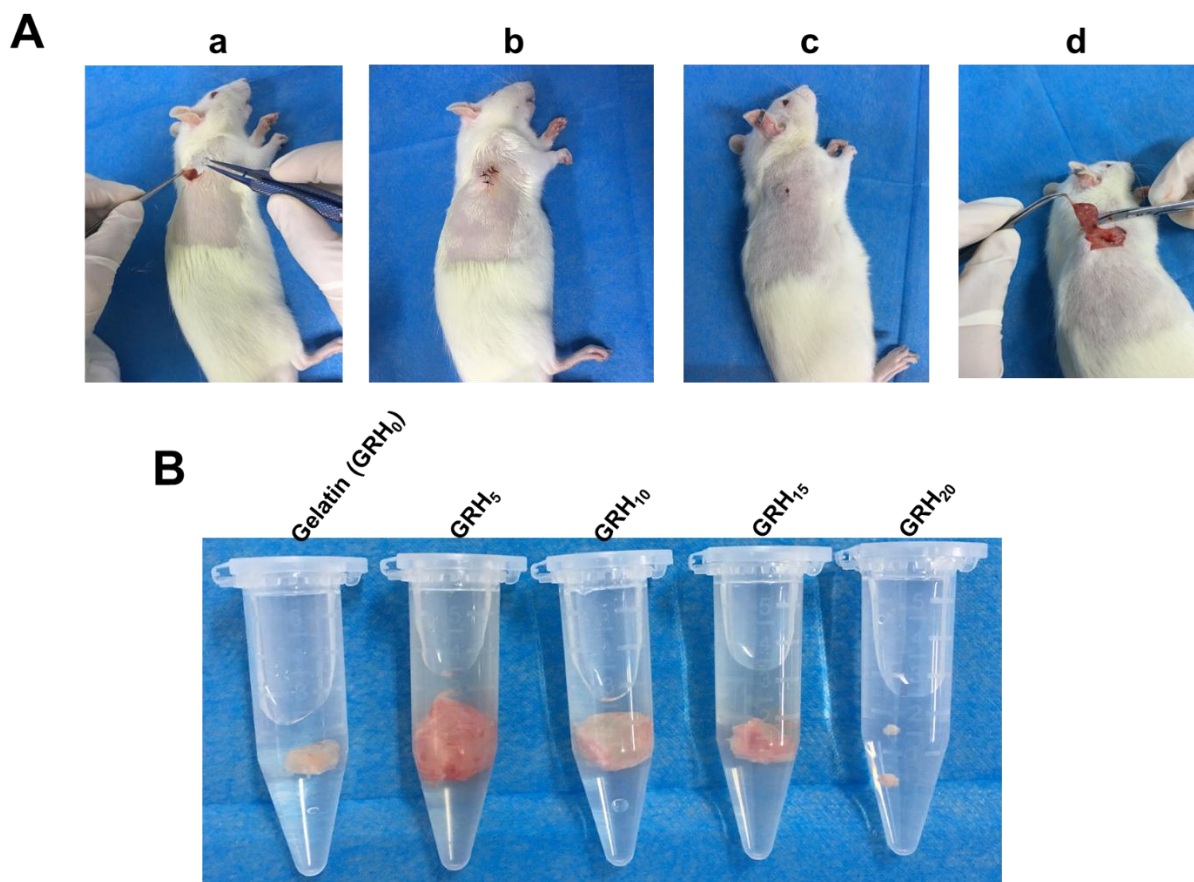


Figure S2. Degradation of GRH scaffolds as subcutaneous explants in rats. (A) Surgical procedures: (a) insertion of the hydrogel scaffolds underneath the skin; (b) a representative picture of rats after the subcutaneous explanting procedure; (c) a representative picture of rats 4 weeks after the subcutaneous explanting procedure; and (d) removal of the explants after 4 weeks. (B) Comparison of the GRH scaffolds after 4 weeks of subcutaneous explanting.

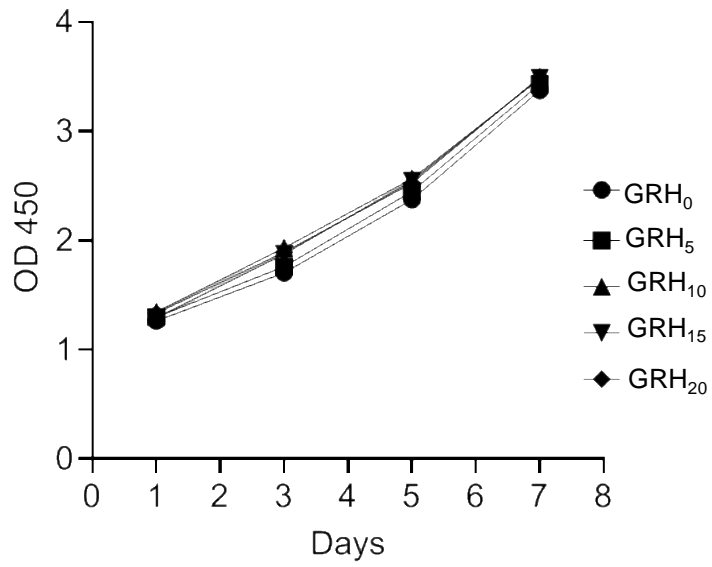


Figure S3. The proliferation of NIH 3T3 cells on GRHs by CCK8 analysis. All the data were presented as the mean \pm standard deviation (SD). One-way analysis of variance (ANOVA) and Kruskal-Wallis tests were applied to compare the differences between groups using SPSS 19.0 software. *P* values < 0.05 were considered statistically significant.