Study on Bioresponsive Gelatin-Hyaluronic Acid-Genipin Hydrogel for High Cell-Density 3D Bioprinting

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Scheduled to be submitted to *gels*.

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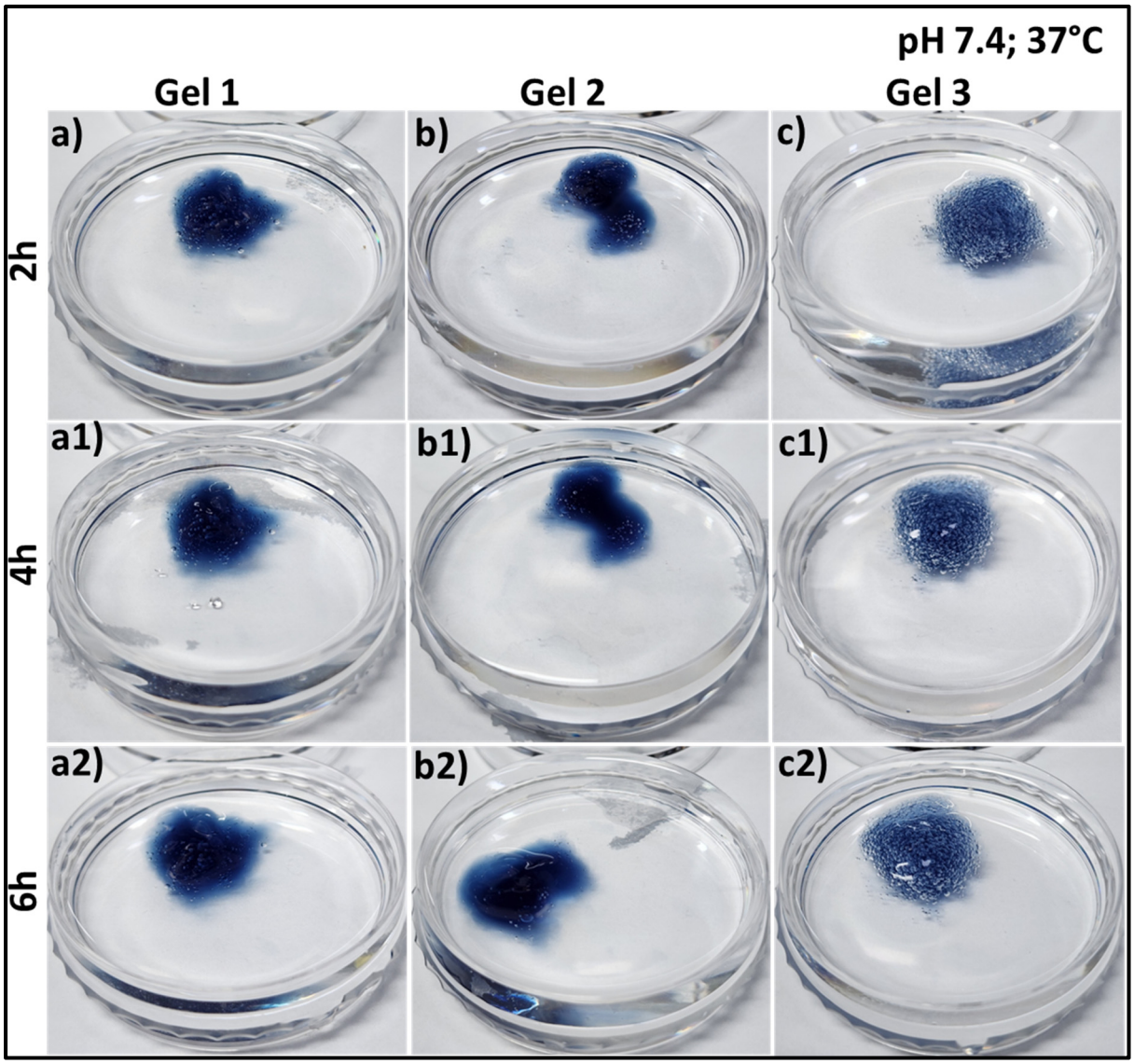
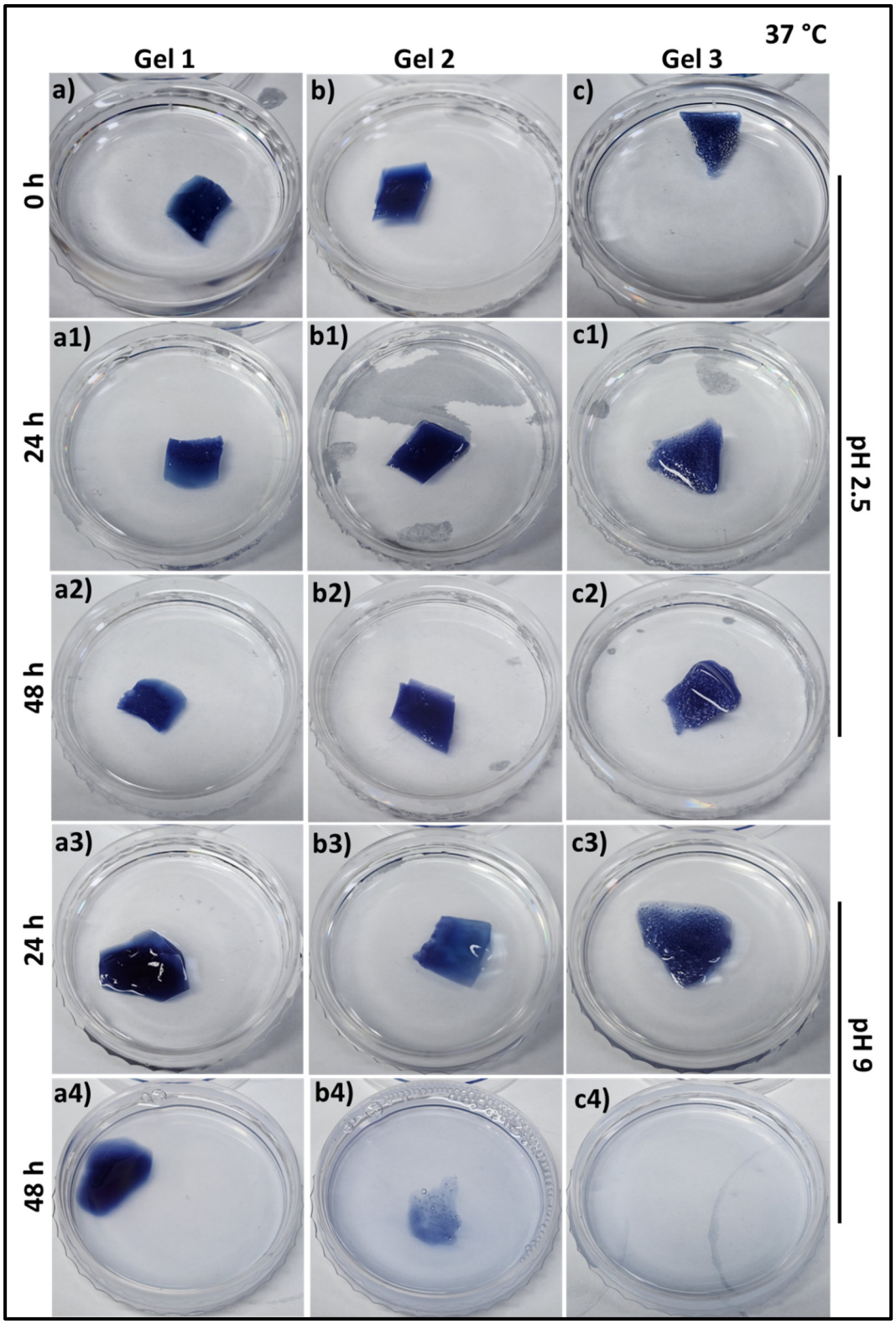
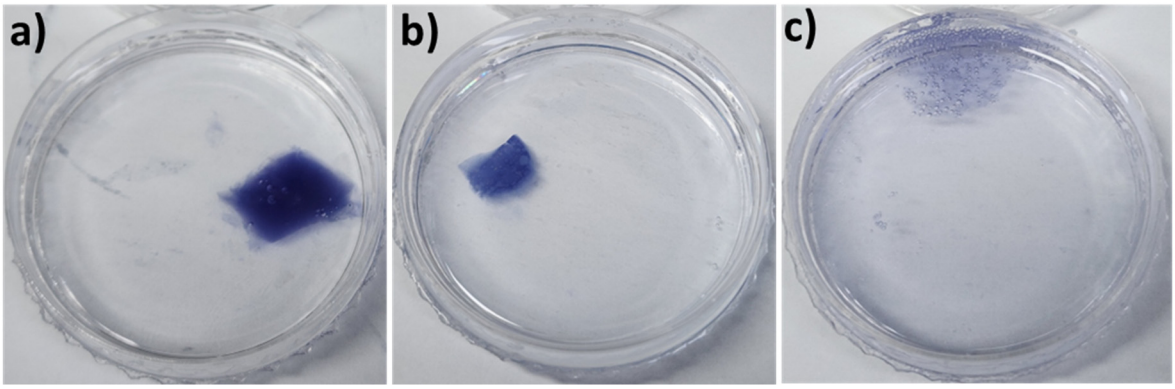


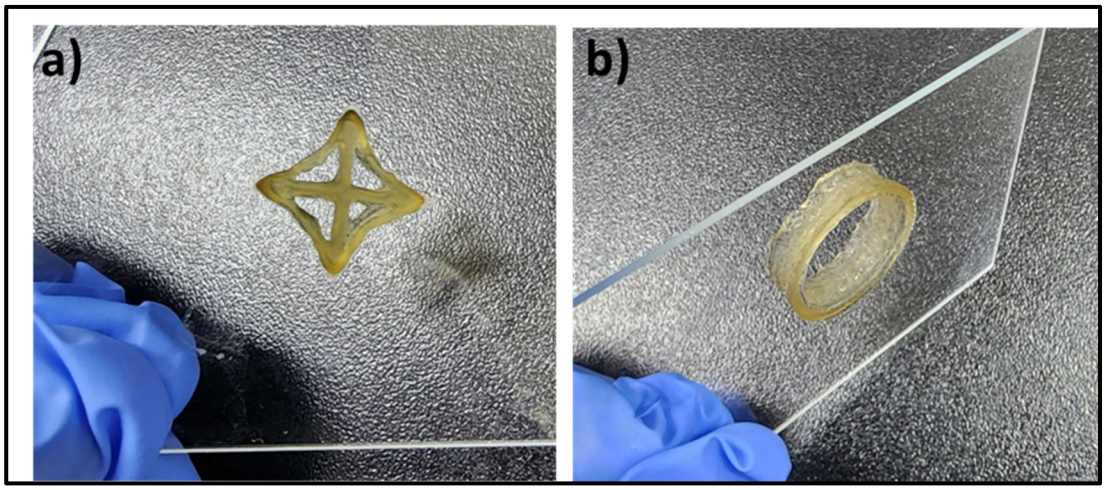
Supporting Figure S1. Swelling of different gelatin-HA hydrogel at 37°C in pH 7.4 phosphate buffer solution (PBS).



Supporting Figure S2. Degradation study of different gelatin-HA hydrogels at pH 2.5 and pH 9 PBS in 37°C for 48 hours.



Supporting Figure S3. Degradation study of different gelatin-HA hydrogels at 37°C and pH 2.5 in PBS after 5 days, where (a) Gel 1; (b) Gel 2; (c) Gel 3.



Supporting Figure S4. Adhesiveness test of the printed gelatin-HA gel scaffolds by inverting the glass substrate, where (a) star, (b) tube.