

Supporting Information

A conformally adapted all-in-one hydrogel coating: towards robust hemocompatibility and bactericidal activity

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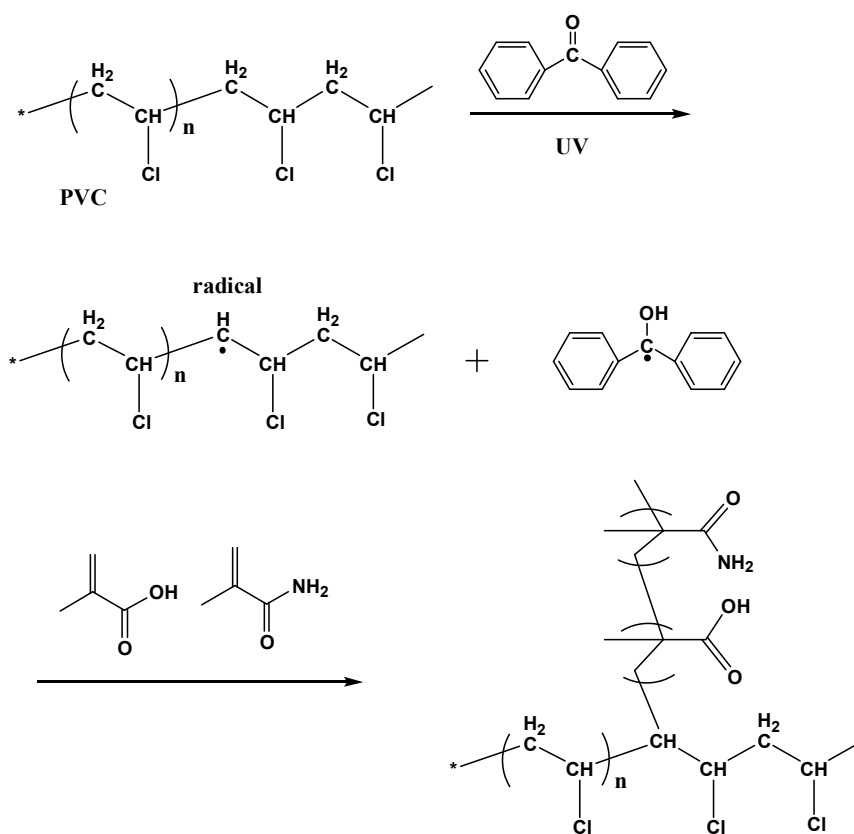


Figure S1. Schematic diagram of hydrogel coating preparation.

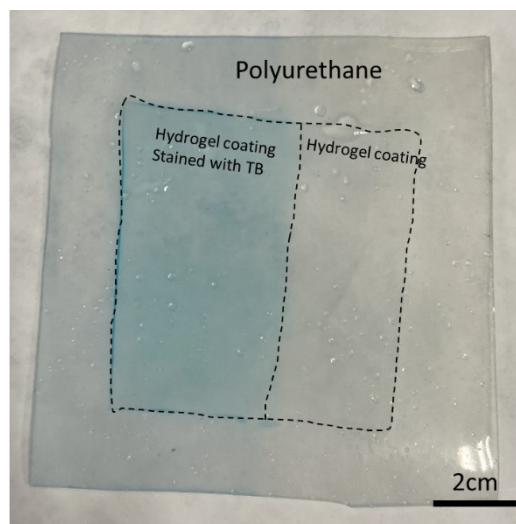
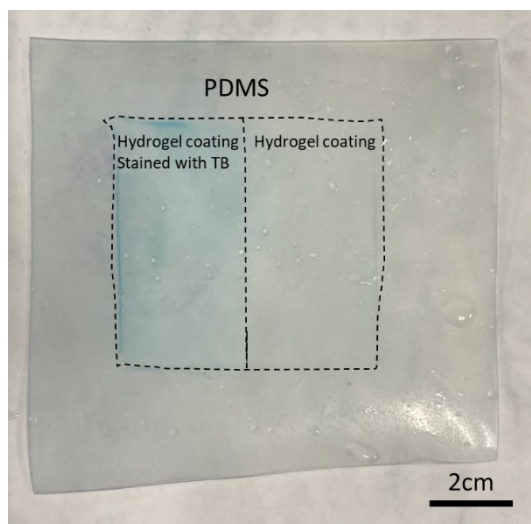
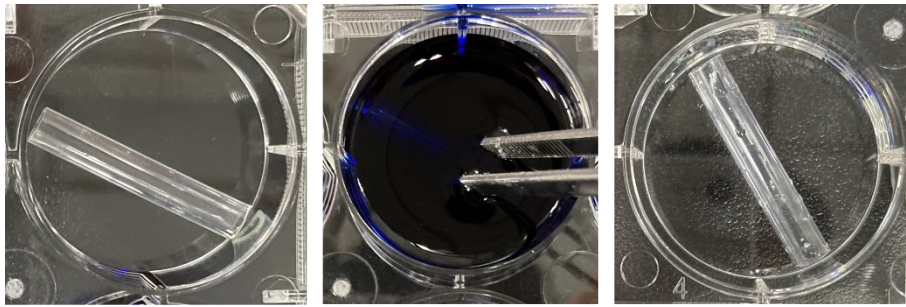


Figure S2. Hydrogel coating on different substrate, stained with toluidine blue dye.



Bare PVC tube

Staining into toluidine blue
solution for 5 minters

After washing in water

Figure S3. Uncoated bare PVC tube stained with toluidine blue dye.

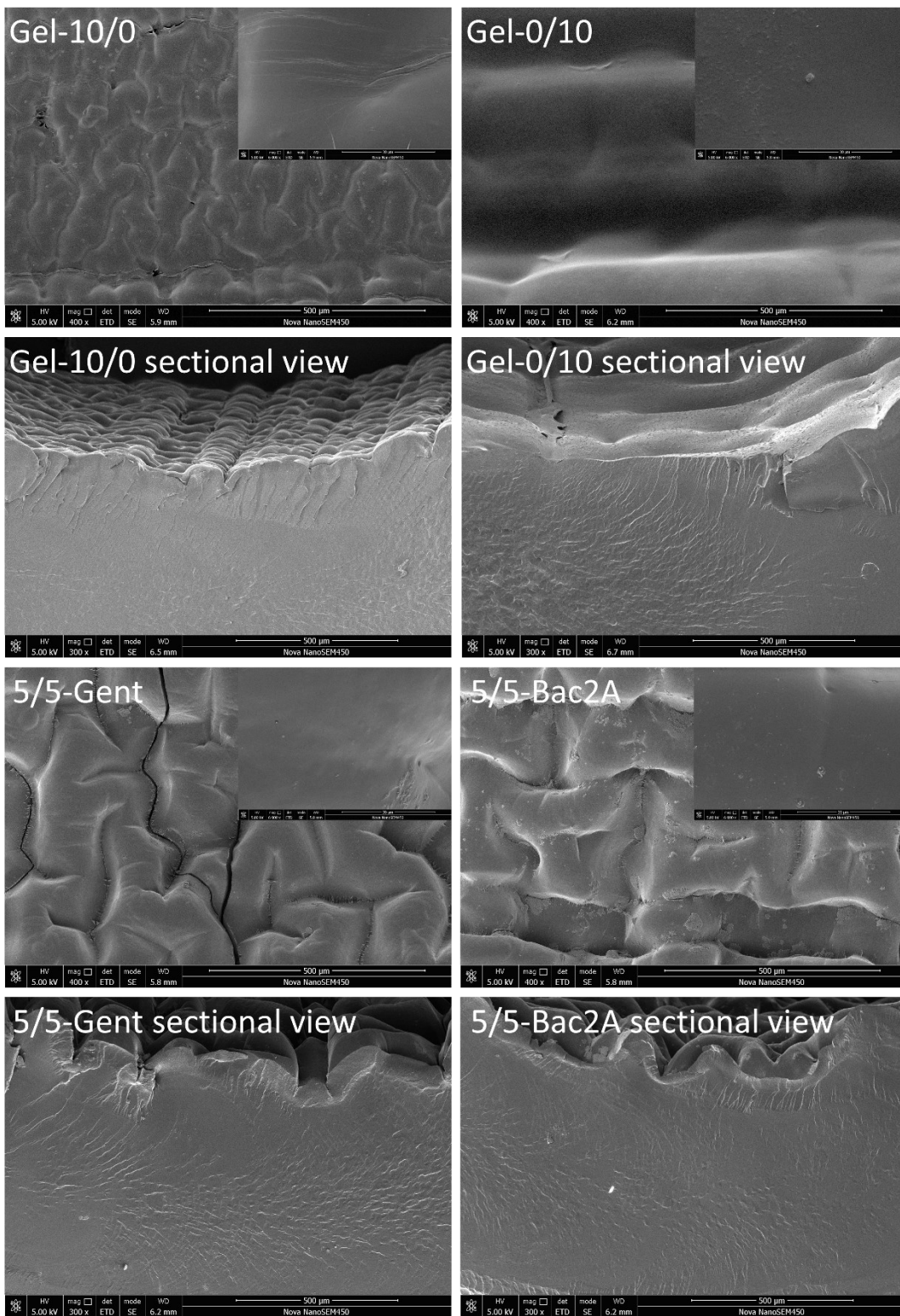


Figure S4. SEM images of the hydrogel coatings.

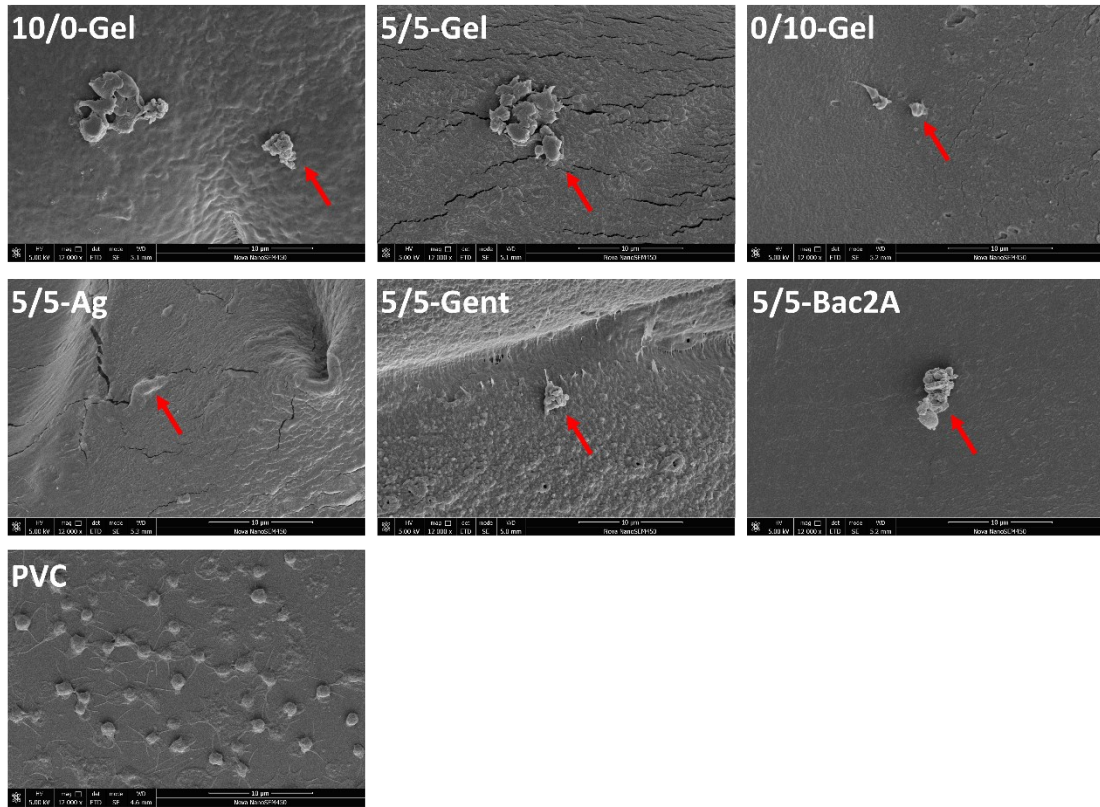


Figure S5. SEM images of adhered platelets on different sample surfaces.