Electronic Supplementary Material (ESI) for Biomaterials Science

Biologically inspired membrane design with heparin-like interface: prolonged blood coagulant, inhibited complement activation, and bioartificial liver related cell proliferation

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Supporting Information

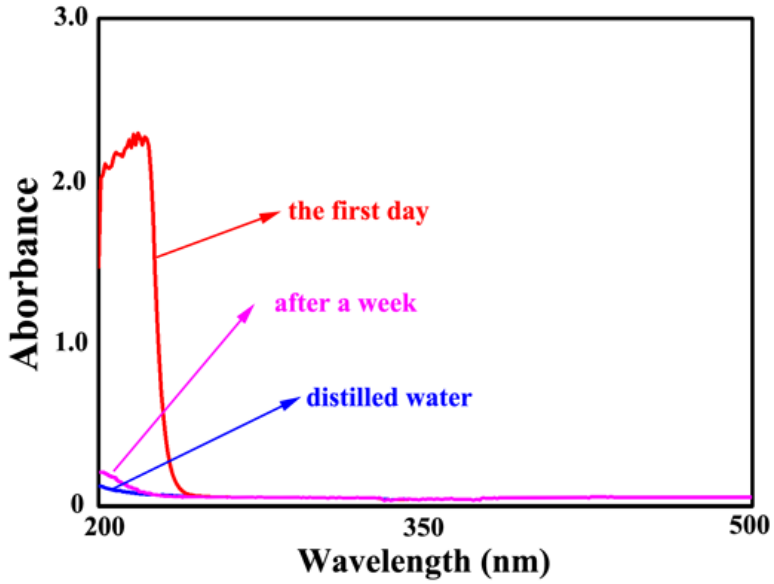

Fig. S1 The UV-Vis spectra of the water solutions used for the immersion of the membranes before and after a week.

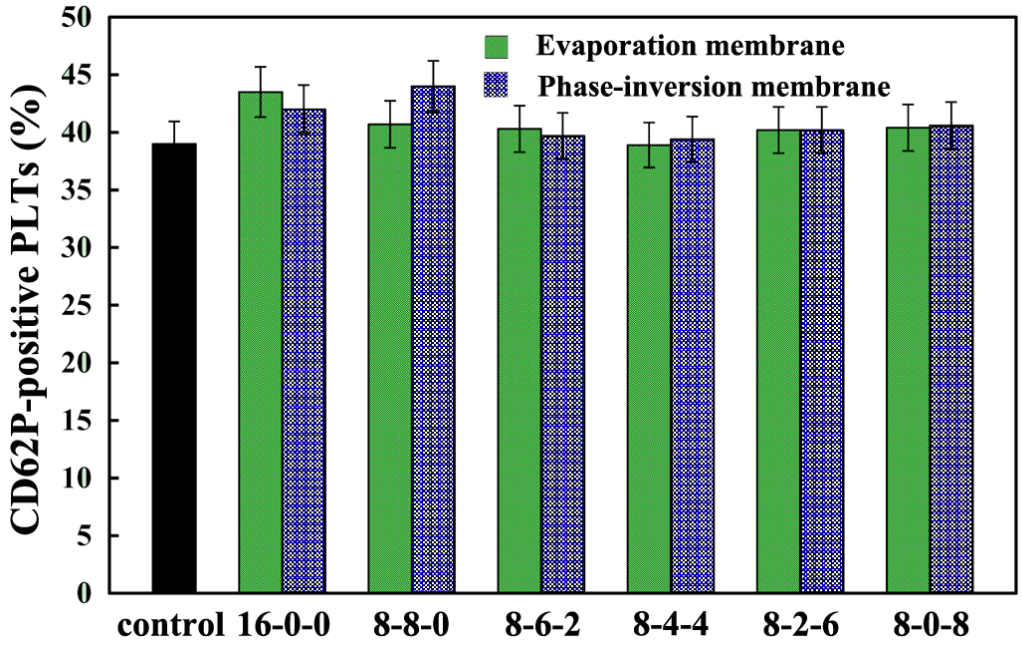

Fig. S2 CD62p-positive platelets (PLTs) expression for the membranes in whole blood incubated for 2 h. The results are expressed as means ± SD (n = 3).

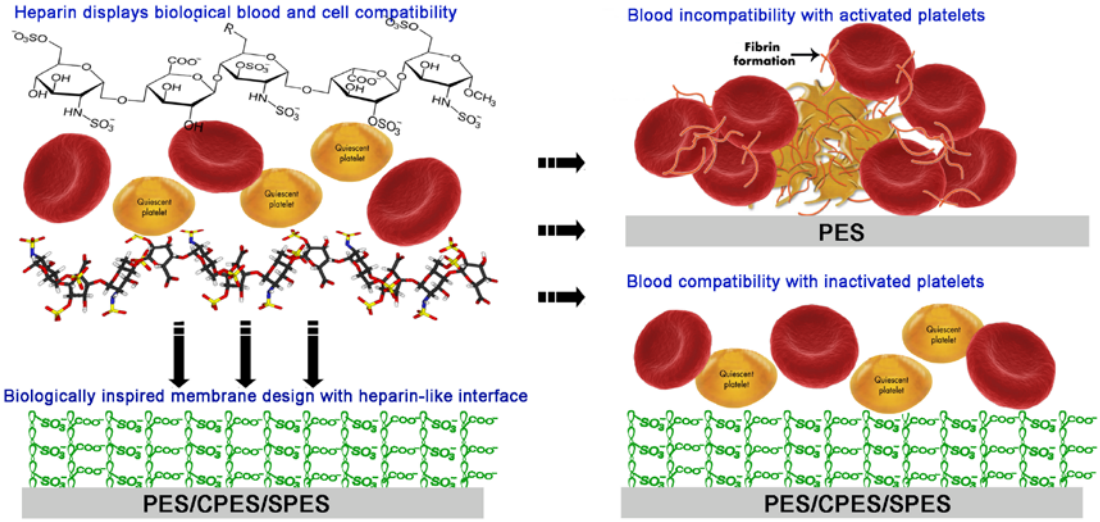

Fig. S3. A cartoon representation of suggested heparin inspired membrane interface design (left); and the PES and PES/CPES/SPES induced activation/inactivation of red cells and quiescent platelets when blood was exposed to the membrane surface.