Supplementary Information (SI) for Nanoscale.
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Topical application of insulin encapsulated by chitosan-modified PLGA nanoparticles to alleviate alkali burn-induced corneal neovascularization

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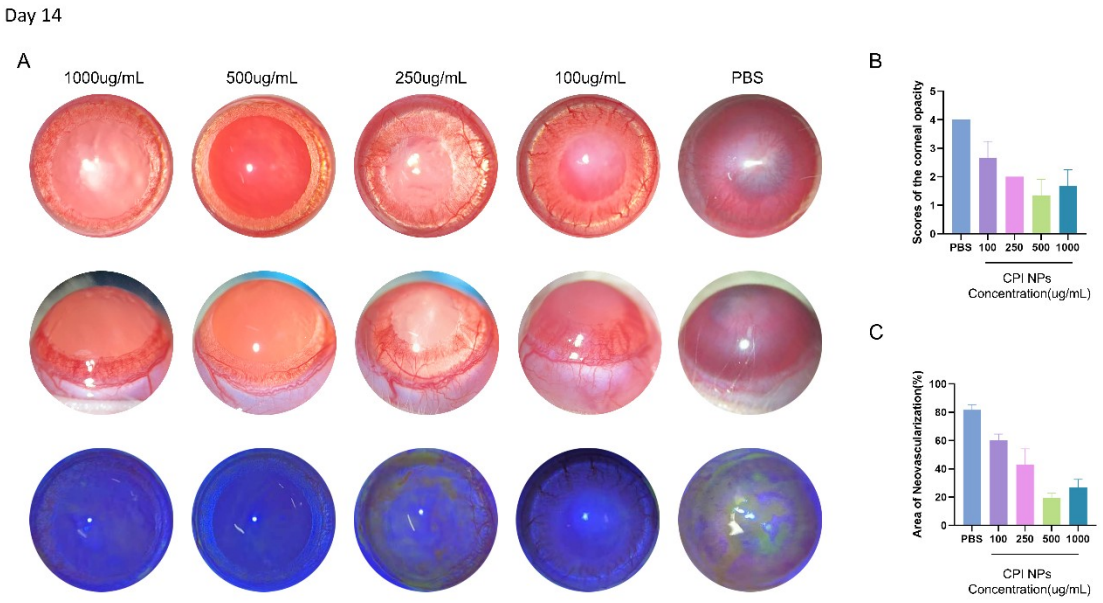
List of Supplementary Figures

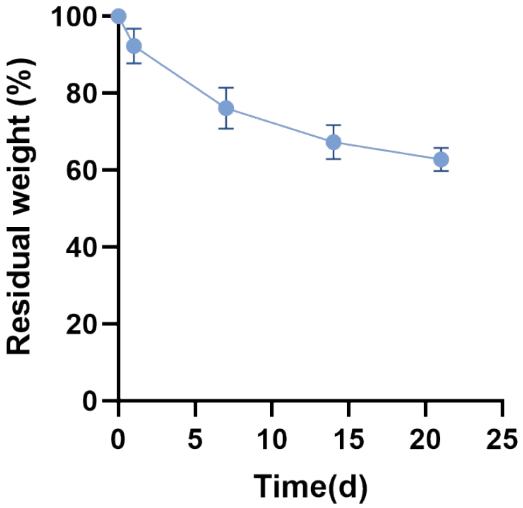
Supplementary information Figure 1

Evaluation of CRNV induced by alkali burn treated with different concentrations of CPI NPs. (A) 14 days after alkali burn modeling, different concentrations of CPI NPs were dropped (three times a day), and the corneal opacity and corneal neovascularity were evaluated by slit-lamp examination and fluorescein sodium staining. (B) Corneal opacity score after 14 days of treatment with different concentrations of CPI NPs. (C) CRNV area ratio after 14 days of treatment with different concentrations of CPI NPs



Supplementary information Figure 2

Degradation of CPI NPs in PBS (pH 7.4).



Supplementary information Figure 3

Studies on circulation of CPI NPs in rats