

Drug-loading colloidal gels assembled from polymeric nanoparticles as an anti-inflammatory platform

Jinkun Yin^{a†}, Yaoqing Chu^{a†}, Si-Jian Pan^{b*}, Lianjiang Tan^{a*}

^a School of Materials Science and Engineering, Shanghai Institute of Technology, Shanghai 201418, China.

^b Department of Neurosurgery, Ruijin Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai 200025, China.

*Corresponding author. Email: psj11629@rjh.com.cn; tanlijiang@126.com.

†The authors contributed equally to this work.

Supporting information

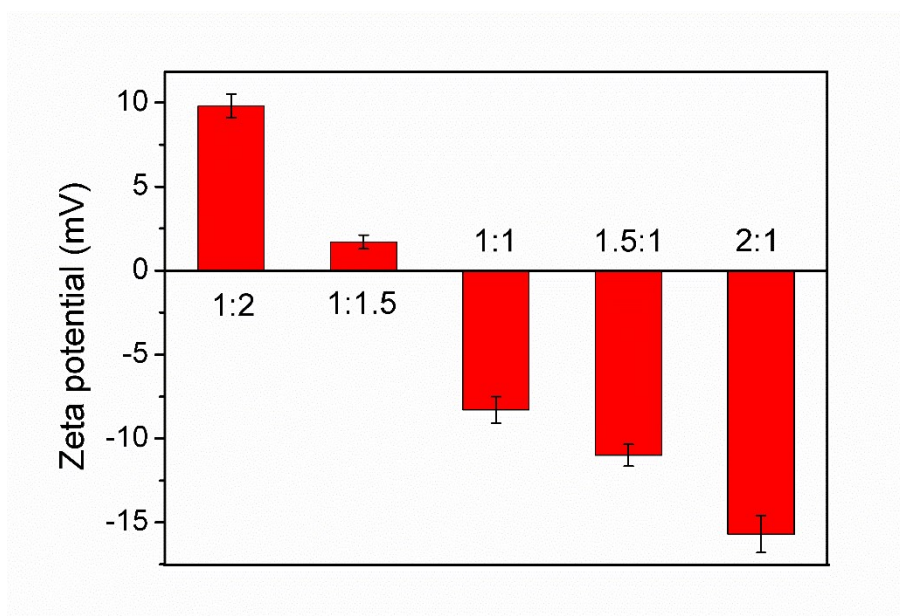


Fig. S1. Zeta potential of C-gels at different ratios of CS to PEG-PLA.

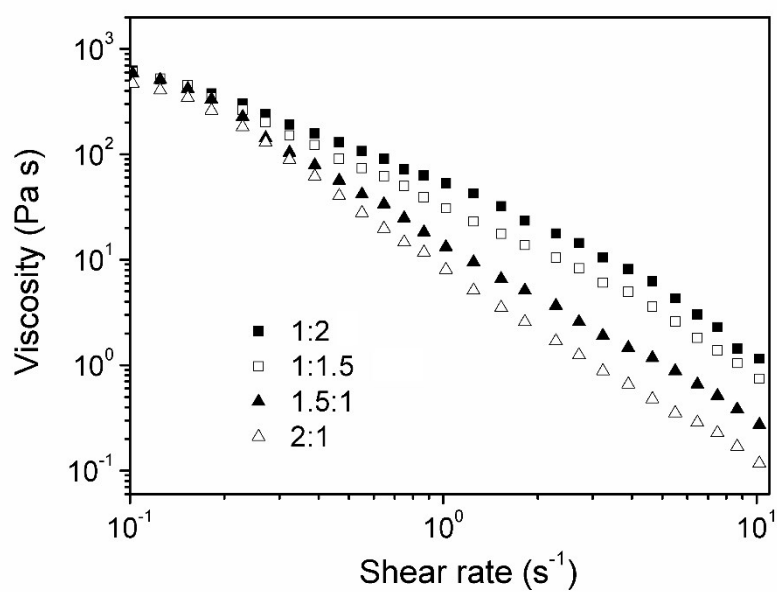


Fig. S2. Apparent viscosity versus shear rate of C-gels with different ratios of PEG-PLA to CS.

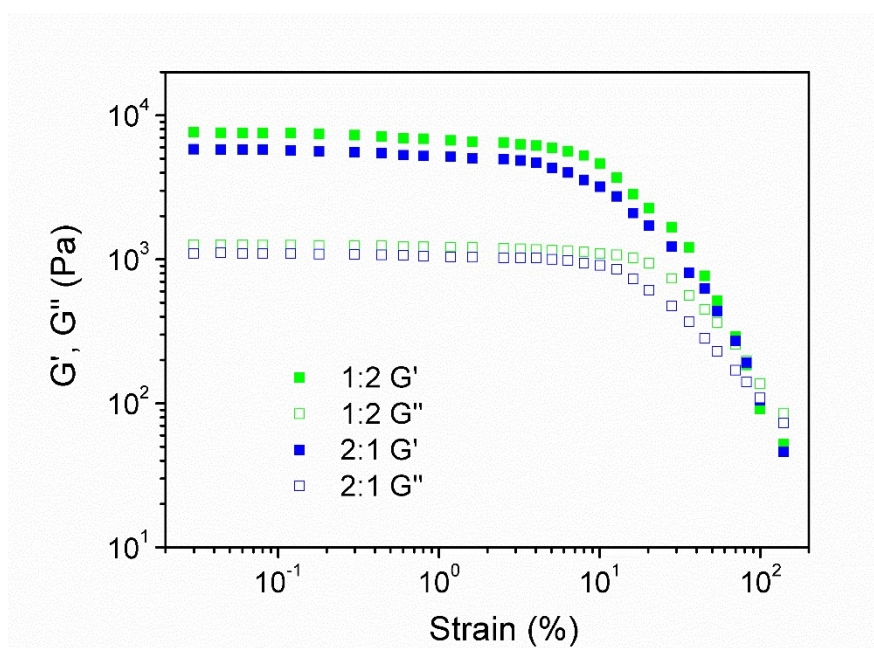


Fig. S3. Dynamic moduli versus applied strain of C-gels with different ratios of PEG-PLA to CS.

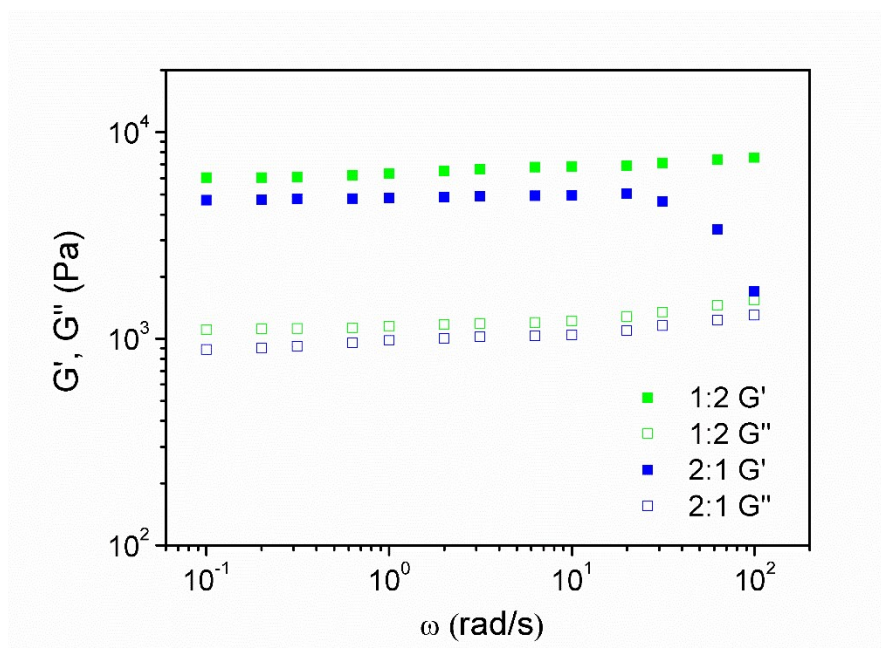


Fig. S4. Dynamic moduli versus angular frequency of C-gels with different ratios of PEG-PLA to CS.