

Construction and in vivo/in vitro Evaluation of a Nanoporous Ion-Responsive Targeted Drug Delivery System for Recombinant Human Interferon α -2b Delivery [Corrigendum]

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image for the control and 5 μ g/mL samples. The correct Figure 5 is as follows.

The authors have advised Figure 5G on page 5347 is incorrect. The authors inadvertently included a duplicate

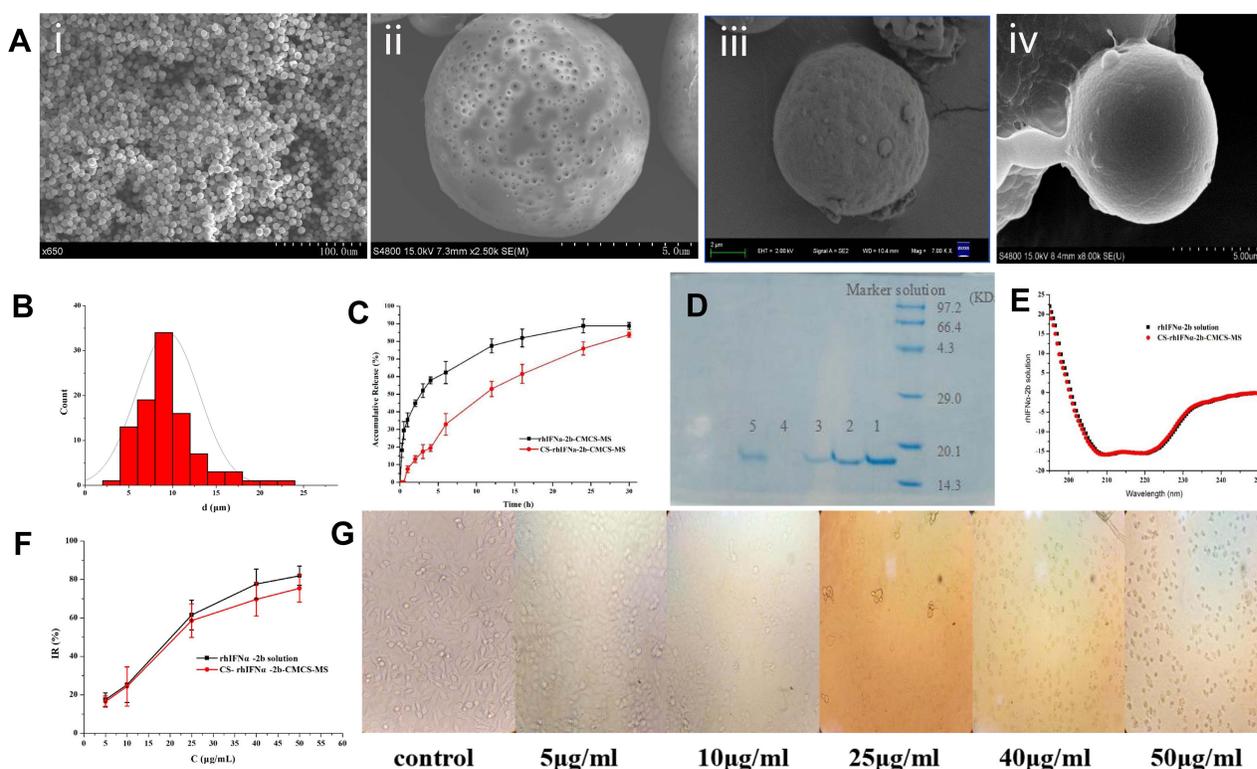


Figure 5 Characterization studies. (A) SEM images (i: CCPM; ii: surface of CCPM; iii: rhIFN α -2b-CCPM; iv: CS-rhIFN α -2b-CCPM); (B) Particle size distribution of CSrhIFN α -2b-CCPM; (C) Accumulative release from the optimal formulation; (D) Electrophoretogram of different rhIFN α -2b samples dyed by Coomassie brilliant blue (a: rhIFN α -2b solution; b: rhIFN α -2b extracted from nanoporous microspheres; c: rhIFN α -2b release solution for 12 hrs; d: rhIFN α -2b extracted from nanoporous microspheres after in vitro release for 24 hrs; e: rhIFN α -2b in effluent and washing liquid); (E) Circular dichroism spectra of rhIFN α -2b; (F) Inhibition rate of cell proliferation (n=3); and (G) Micrograph of the inhibition effect of the nanoporous microsphere releasing solution with different concentrations on A549 cells.

Abbreviations: CCPM, nanoporous microspheres; rhIFN α -2b-CCPM, rhIFN α -2b carboxymethyl chitosan nanoporous microspheres; CS-rhIFN α -2b-CCPM, chitosan rhIFN α -2b carboxymethyl chitosan nanoporous microspheres; IR, inhibition rate.

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