

## Supporting information

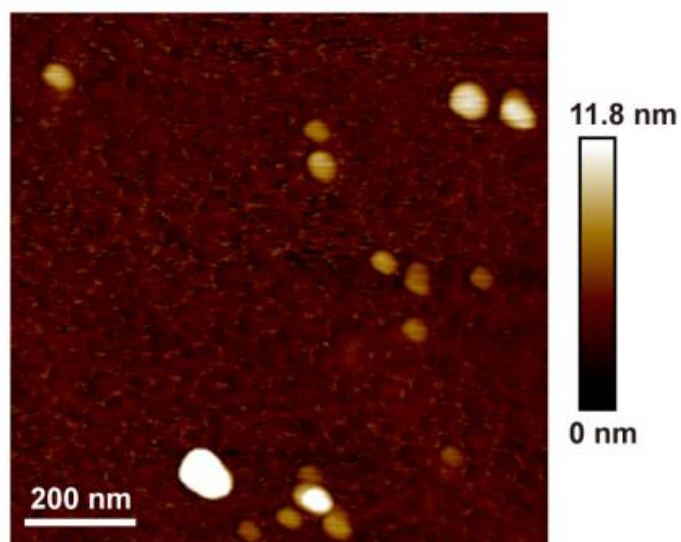
### **Gadofullerene nanoparticles for robust treatment of aplastic anemia induced by chemotherapy**

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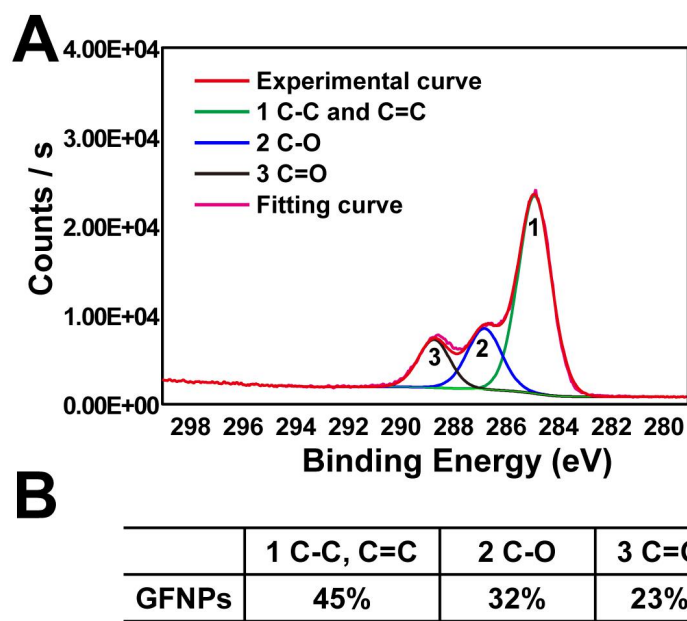
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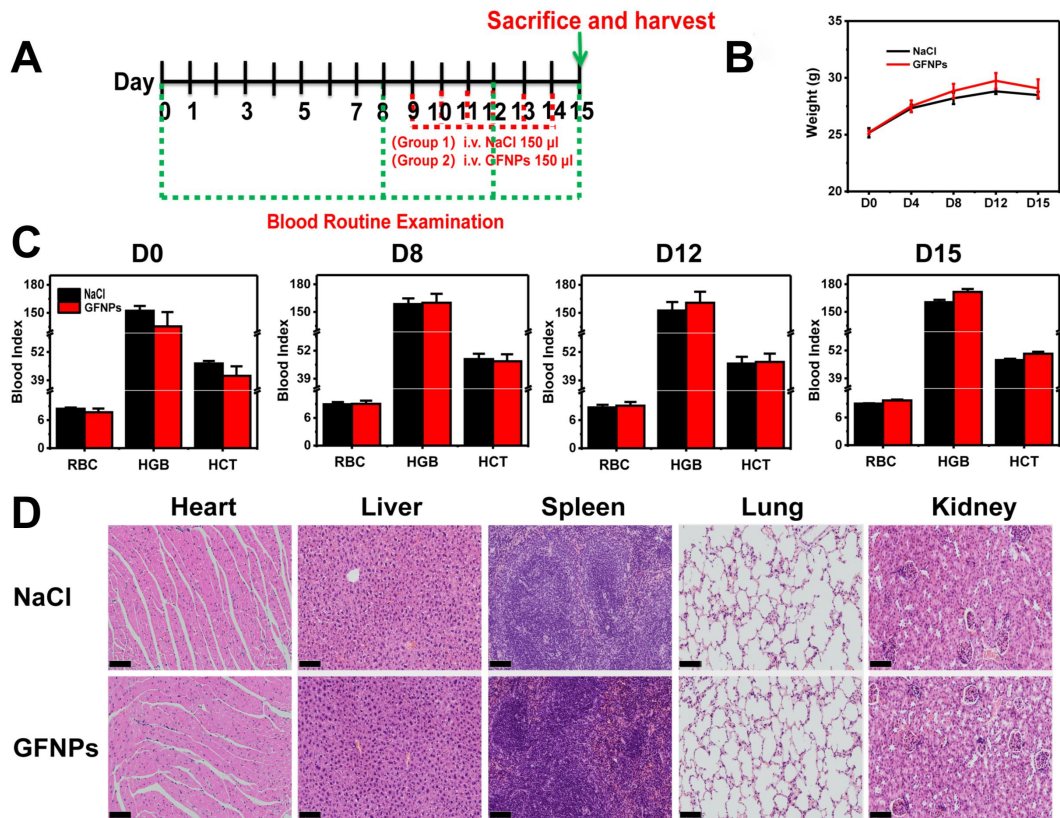
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**Figure S1.** The AFM of GFNPs.



**Figure S2.** The XPS data of GFNPs. **(A)** The XPS spectrum of GFNPs. **(B)** The relative atomic percent contents of C1s (1 C-C, C=C; 2 C-O; 3 C=O) of GFNPs.



**Figure S3.** The safety evaluations of GFNPs *in vivo*. (A) Schedule of animal experiment treated with GFNPs/NaCl. (B) The changes of body weight during 15 days after i.v. injection GFNPs/NaCl. (C) The changes of hematological indices of mice in different times. (D) The light Microscopy of H&E sections of heart, liver, spleen, lung, and kidney. Scale bars are 100  $\mu$ m.

**Table S1.** The blood analysis of hepatic and nephrotic toxicity of GFNPs. (n=5; \* p < 0.05, \*\* p < 0.01, vs Control group)

Parameters	Groups		
	Control	AA	AA+GFNPs
ALT (U/L)	40.00 $\pm$ 9.90	33.33 $\pm$ 2.08	36.50 $\pm$ 6.36
AST (U/L)	182.00 $\pm$ 19.80	133.50 $\pm$ 2.12*	199.00 $\pm$ 9.92
ALP (U/L)	83.70 $\pm$ 1.13	104.70 $\pm$ 8.06*	92.75 $\pm$ 8.27
UA ( $\mu$ mol/L)	183.61 $\pm$ 3.50	78.02 $\pm$ 3.70**	122.39 $\pm$ 29.31
BUN (mmol/L)	9.92 $\pm$ 1.16	5.91 $\pm$ 0.69*	6.98 $\pm$ 0.64