

Supplementary information

Hyaluronic acid mediated synthesis multifunctional zeolitic imidazolate framework-8: improved photodynamic therapy and biological properties

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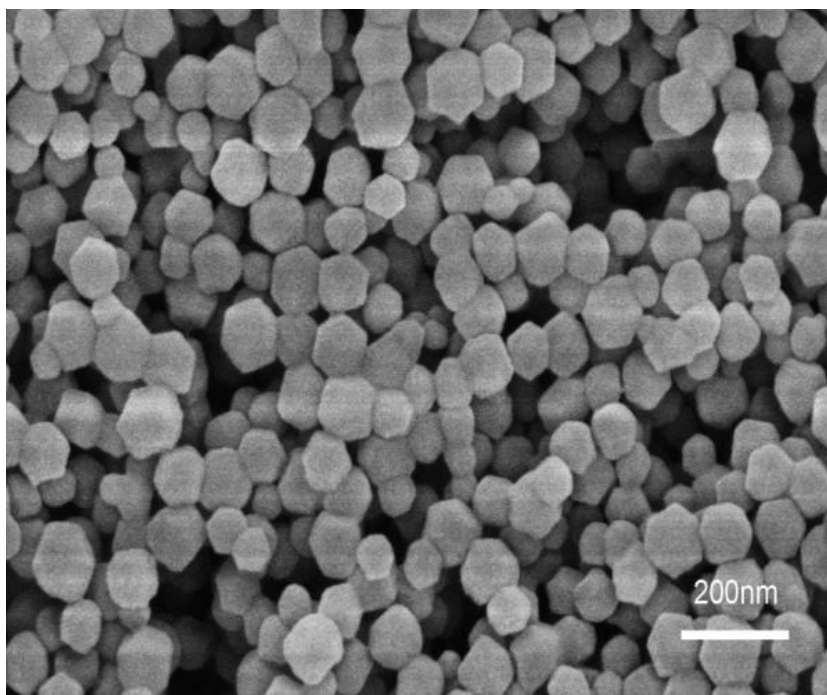


Fig. S1. The HR-SEM image of ZIF-8.

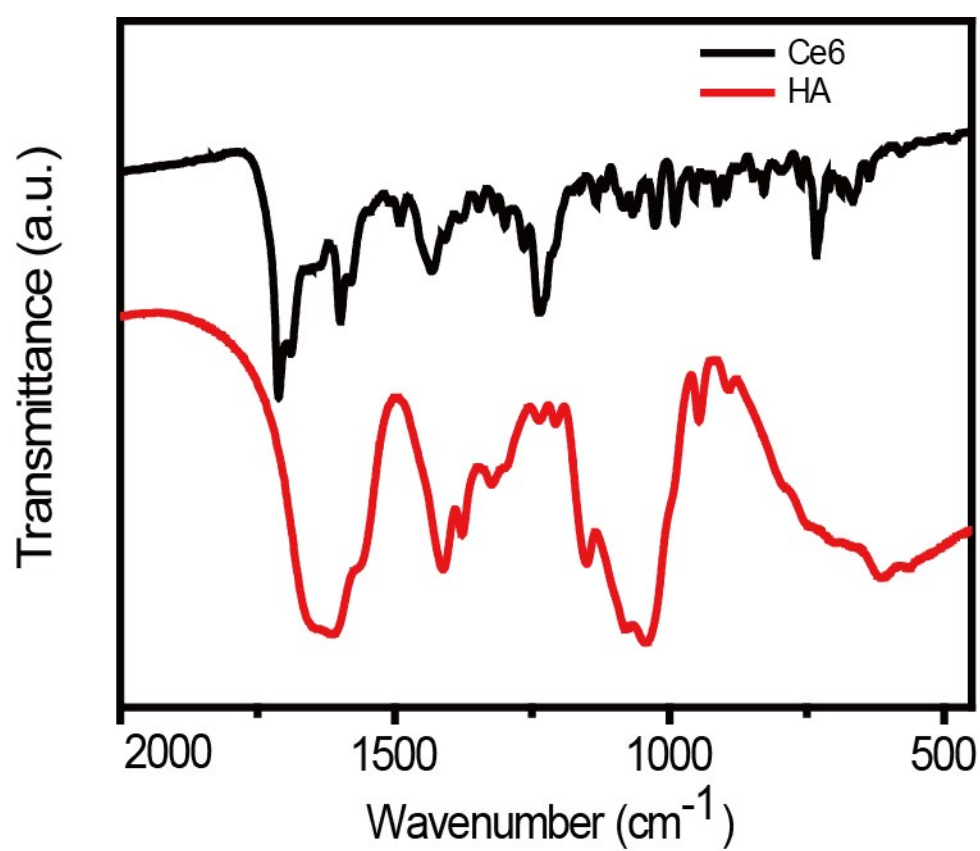


Fig. S2. FT-IR analysis of Ce6 and HA.

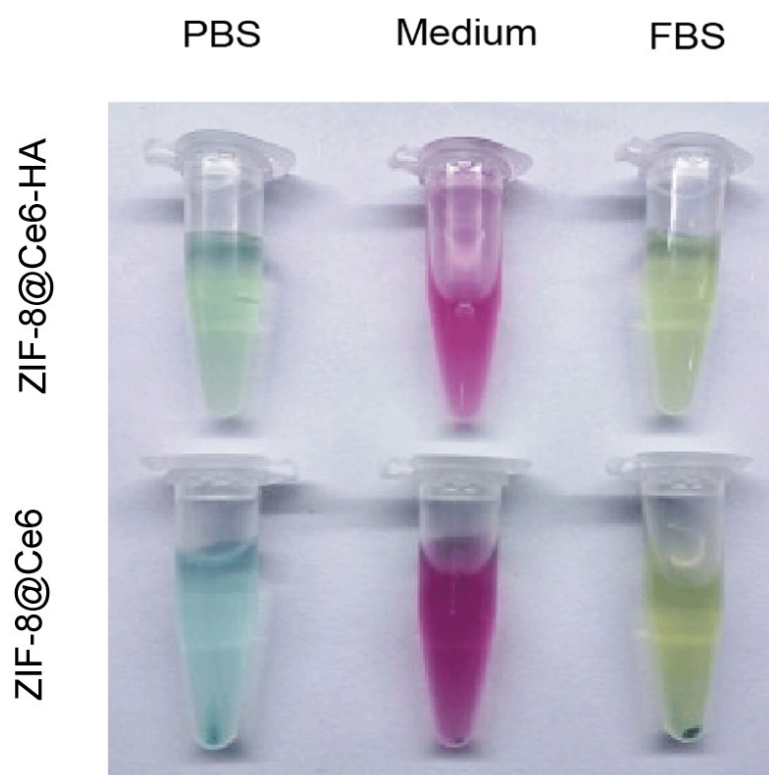


Fig. S3. Photographs of ZIF-8@Ce6 and ZIF-8@Ce6-HA in the different culture medium (PBS, 10% FBS, DMEM) after centrifugation.

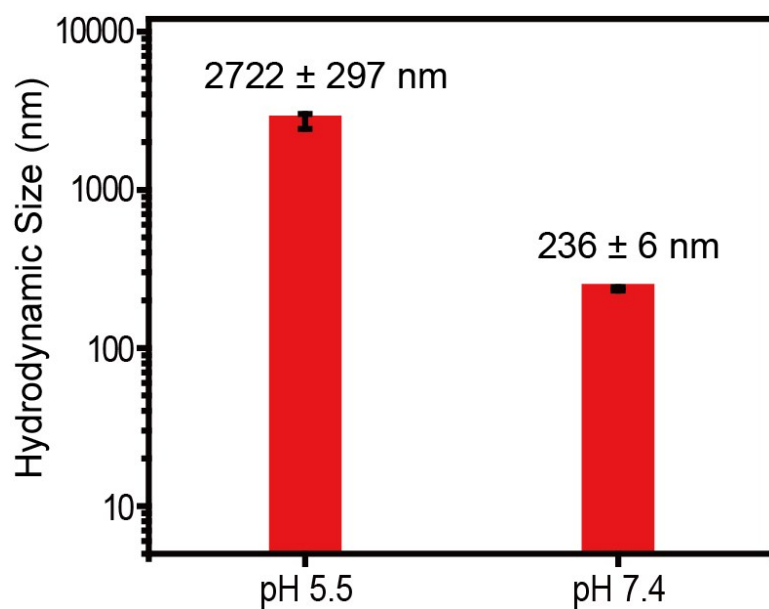


Fig. S4. Hydrodynamic size of ZIF-8@Ce6-HA in pH 7.4 and 5.7 after 24h.

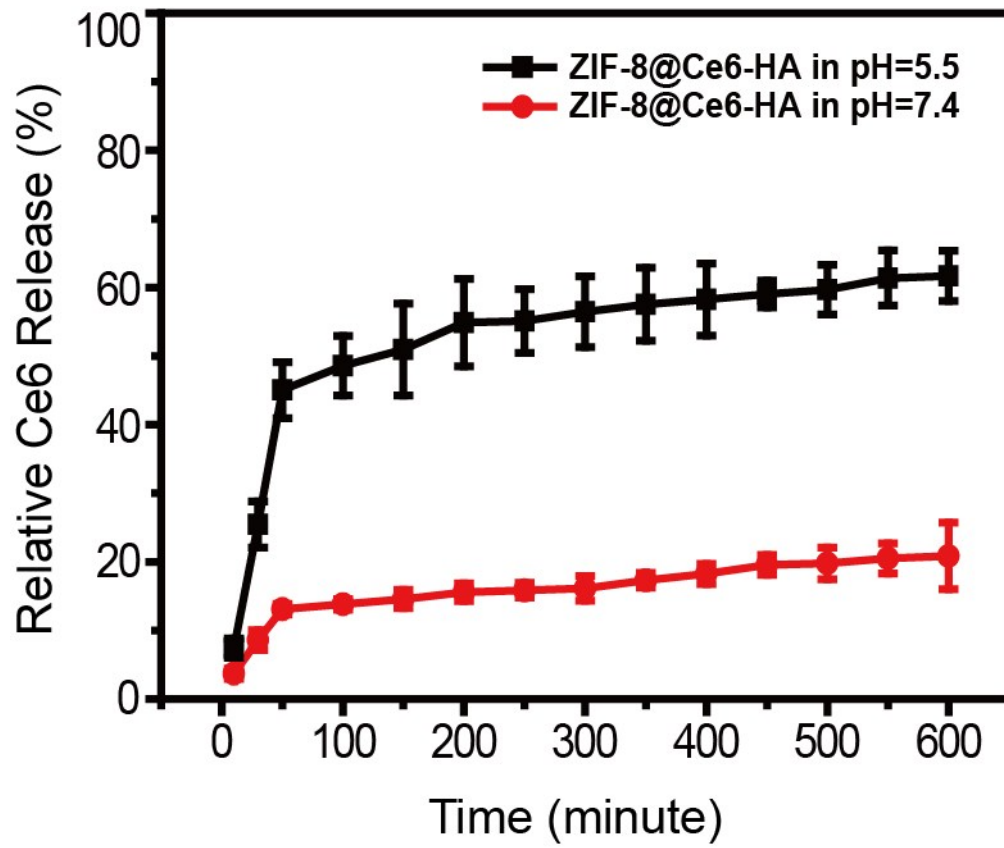


Fig. S5. Release of Ce6 from ZIF-8@Ce6-HA in pH 7.4 and 5.5.

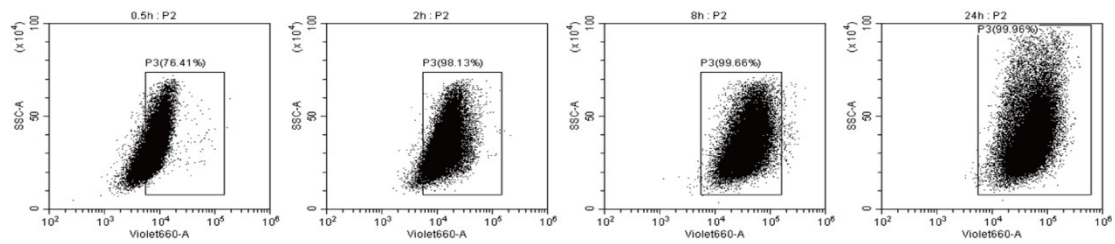


Fig. S6. Flow cytometric results of ZIF-8@Ce6-HA at different incubation times.

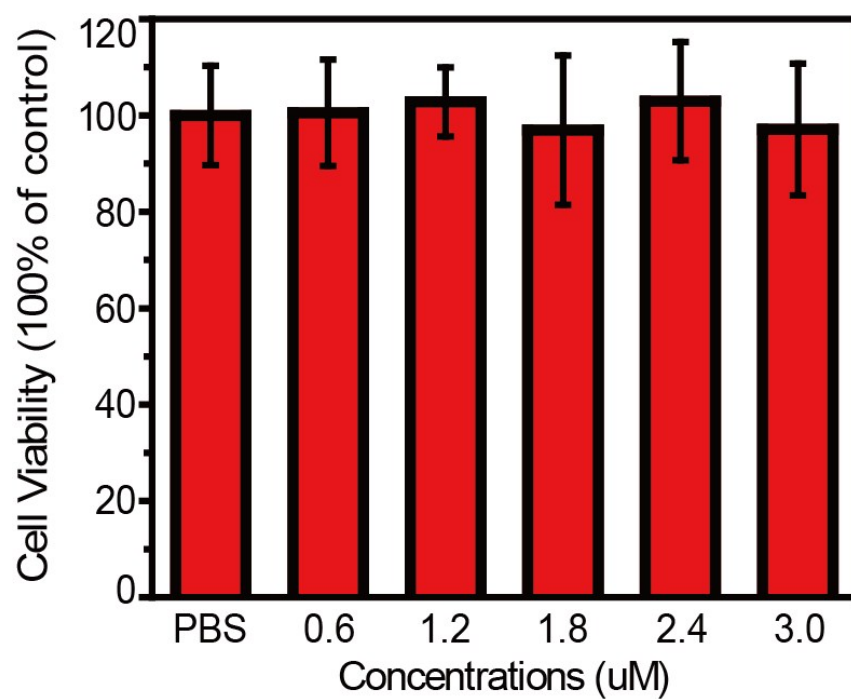


Fig. S7. Cells treated with Ce6 at different concentrations in the dark.

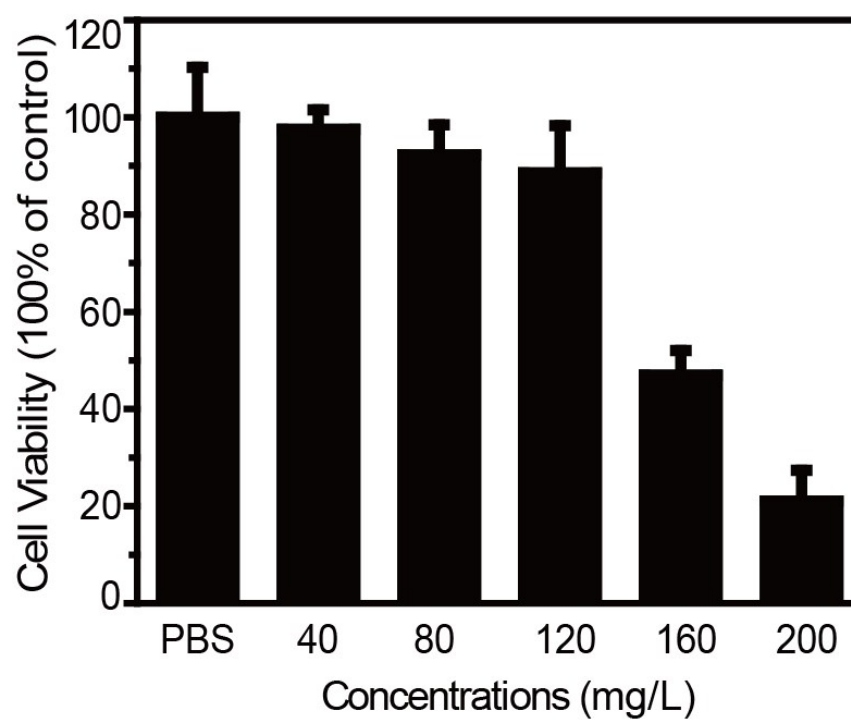


Fig. S8. Cells treated with ZIF-8 at different concentrations in the dark.

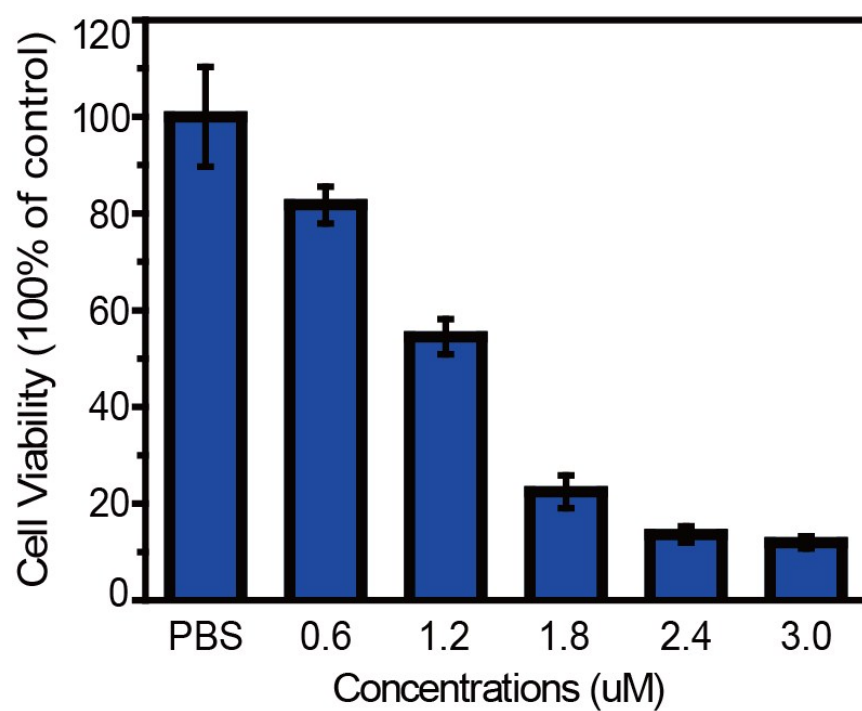


Fig. S9. Cells treated with ZIF-8@Ce6 at different concentrations of Ce6 with irradiation.

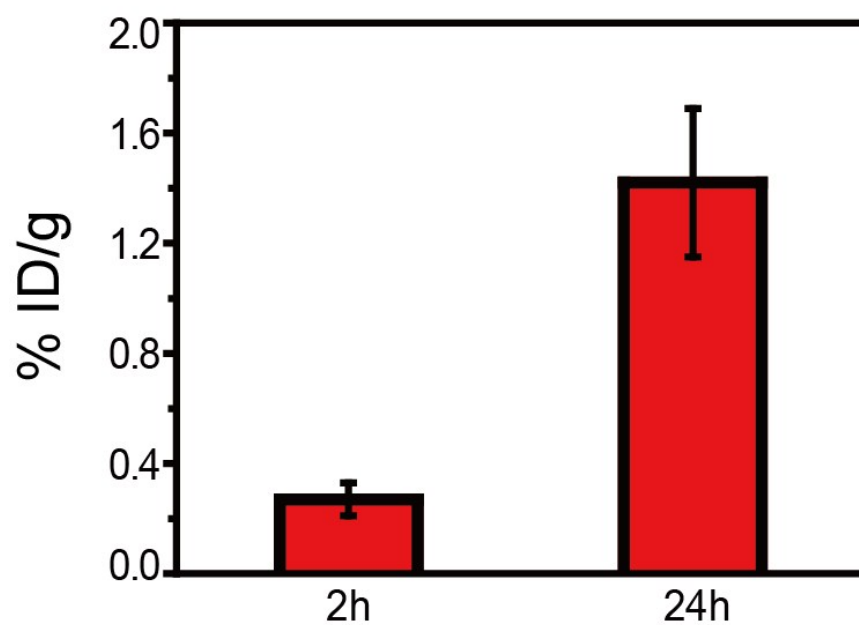


Fig. S10. ICP-MS analysis of the concentration of zinc ions in tumor.

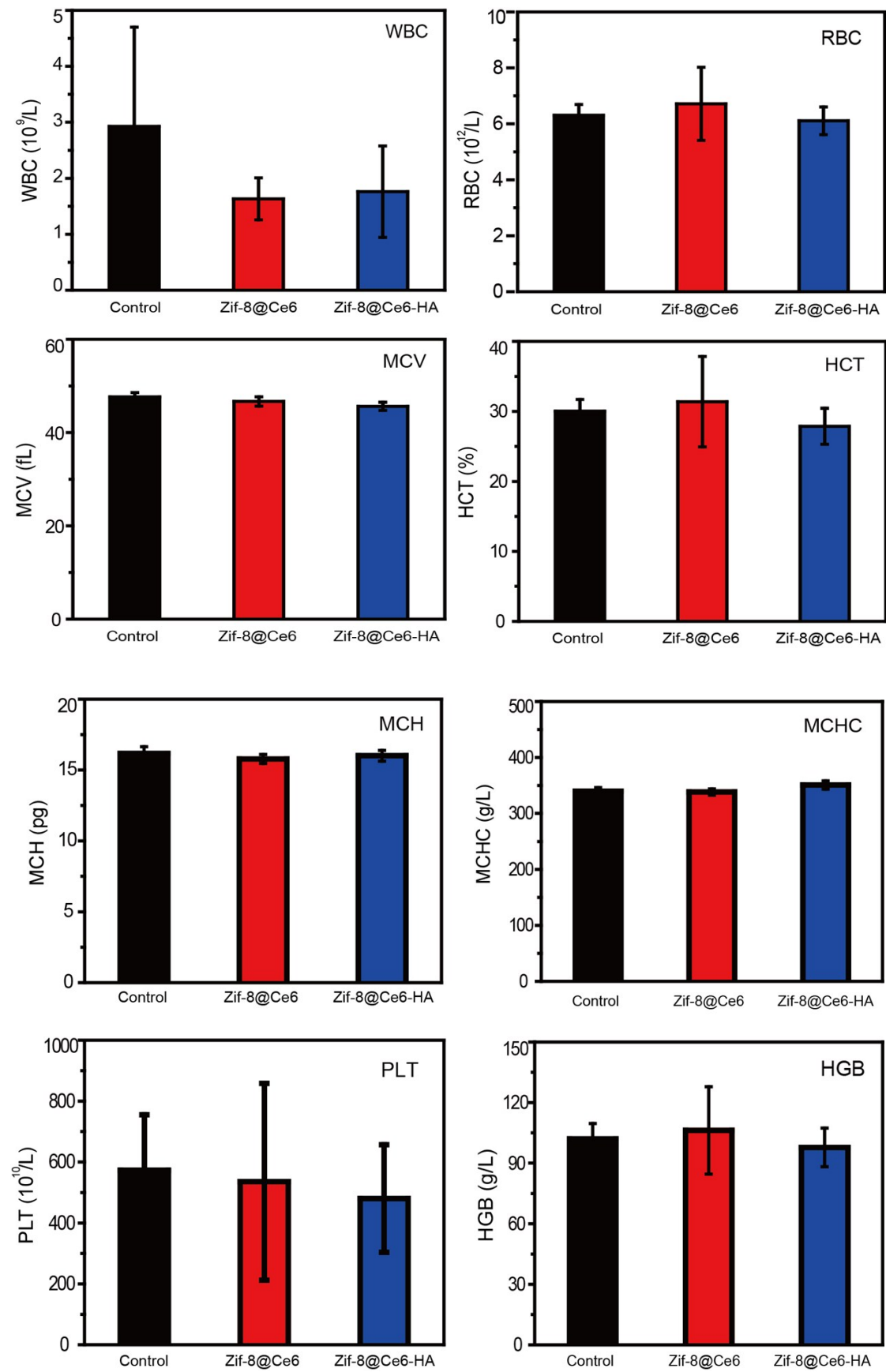


Fig. S11. The the blood routine from mice after different treatments.

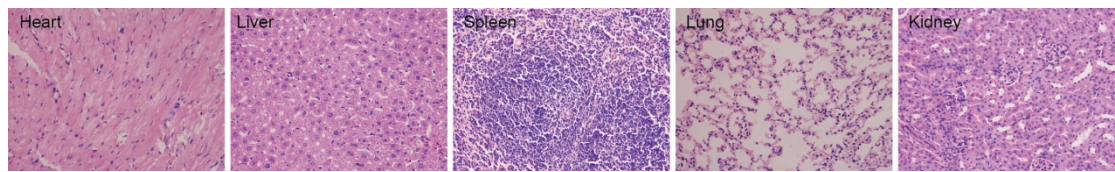


Fig. S12. Comparison of hematoxylin and eosin (H&E)-stained tissue sections from mice treated with PBS.