

Preparation and MRI performance of composite contrast agent based on palygorskite pores and channels binding effect to prolong residence time of water molecules on Gadolinium ions

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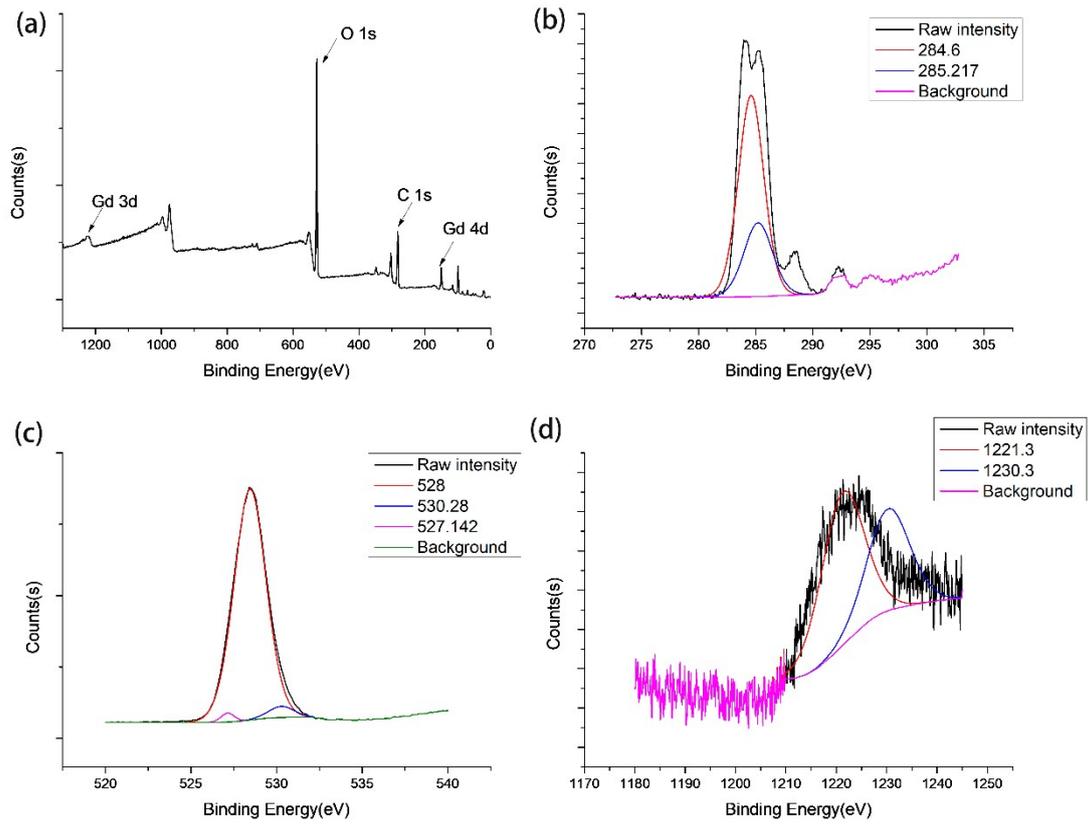


Fig. S1 (a) XPS survey, (b) C1s, (c) O1s, (d) Gd4d XPS spectra of PAL@Gd-0.5@PVA composite.



Fig. S2 Erythrocyte hemolysis resulted of PAL@Gd-0.5@PVA composite.

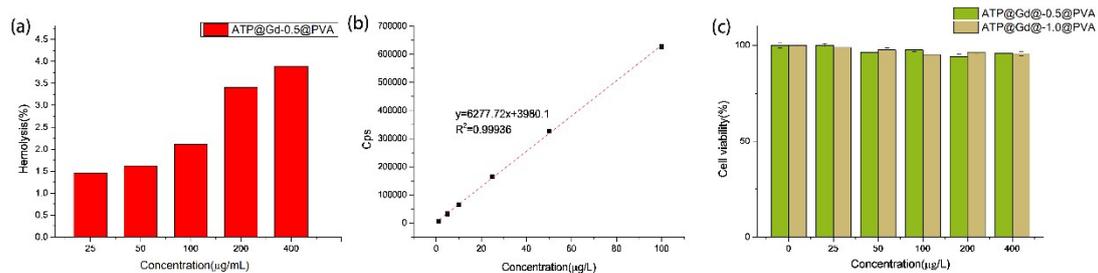


Fig. S3: (a) The hemolysis rate, (b) determination of Gd³⁺ in concentrations of PAL@Gd-0.5@PVA composite by ICP-MS, (c) Cellular viability of HUVEC cells after incubation with different concentrations of PAL@Gd-0.5@PVA composite.