

Supplementary Materials

Alleviation of Myocardial Infarction by Hydrogen Sulfide-Releasing Nanoparticles: Mechanisms and Therapeutic Effects

Yujia Zhan,^{a†} Xueshan Zhao,^{a†} Ruiqi Liu,^b Siwei Bi,^b Yuxuan Ge,^d Yin Wang,^d Haibo Wang,^e Lisha Jiang,^{c*} Jun Gu^{a*}

^aDepartment of Cardiovascular Surgery, West China Hospital, Sichuan University, Chengdu, 610000, China.

^bDepartment of Burn and Plastic Surgery, West China Hospital, Sichuan University, Chengdu, 610000, China.

^cDepartment of Nuclear Medicine West China Hospital, Sichuan University, Chengdu, 610000, China

^dEngineering Research Center of Cell & Therapeutic Antibody, Shanghai Frontiers Science Center of Drug Target Identification and Delivery, National Key Laboratory of Innovative Immunotherapy, School of Pharmaceutical Sciences, Shanghai Jiao Tong University, Shanghai 200240, China

^eCollege of Biomass Science and Engineering, Sichuan University, Chengdu 610065, PR China

[†]These two authors contributed to this work equally.

*Correspondence to: Jun Gu (Email: gujun@wchscu.cn); Lisha Jiang (Email: jianglisha@wchscu.cn).
Jun Gu and Lisha Jiang were corresponding Authors.

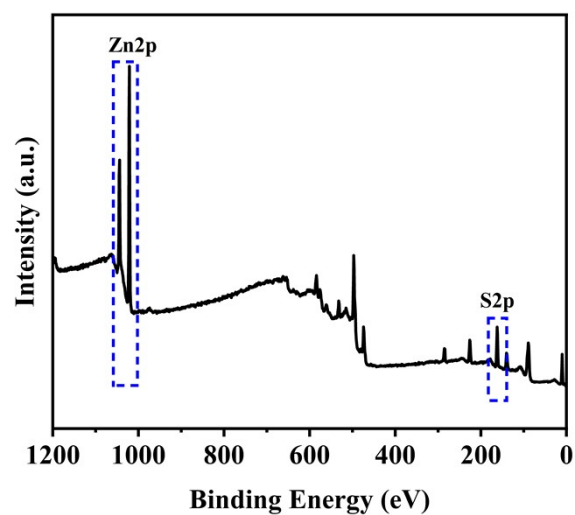


Figure S1 XPS survey spectrum of HA@ZnS nanoparticles

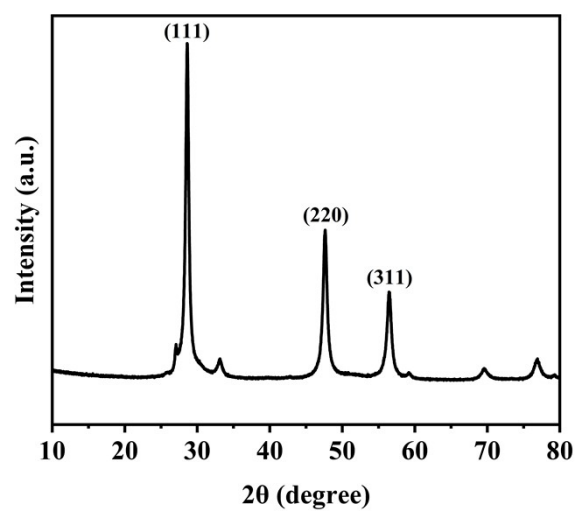


Figure S2 XRD patterns of HA@ZnS nanoparticles