

Supporting Information

Prolonged Release of Silver and Iodine from ZIF-7 Carrier with Great Antibacterial Activity

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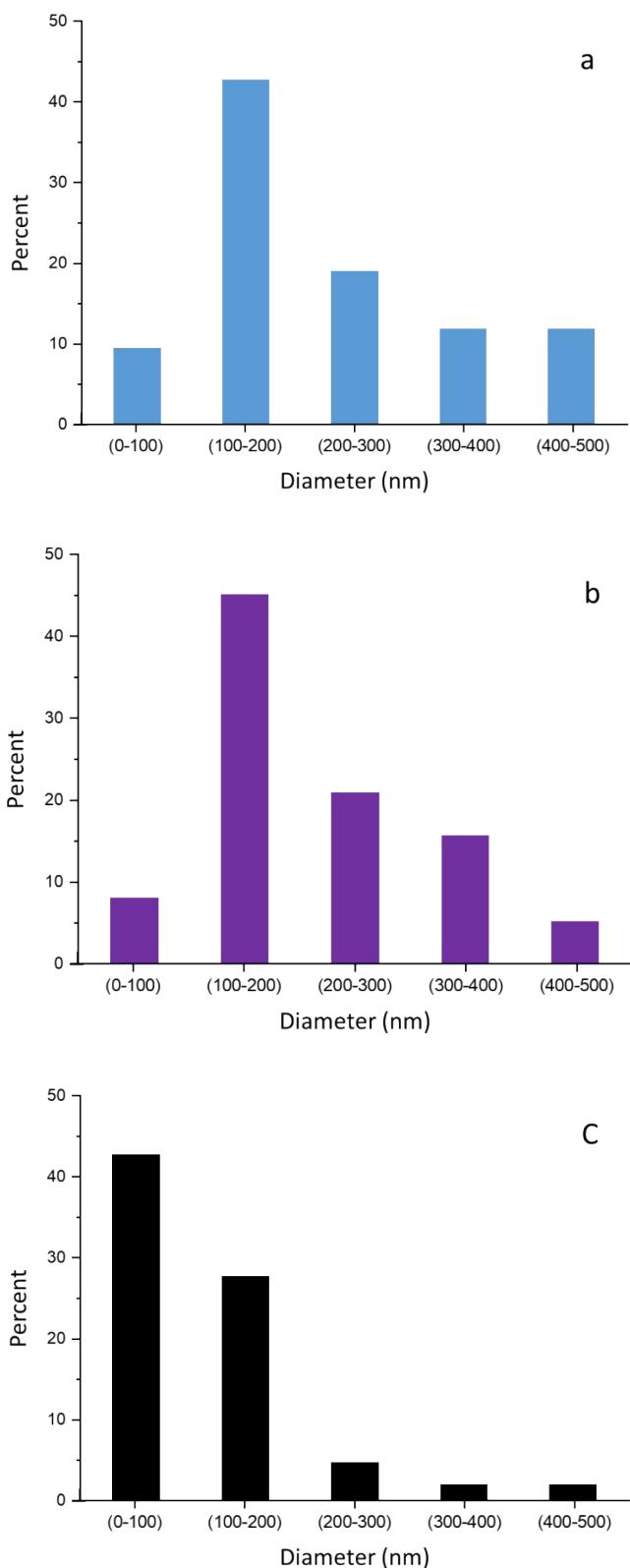
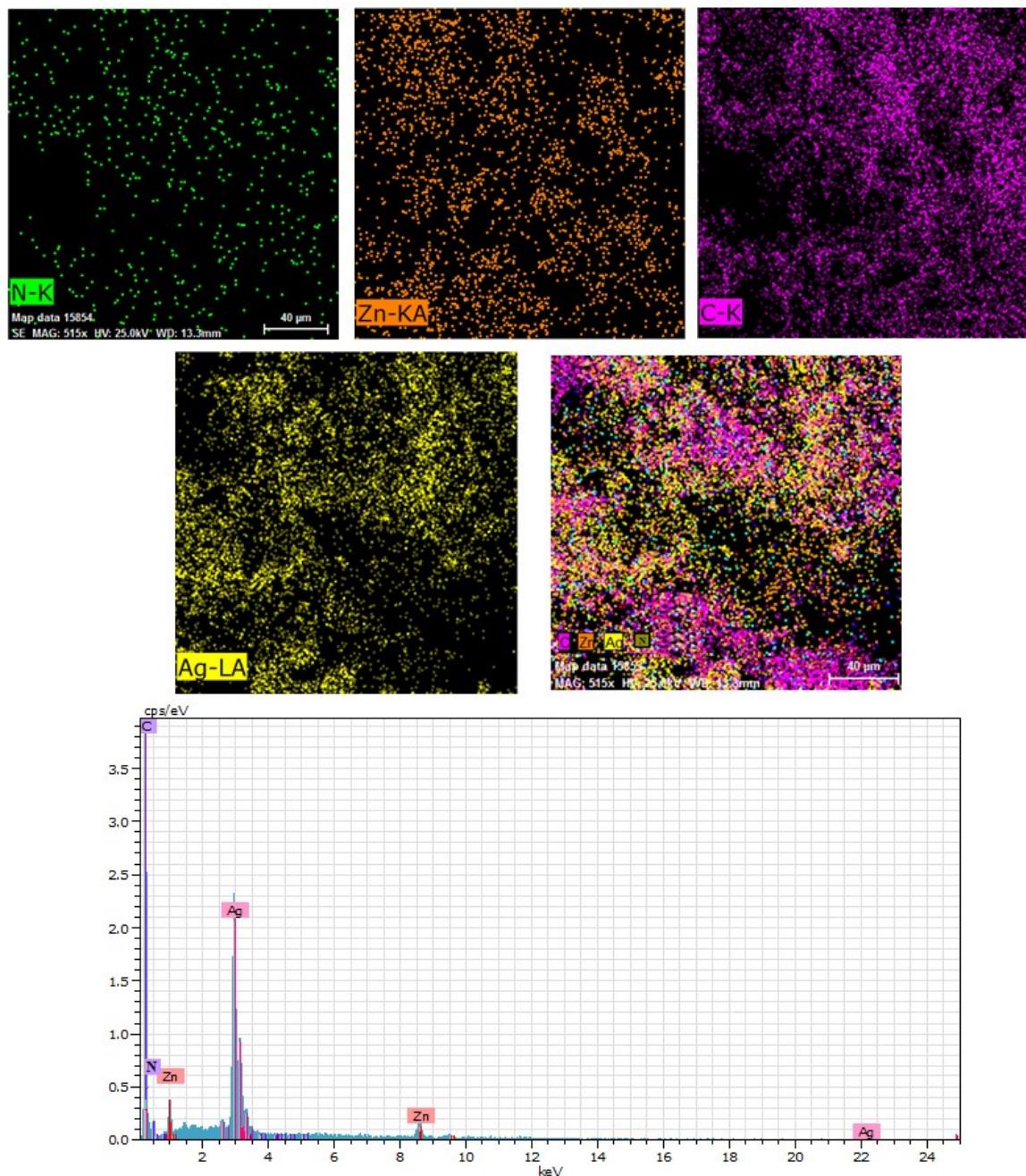


Figure S1. Particle size distribution histograms of a) ZIF-7, b) $I_2@ZIF-7$, and c) $Ag@ZIF-7$

a.



b.

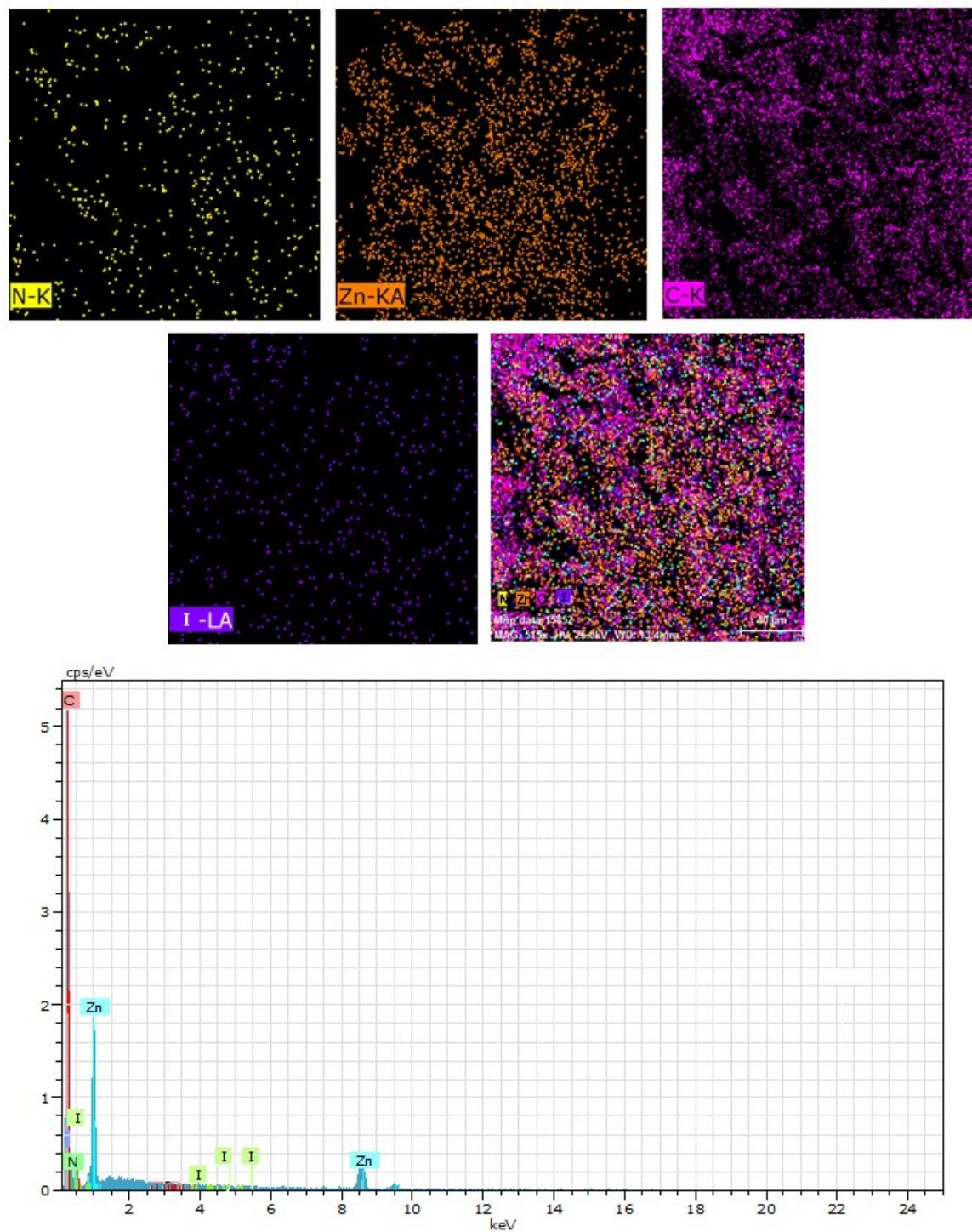


Figure S2. EDS-mapping and EDS spectra of a) Ag@ZIF-7, and b) I₂@ZIF-7.

Table S1. Elemental analysis (mass percent) from EDS of ZIF-7, Ag@ZIF-7 and I₂@ZIF-7.

Elements	ZIF-7	Ag@ZIF-7	I ₂ @ZIF-7
₆ C	75.98	58.83	67.4
₇ N	14.85	5.03	12.55
₃₀ Zn	9.17	6.3	13.66
₄₇ Ag	0	29.84	0
₅₃ I	0	0	6.39