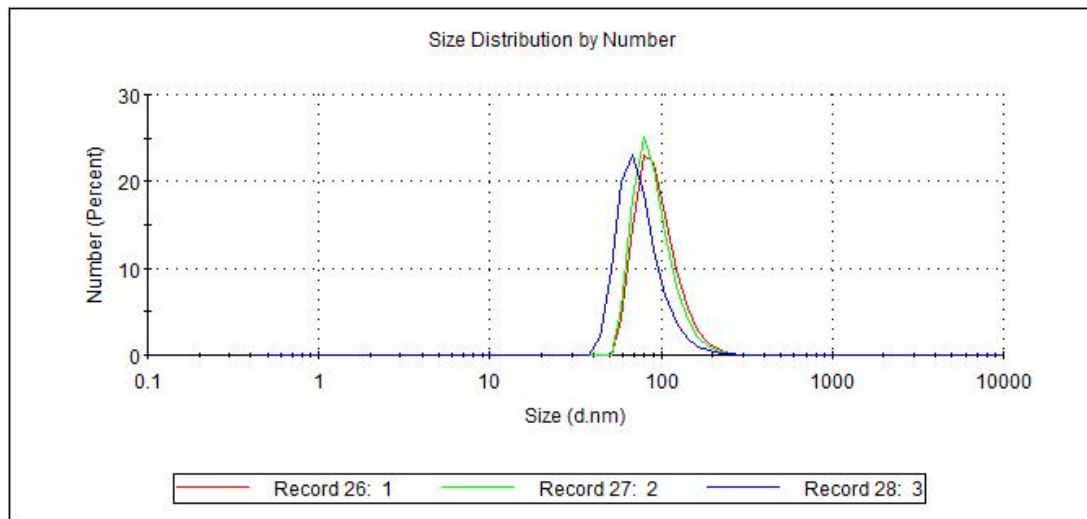


S1

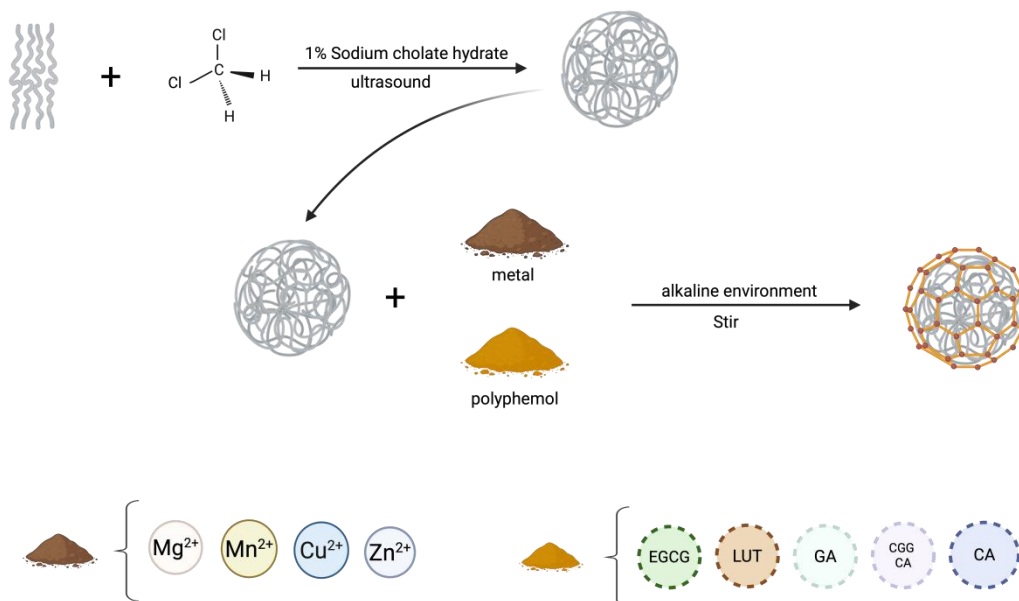
	Size (d.nm):	% Number:	St Dev (d.nm):
Z-Average (d.nm): 121.8	Peak 1: 77.16	100.0	25.79
Pdl: 0.124	Peak 2: 0.000	0.0	0.000
Intercept: 0.925	Peak 3: 0.000	0.0	0.000

Result quality : Good



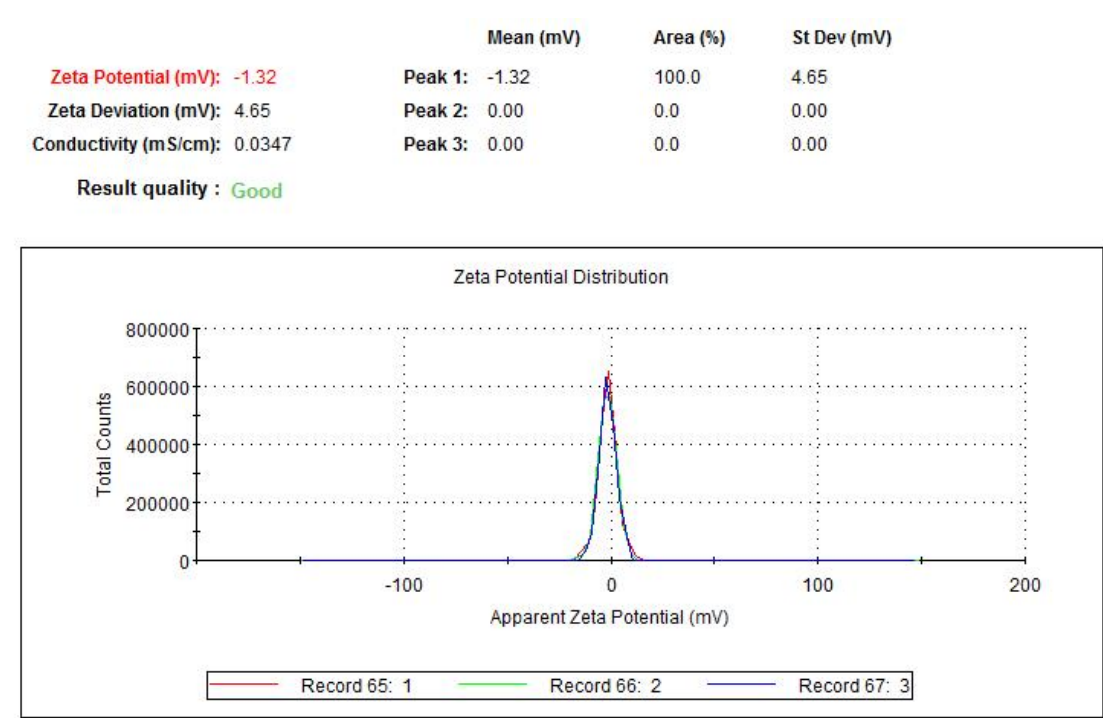
The size and PDI of mPEG-PLA.

S2



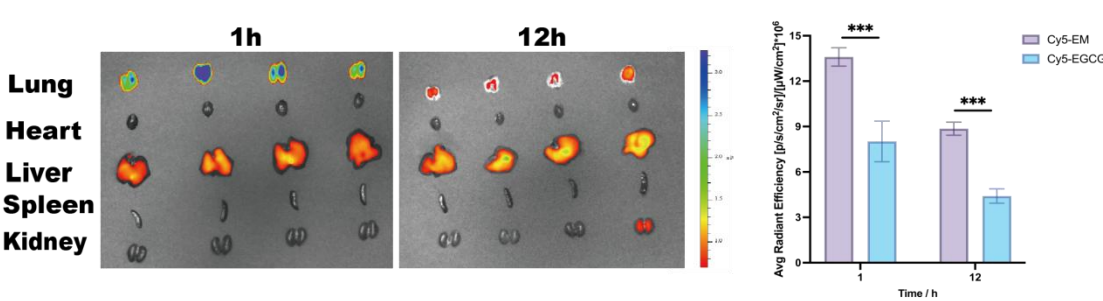
The process of making MP NPs.

S3



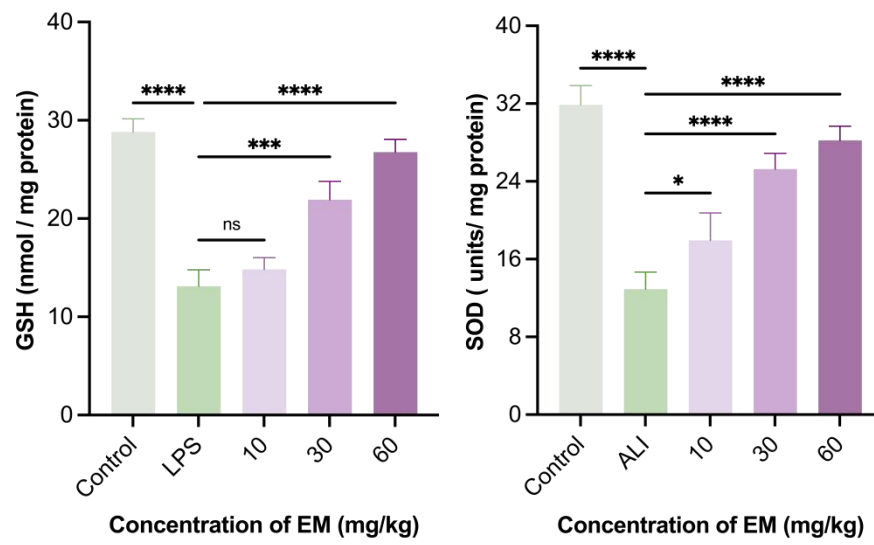
The potential test of the surface of EM NPs.

S4

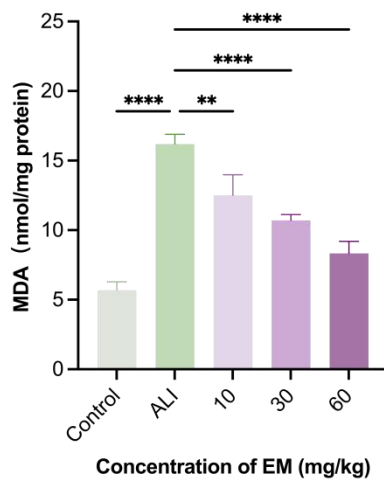


Intaking of EGCG and taking the pictures with IVIS and its quantitative analysis.

S5

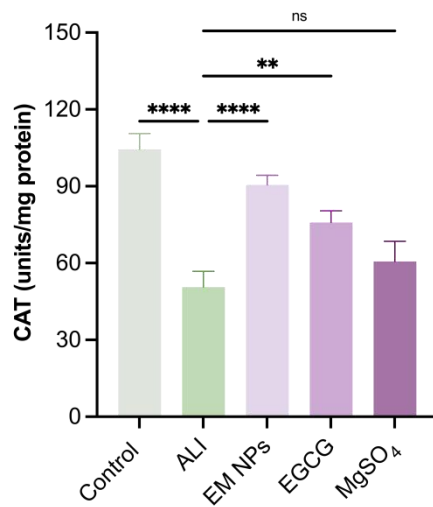


Detection of anti-oxidant enzyme level in lung tissue.



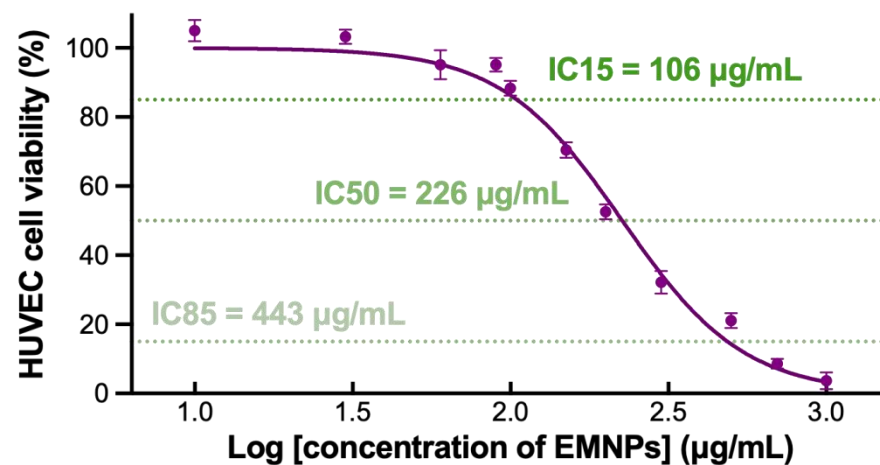
Detection of MDA level in lung tissue.

S6



Detection of CAT level in lung tissue.

S7



Cell viability of HUVEC after co-incubating with EM NPs of different concentration

Table 1

species	Primer	Forward primer sequence(5'→3')	Reverse primer sequence (5'→3')
human	TNF- α	CTTCTGCCTGCTGCACTTTG	GGGCTACAGGCTTGTCCTC
human	IL-6	ACAGCCACTCACCTCTTCAG	CTGCCAGTGCCTCTTTGCTG
mouse	TNF- α	CTGAACCTTCGGGGTGATCGG	GGCTTGTCCTCGAATTTTGAGA
mouse	IL-6	CTGCAAGAGACTTCCATCCAG	AGTGGTATAGACAGGTCTGTTGG
mouse	G-CSF	ATGGCTCAACTTTCTGCCAG	CTGACAGTGACCAGGGGAAC
mouse	sICAM-1	GTGATGCTCAGGTATCCATCCA	CACAGTTCTCAAAGCACAGCG
mouse	IL-1 β	GAAATGCCACCTTTTGACAGTG	TGGATGCTCTCATCAGGACAG

Primer sequence of pro-inflammatory cytokines