



**Figure S3** *In vivo* fluorescent imaging (A) The digital photographs and (B) the summary of the radiant efficiency of HT-29 xenograft Balb/c nude mouse after intratumoral injection of U@MSC@MP NPs (Ce6 dose of 5 mg/kg) at different post-injection time (0, 0.5, 1, 2, 4, 6, 12, 24, 48 h) (n=1)