

Supplementary Fig. S9. L-chicoric acid inhibits MIBC distant metastasis. (a) Representative bioluminescence images showing the pulmonary metastatic nodules in the indicated mice bearing orthotopic bladder tumor. (b) Representative IHC images for SQOR in the indicated mice. Scale bars: 20 μm . (c) The serum succinate levels were measured in the indicated mice. (d) Representative staining images of the pulmonary metastatic nodules (Scale bars, 200 μm) and intramuscular CD31⁺ or α -SMA⁺/CD31⁺ vessels in the indicated mice (Scale bars, 50 μm). (e) Kaplan–Meier curves analysis of metastasis-free survival in mice bearing the indicated orthotopic bladder tumors. (f) The serum succinate level was measured in the indicated mice. (g) Quantification of SQOR expression in the indicated orthotopic bladder tumors. (h) Quantification of intramuscular CD31⁺ or α -SMA⁺/CD31⁺ vessels in the indicated mice. Each error bar in b, c, d, f, g and h represents the mean $\pm$ SD of n = 6 mice per group. Statistical analysis was performed using Two-way ANOVA with Šídák's multiple comparisons test for (b, c, d, f, g and h) and Kaplan-Meier method for (e). ** $P < 0.01$; *** $P < 0.001$; ns, not significant.

Supplementary Fig. S9

