Supplement Figure S1

A. Concentration-dependent reduction of number of adherent LNCaP cells exposed to increasing concentrations of bufalin for 96 h.



B. Representative photomicrograph of LNCaP cells exposed to bufalin at 2 concentrations for 48 h.



A, Western blot detection of c-PARP, AR, PSA in LNCaP cells exposed to bufalin for 48 h.



B, Western blot detection of c-PARP, AR, PSA in LNCaP cells exposed to bufalin for 24 h.



Supplement Figure S3 Yong Zhang *et al*

Gross appearance of paraffin embedded tumors (3rd-8th ranked for each group) selected for biomarker analyses.



Supplement Figure S4 Yong Z

Yong Zhang *et al*

Western blot detection of HK2 (hexokinase-2), p-AKT and AKT in tumors from vehicle- or bufalin-treated mice. PC3 cell extract and LNCaP extract (LN) were used as positive control for HK2 and active AKT (p-AKT), respectively.



Supplement Figure S5

Schematic integration of bufalin induced cellular effects to inhibit LNCaP prostate tumor growth.

