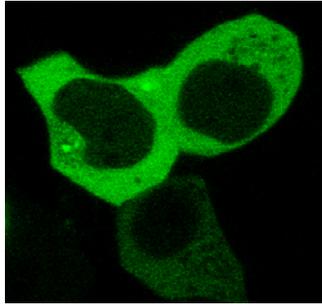
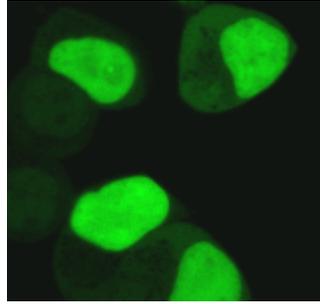


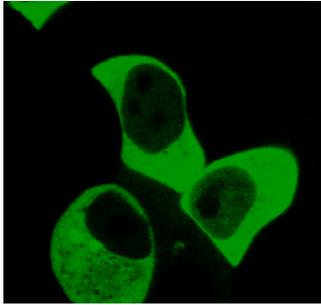
**GFP-ERK3
control**



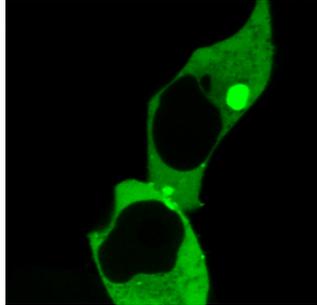
**GFP-MK5
control**



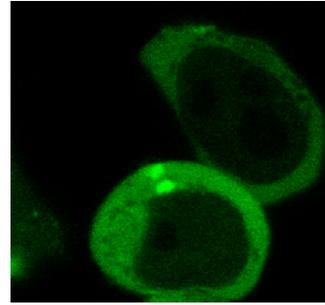
**GFP-ERK3
+ LMB**



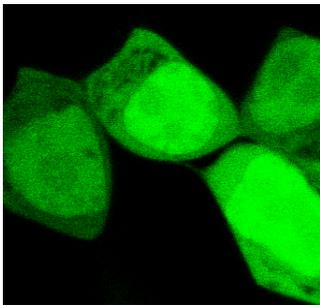
**GFP-MK5
+ His-ERK3
+ LMB**



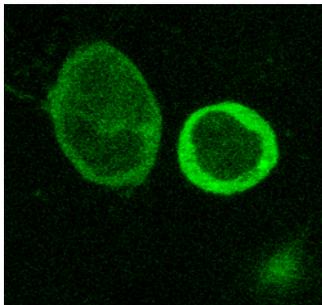
**GFP-MK5
+ His-ERK3
+ SB203580**



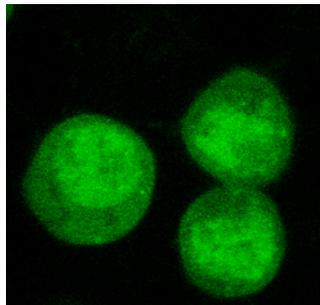
**GFP-MK2
control**



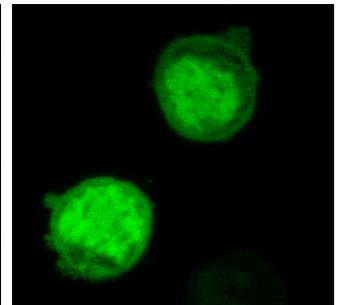
**GFP-MK2
+ arsenite**



**GFP-MK2
+ arsenite
+ LMB**



**GFP-MK2
+ arsenite
+ SB203580**



Supplementary Figure 3: Leptomycin B (LMB, 200 nM, 1h) and SB 203580 (10 μ M, 1h) do not block His-ERK3-mediated cytoplasmic translocation of MK5 (middle panel) but inhibit arsenite-stimulated (100 μ M, 1h) nuclear-cytoplasmic translocation of MK2 (lower panel) in HEK 293 cells. Arsenite treatment is known to lead to some detachment and rounding up of the cells.