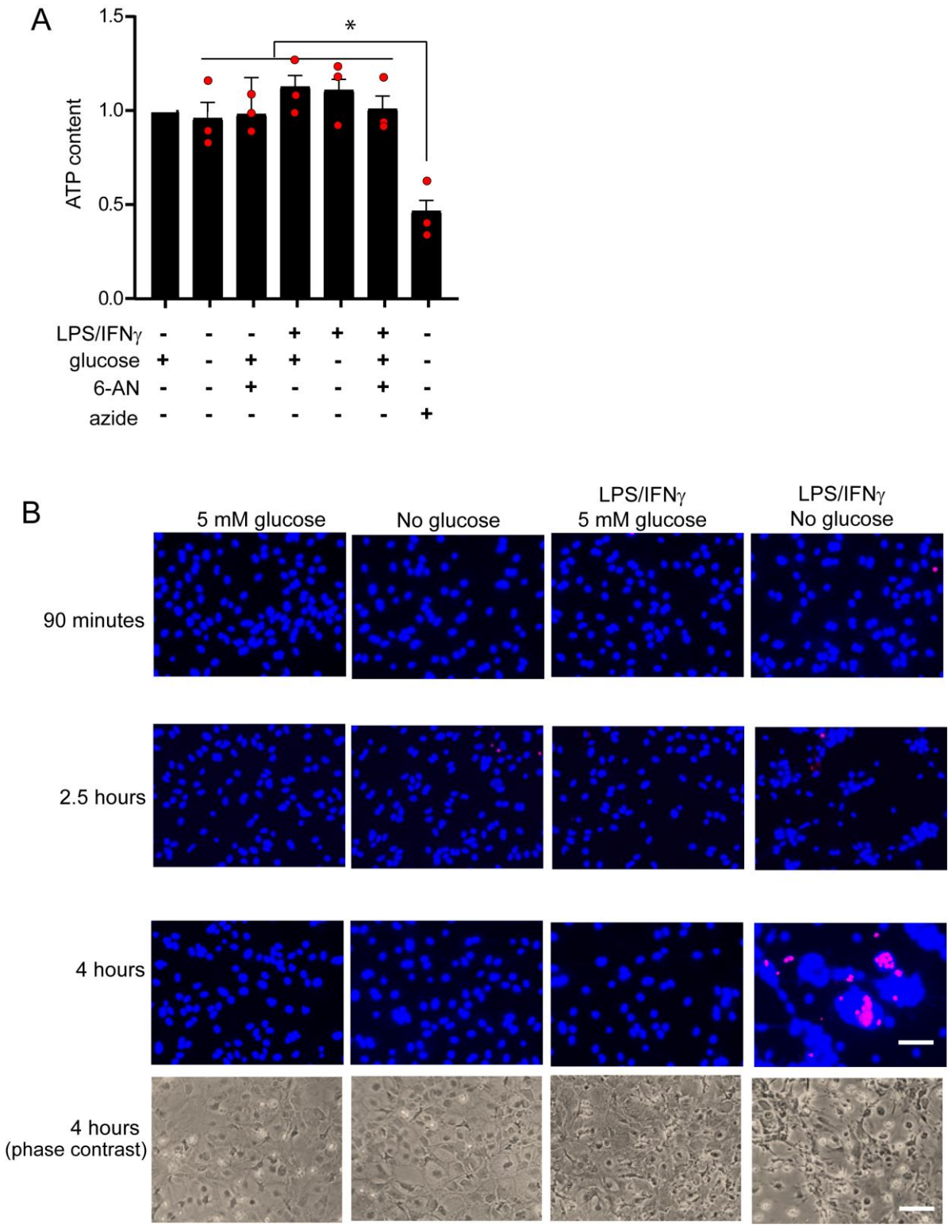

Supplemental Figure 1. Cell ATP content and viability during glucose deprivation
(**A**) Mixed astrocyte/microglial cultures were incubated with LPS/INFγ or under control conditions for 18 hours and then incubated for 90 minutes in medium containing either 0 M

glucose, 5 mM glucose, 5 mM glucose plus 10 μM 6-aminonicotinamide (6-AN), or, as a positive control, 0 glucose plus 5 mM sodium azide. Data from each experiment are normalized to the control condition (5 mM glucose, not stimulated by LPS/INFγ) and expressed as means ± SEM. n = 3 experiments, each performed with independent culture preparations. * $p < 0.05$ by ANOVA and Dunnett's test. [ANOVA $F(5, 12) = 7.57$, $P = 0.002$, $r^2 = 0.7594$; Browne-Forsythe $F = .02172$, $P = 0.9997$]

(**B**) Fluorescence and phase contrast images were obtained at the designated time intervals after 18 hours' incubation with or without LPS/INFγ and subsequent incubation in glucose-free or control (5 mM glucose) medium for the designated time intervals. Dead cells are identified by propidium iodide (red), and cell nuclei by Hoescht (blue). Scale bar = 50 μm. Cell death was less than 0.5% in any of the treatment conditions after 90 minutes and 2.5 hours, but increased to > 10% after 4 hours of glucose deprivation in the LPS/INFγ - treated cultures. n = 4 independent culture preparations.