



(A) Real-time extracellular acidification rate (ECAR) measurement of astrocytes after DMSO, 1  $\mu$ M, 10  $\mu$ M and 30  $\mu$ M TF treatment for 24h. Data were normalized against total protein ( $\mu$ g). XF-base media re-constituted with 180  $\mu$ M pyruvate, 5  $\mu$ M glutamate, 500  $\mu$ M glutamine and pH adjusted to 7.4 was used for this analysis. Quantification of basal glycolysis (B), glycolytic capacity (C), and glycolytic reserve (D) in response to different TF concentrations for 24h. Each bar is reported as the mean  $\pm$  SD. Two-way ANOVA was performed to detect the significant comparison between treatments followed by Holm-Sidak's correction. \*,  $p < 0.05$ ; \*\*,  $p < 0.01$  versus untreated condition.