

Assessing fatty acid-induced lipotoxicity and its therapeutic potential in glioblastoma using stimulated Raman microscopy

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Supplementary Figures

Figure S1

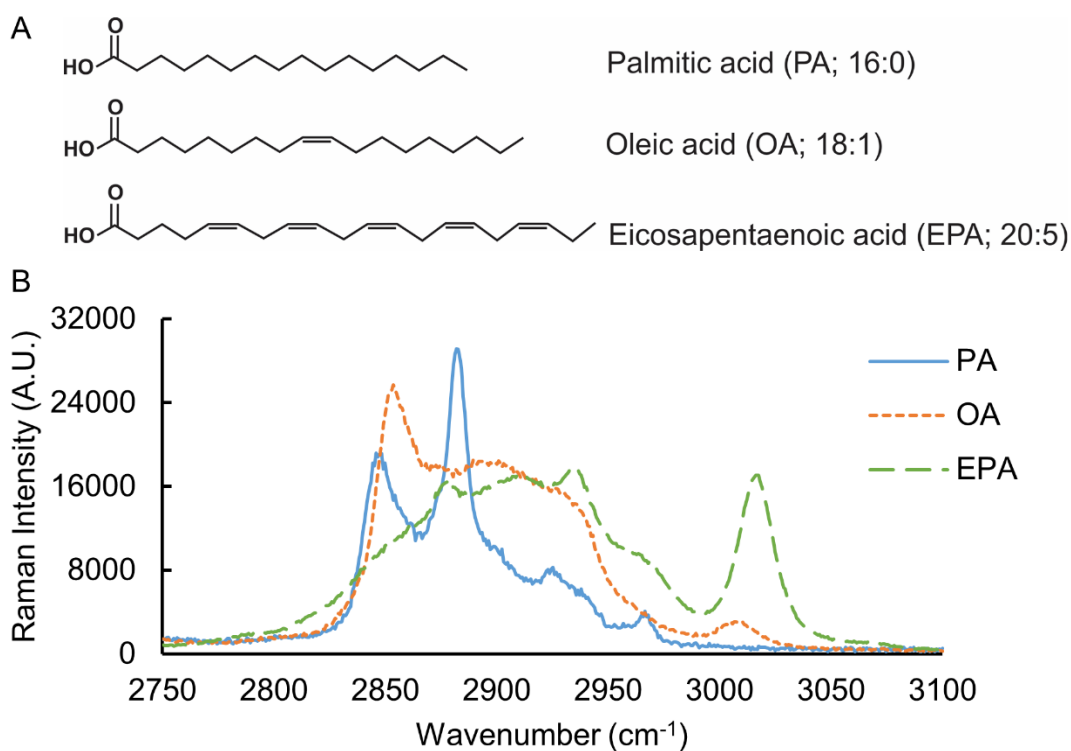


Figure S1: **(A)** The molecular structure of PA, OA, and EPA. **(B)** Raman spectra of PA, OA, and EPA acquired using a confocal Raman spectroscopy (Renishaw InVia) were nearly identical to the SRS spectra acquired using the lab-built SRS microscope. Supplementary data to Fig. 3.

Figure S2

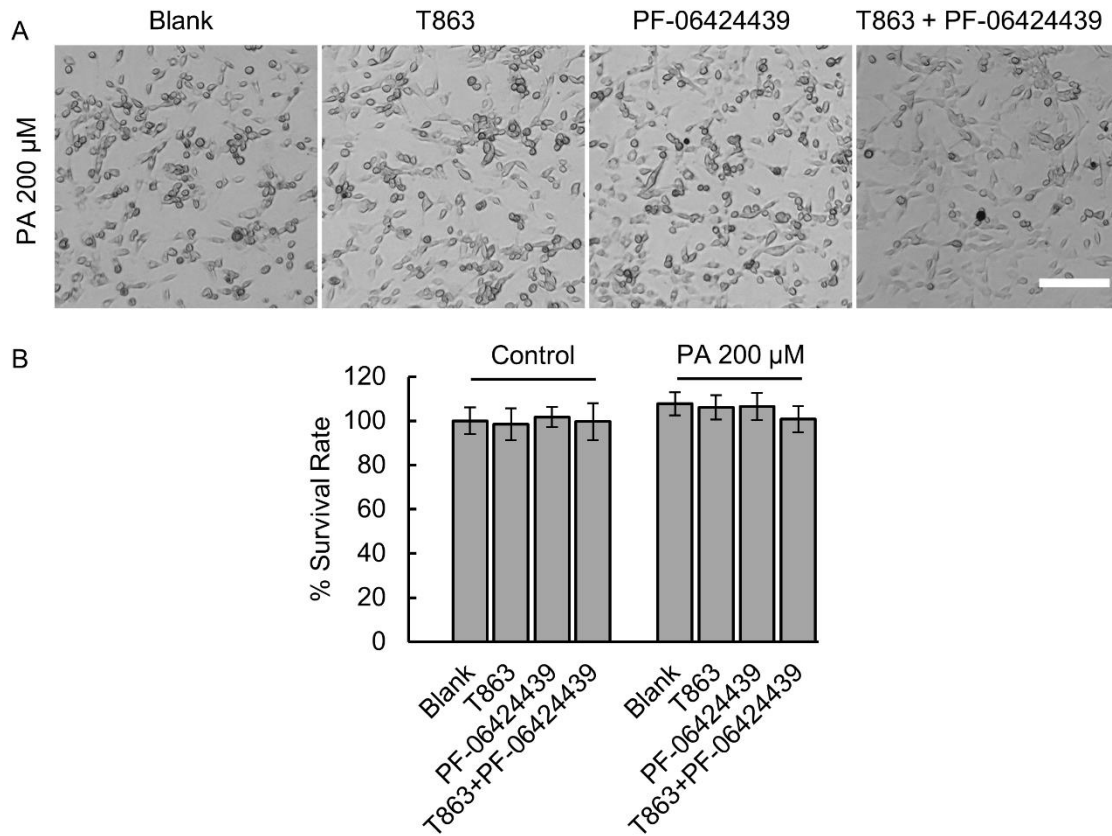


Figure S2. **(A)** Representative white-light microscopic images of U87 glioma cells treated with 200 μ M PA, with or without inhibitors 20 μ M T863 or 10 μ M PF-06424439 treatment. Scale bar, 150 μ m. **(B)** Plots of survival rates quantified by cell counting of 4 images in (A) for each group, which shows that 200 μ M PA treatment did not reduce cell growth compared with the control group. Supplementary data to Fig. 7.