

Figure S1. *In vitro* autoradiography of inflammatory muscle using ^{18}F -DPA-714 at day 1, 6 and 22 after turpentine injection with (upper) or without (lower) PK11195 blocking.

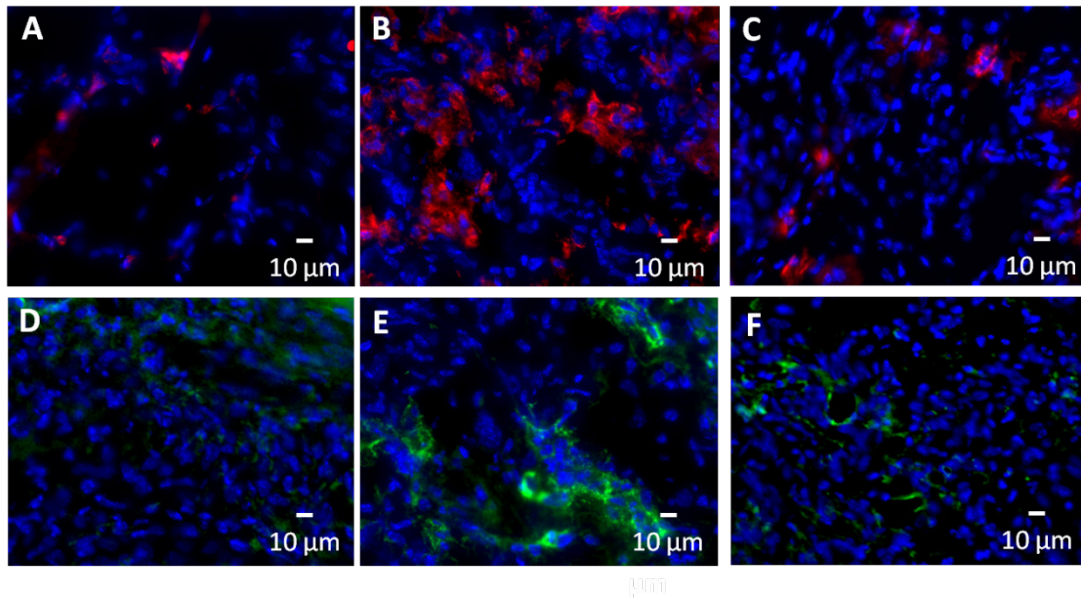


Figure S2. Immunofluorescence staining of CD68 and CD31 in inflammatory muscles. DAPI was used for nuclei staining with blue color. (A) Immunofluorescence staining of CD68 on macrophages on day 1. (B) Immunofluorescence staining of CD68 on macrophages on day 6. (C) Immunofluorescence staining of CD68 on day 6 with macrophage depletion treatment. (D) Immunofluorescence staining of CD31 staining for vascular evaluation on day 1. (E) Immunofluorescence staining of CD31 staining of endothelia cells on day 12. (F) Immunofluorescence staining of CD31 on day 12 with macrophage depletion treatment.

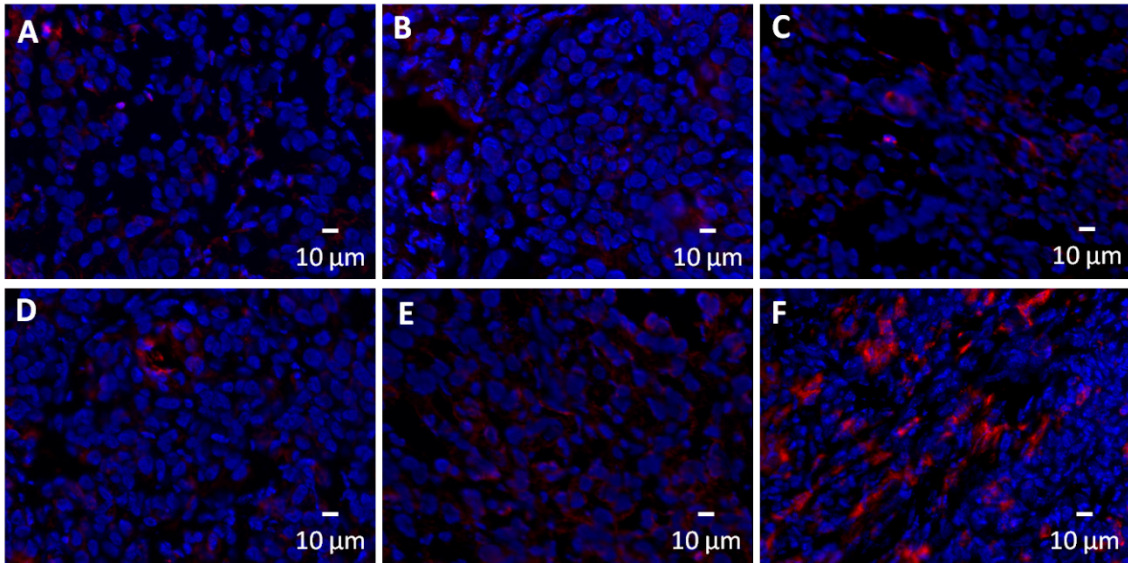


Figure S3. Immunofluorescence staining of TPSO in tumors and inflammatory muscle. (A-E) A549, HT29, U87MG, INS-1, 4T1 tumor cryosection TSPO staining of macrophages. (F) Day 7 inflammation tissue cryosection TSPO staining of macrophages.