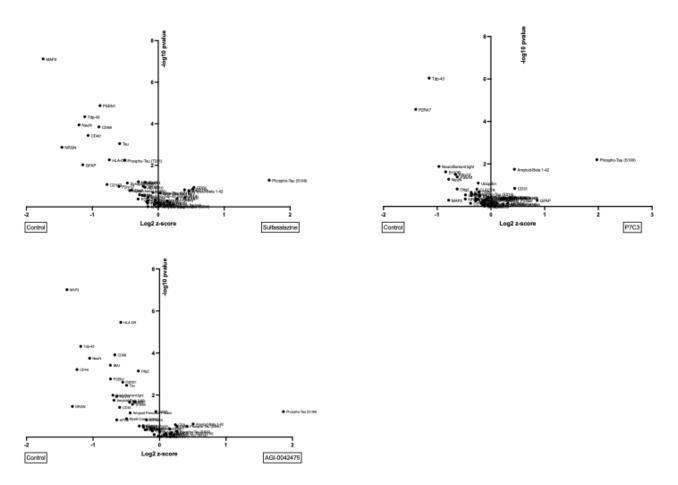
## **SUPPLEMENTAL FIGURES:**

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**Supplemental Figure 1**: Overview of PK/PD curves for 16 pharmacological agents in the TG mice across 13 biomarkers. All curves display fluorescent intensity for a given IF marker, and are averaged from 4-6 ROIs per drug. Values represent the net change of marker expression versus the control expression level.



**Supplemental Figure 2:** Additional volcano plots showing differential protein expression in drug and control tissue regions. Each unit increase on x-axis represents a doubling in marker intensity. The y-axis shows the associated p-value  $(-\log_{10})$  across the biological replicate set of n=4-6.