S1 Fig. Inflammatory kinetics of the major immune modulatory categories, injury preventing compounds and toxic compounds.

Kinetics of the inflammatory response of 1120 compounds from the FDA-approved library and the ICCB library of known bioactives. Individual graphs display the inflammatory index over time based on non-linear regression fitting of original data using $e^{(a_0+a_1t)}$ for the different categories. Red dots in each graph represent the inflammatory index of the averaged CuSO$_4$ control. Black curves represent individual compounds. (A) Compounds with normal inflammatory response. (B) Drugs with anti-inflammatory activity. (C) Pro-inflammatory compounds. (D) Anti-resolution compounds. (E) Toxic compounds and compounds with severe adverse effects. (F) Injury preventing compounds. The majority of compounds in this category mimic anti-inflammatory drug activity.