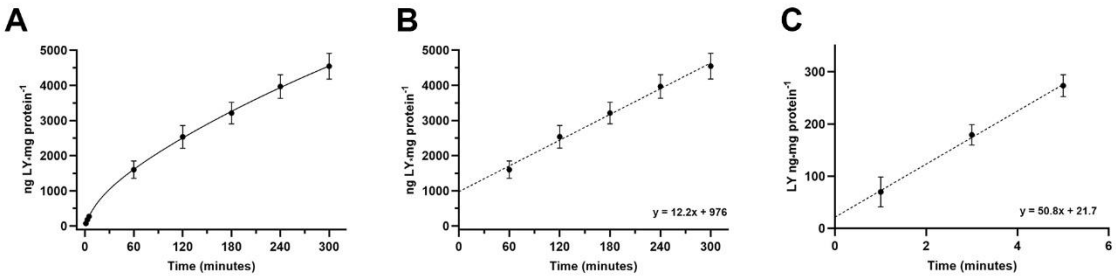
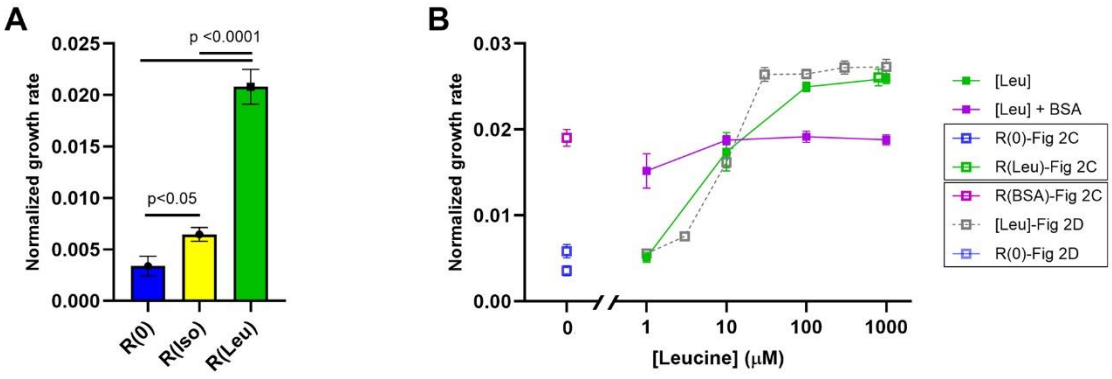


Supplementary Figure 1

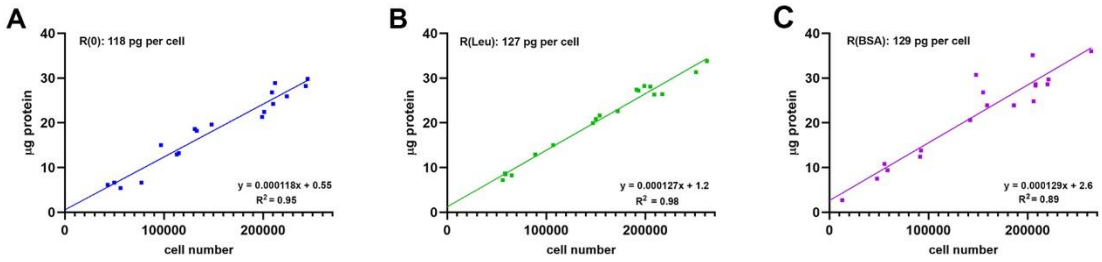
Supplementary Figure 1. The data of Figure 1 B-D plotted as ng LY$_*$mg protein^{-1}, as in previous publications (Berthiaume et al., 1995; Swanson et al., 1985).



Supplemental Figure 2

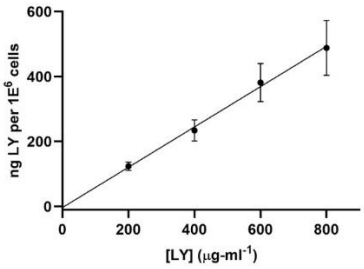
Supplementary Figure 2. (A) Rates of cell growth in R(0)/CSF1, R(Iso)/CSF1, R(Leu)/CSF1, showing mean and SEM for rates of growth normalized to the cell counts for each condition at 30 hrs. One-way ANOVA, n = 81 per condition (9 time points from 30-38 hrs, 3 wells per time point, 3 biological replicates).

(B) Compiled data from related experiments that measured rates of cell growth in various media, normalized to the 30-hour time point. Solid squares indicate data of Fig. 2E. Open squares indicate data of Fig. 2C and Fig 2D.



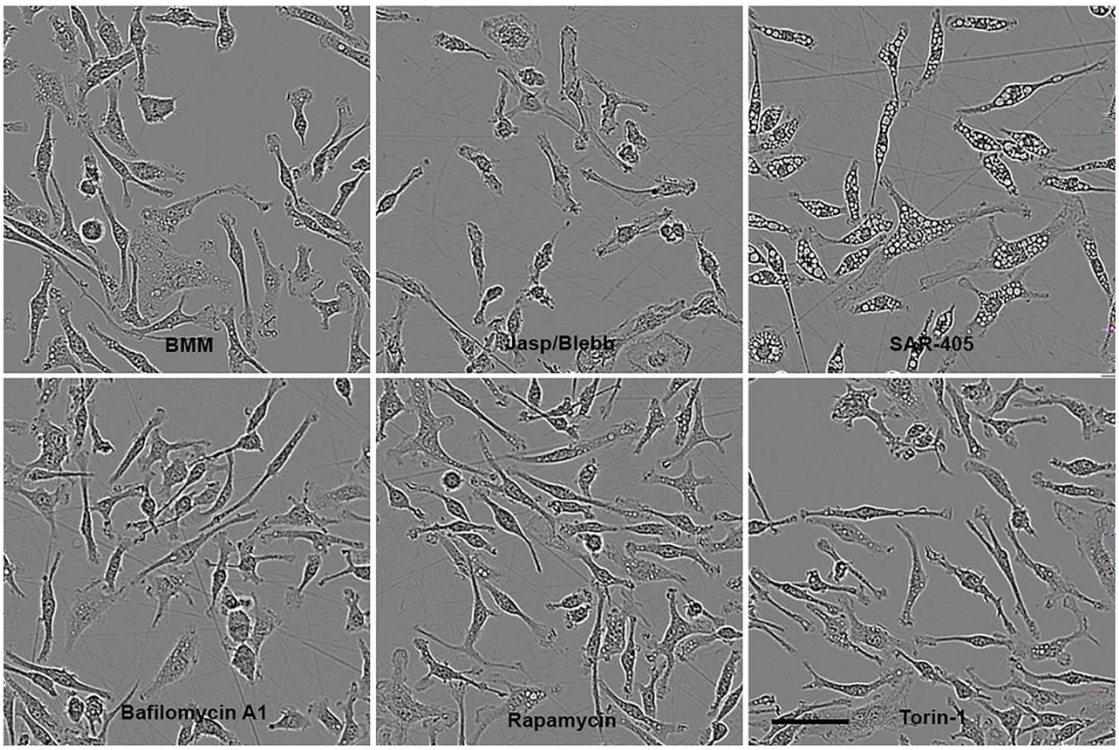
Supplemental Figure 3

Supplementary Figure 3. Plots of µg protein*well^{-1} vs. cell numbers obtained from the Incucyte allow determination of protein content per cell in the various growth media. (A) R(0), (B) R(Leu), (C) R(BSA).



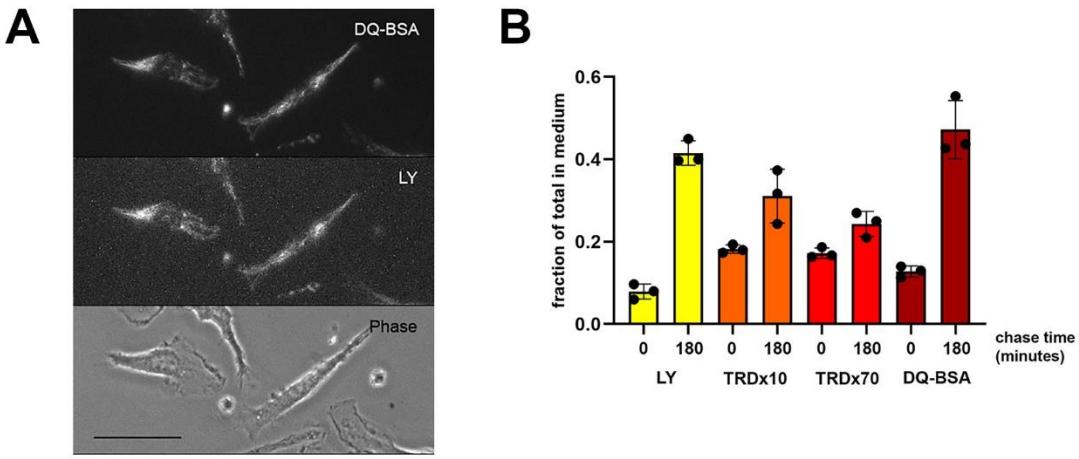
Supplemental Figure 4

Supplementary Figure 4. The data of Fig. 4A recalculated to show ng LY$*10^6$ cells^{-1}.



Supplemental Figure 5

Supplementary Figure 5. Effects of inhibitors on macrophage morphology obtaine from incucyte images taken 3 hr after addition of BMM (control), J/B, SAR-405, Bafilomycin A1, Rapamycin and Torin-1. Scale bar: 50 μm.



Supplementary Figure 6

Supplementary Figure 6. (A) Microscopy of macrophages labeled for 2 hrs with 10 μg/ml DQ-BSA and 500 μg/ml LY in BMM, washed and imaged in RB. Scale bar: 20 μm.

(B) Related to the experiments of Fig. 6A, B, showing the fraction of the total fluorescence in each well that was in the medium (vs. cell-associated). The 0-minute chase data were subtracted from the 180-minute chase data to obtain the values in Fig. 6B.