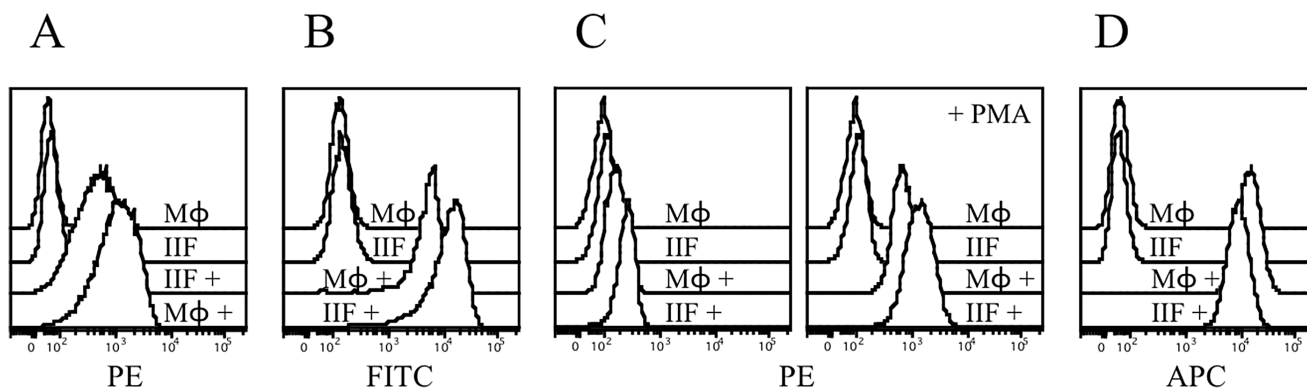


Monocyte-to-macrophage switch reversibly impaired by Ibrutinib

SUPPLEMENTARY MATERIALS



Supplementary Figure 1: Flow cytometry study of macrophages (Mφ) and Ibrutinib-induced fibrocyte-like cells (IIF). Cells were evaluated for phagocytosis by pHrodo Red E. Coli BioParticles (A) and pHrodo Green Zymosan A BioParticles (B), ROS production by CellRox Deep Red reagent in the absence or presence of PMA (C), mitochondrial mass by MitoTracker Green FM probe (D). (+): cells incubated with the specific reagent as specified above. Data are representative of at least 3 experiments.

Supplementary Table 1: Mφ and IIF surface markers analysis

	Mφ	IIF
CD14	66630 ± 1490	70512 ± 2598
CD68	126 ± 15	120 ± 21
HLA-DR	18410 ± 510	11770 ± 454*
CCR7	negative	negative
CD206	3715 ± 1204	3672 ± 1518
CD163	470 ± 123	516 ± 112
CD200R	1586 ± 510	1641 ± 485

* $p < 0.05$.

Flow cytometry analysis was performed after 10 days of culture. At least 20,000 cells were acquired on a FACSCantoII cytometer (Becton Dickinson) and analyzed by FlowJo 9.9.6 software (Tree Star). Data are expressed as mean ± SD of Mean Fluorescence Intensity of 4 experiments.