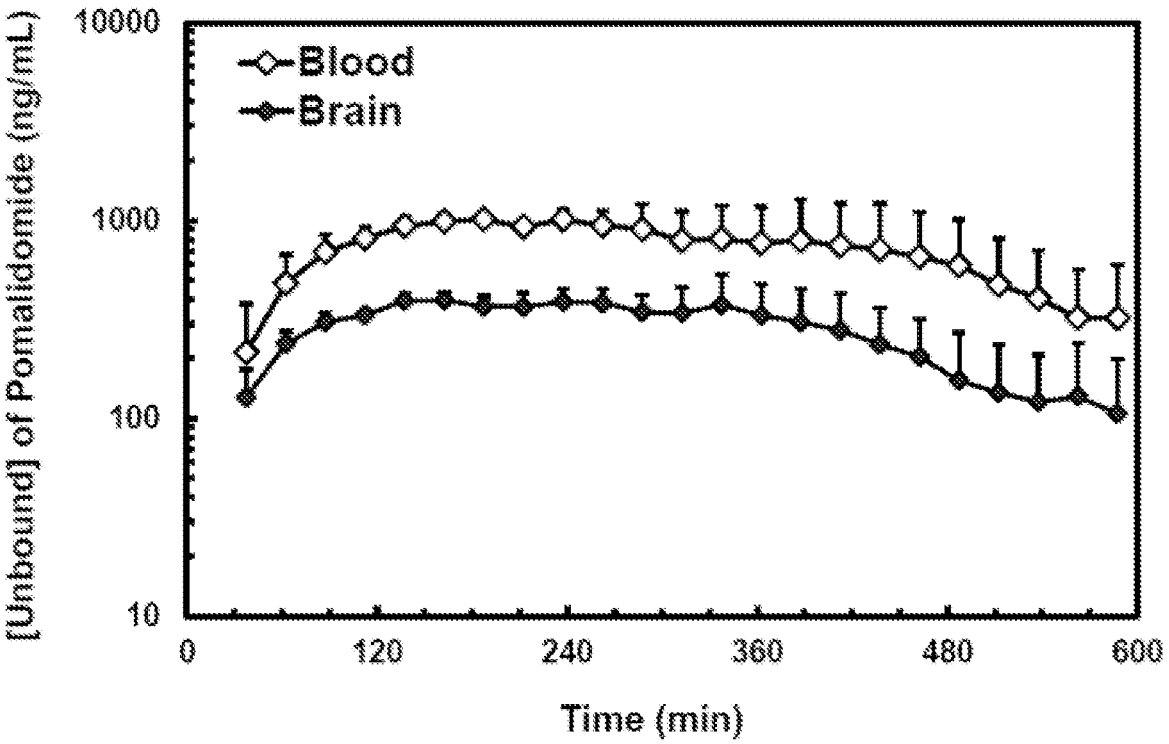
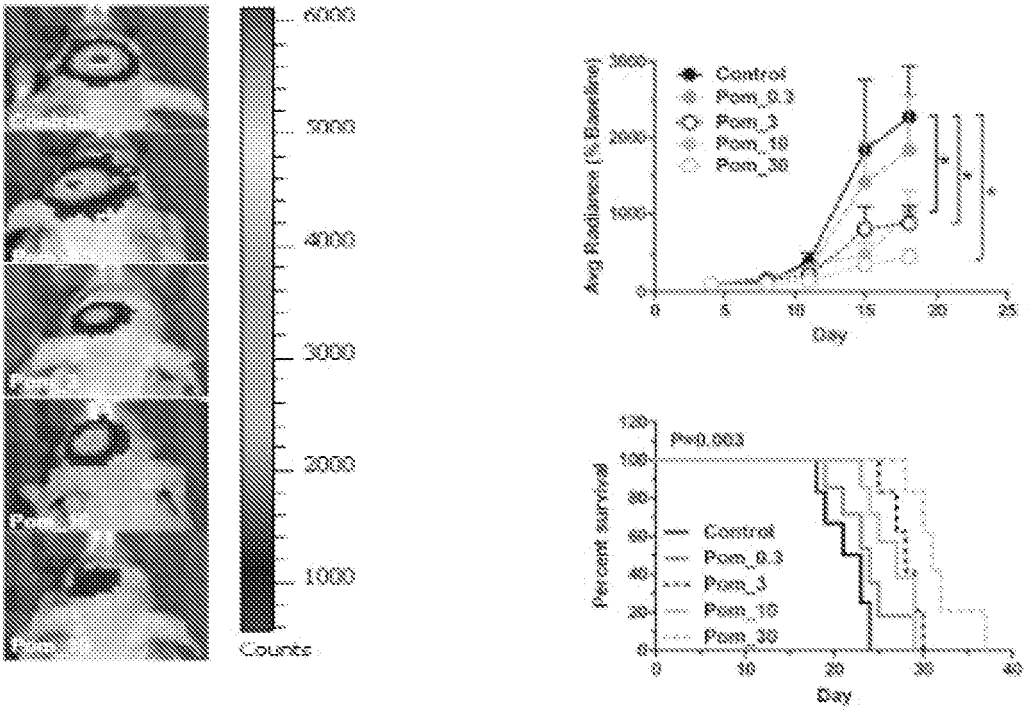

[Unbound] of Pomalidomide (ng/mL)
10000
1000
100
10
Blood
Brain
0
120
240
360
480
600
Time (min)

FIGURE 1

A. Raji CNS lymphoma model



B. OCI-LY10 CNS lymphoma model

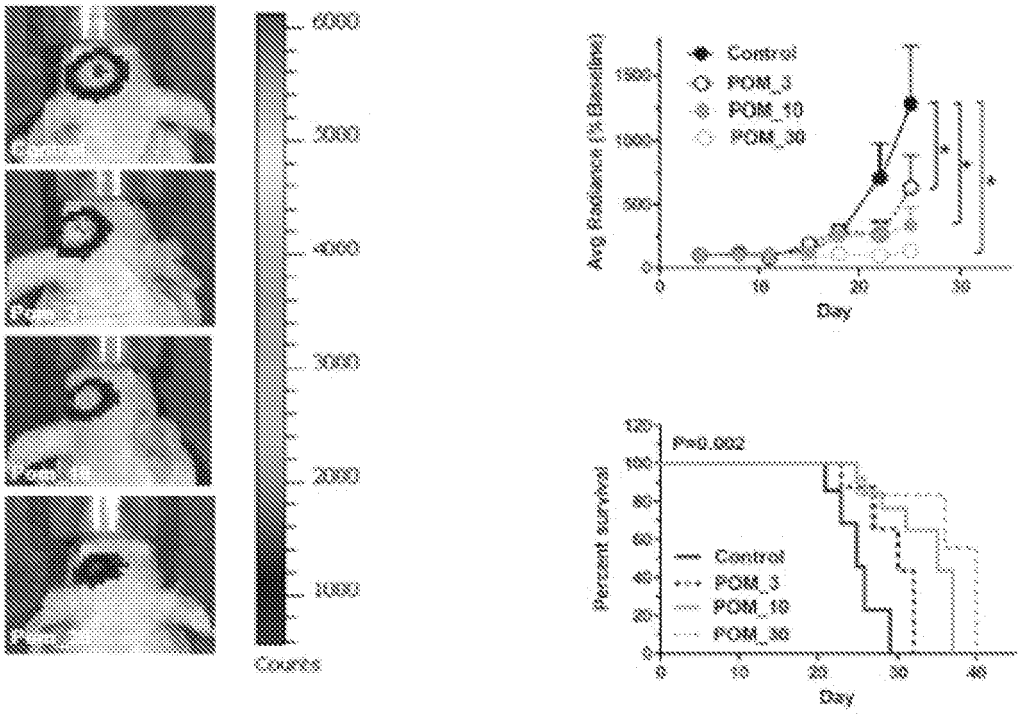


FIGURE 2

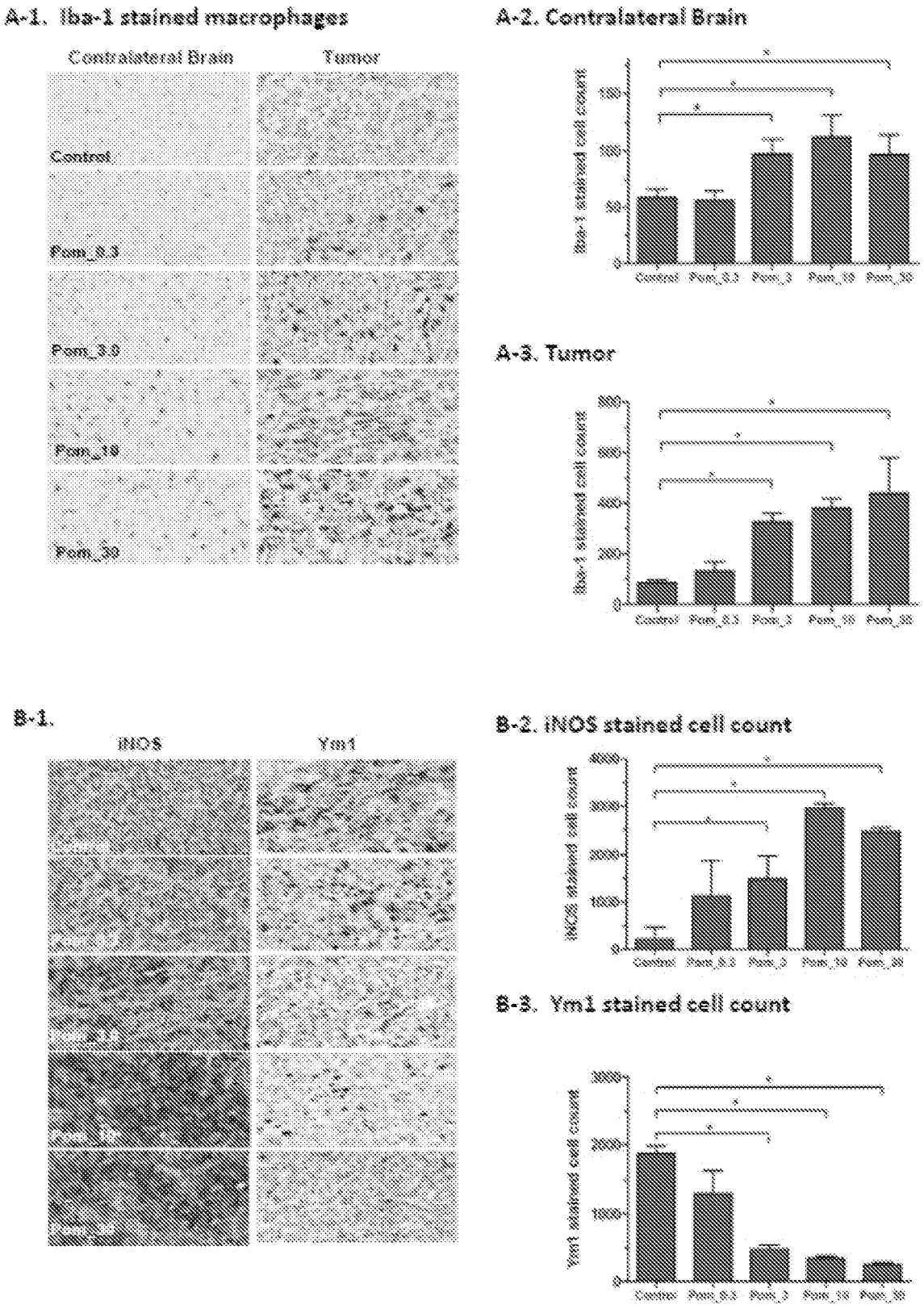
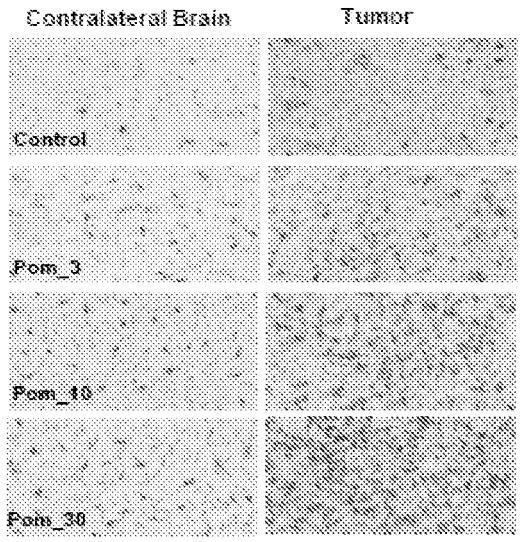
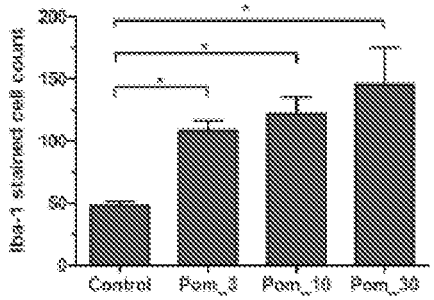

A-1. Iba-1 stained macrophages
Contralateral Brain
Tumor
Control
Pom_0.3
Pom_3.0
Pom_10
Pom_30
A-2. Contralateral Brain
Iba-1 stained cell count
A-3. Tumor
Iba-1 stained cell count
B-1.
iNOS
Ym1
B-2. iNOS stained cell count
iNOS stained cell count
B-3. Ym1 stained cell count
Ym1 stained cell count

FIGURE 3

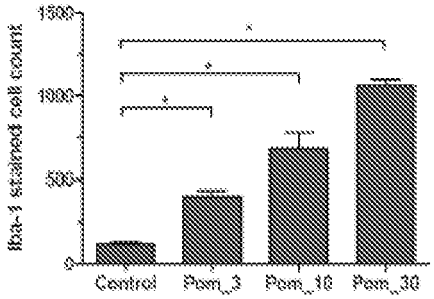
A-1. Iba-1 stained macrophages



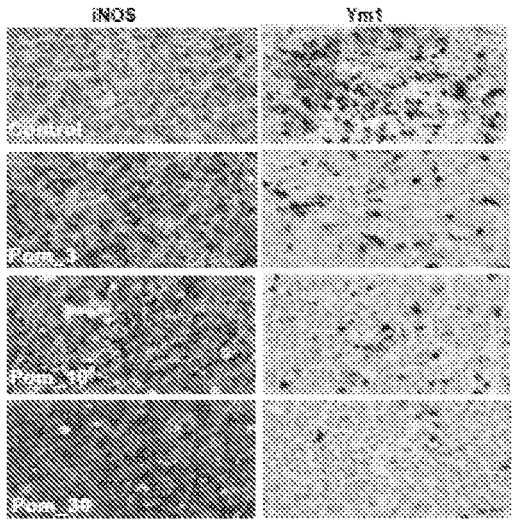
A-2. Contralateral Brain



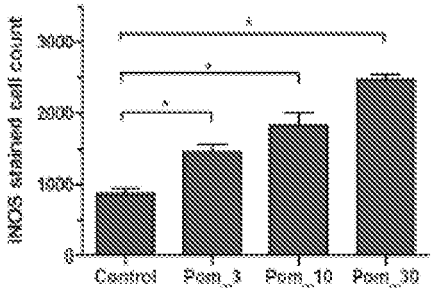
A-3. Tumor



B-1.



B-2. iNOS stained cell count



B-3. Ym1 stained cell count

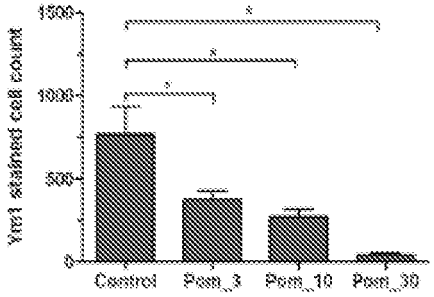
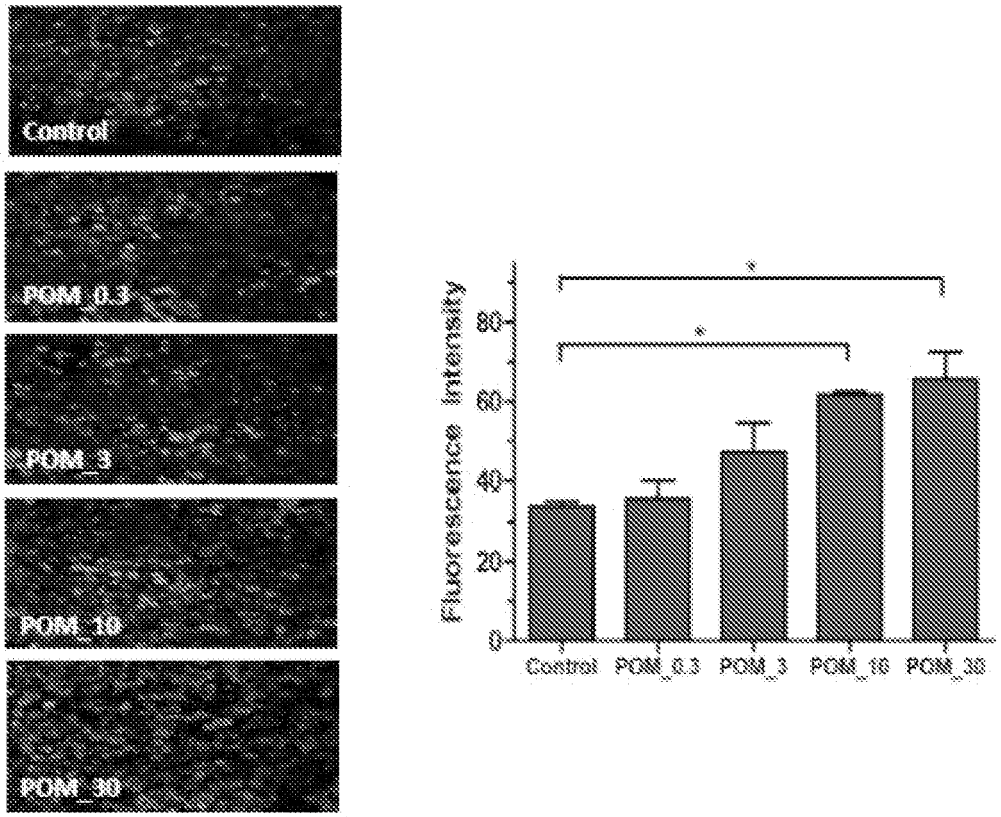


FIGURE 4

A. Raji CNS lymphoma model



B. OCI-LY10 CNS lymphoma model

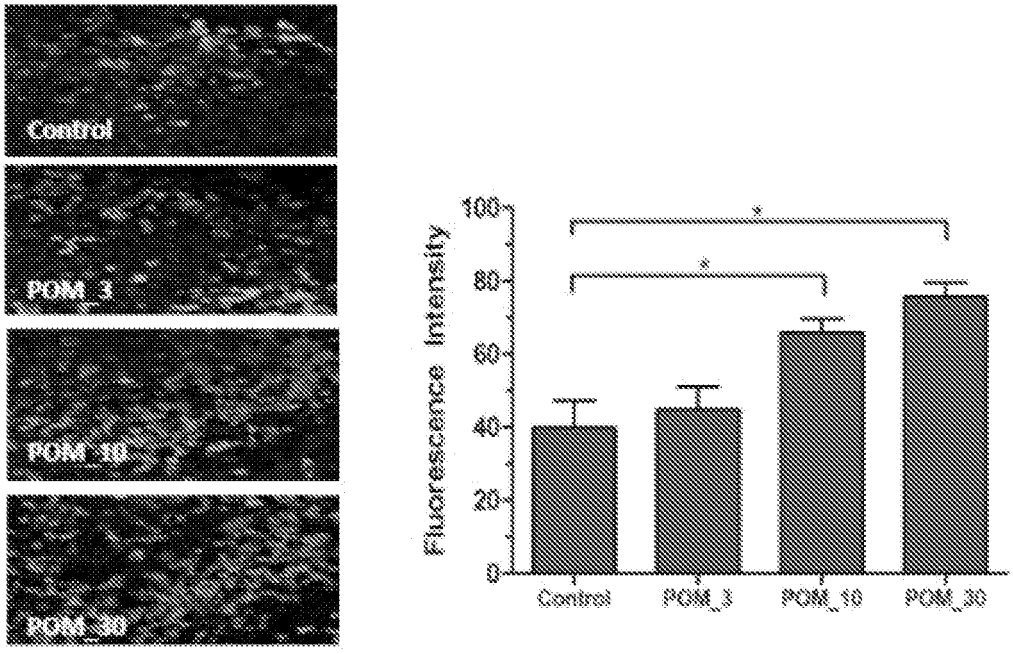


FIGURE 5

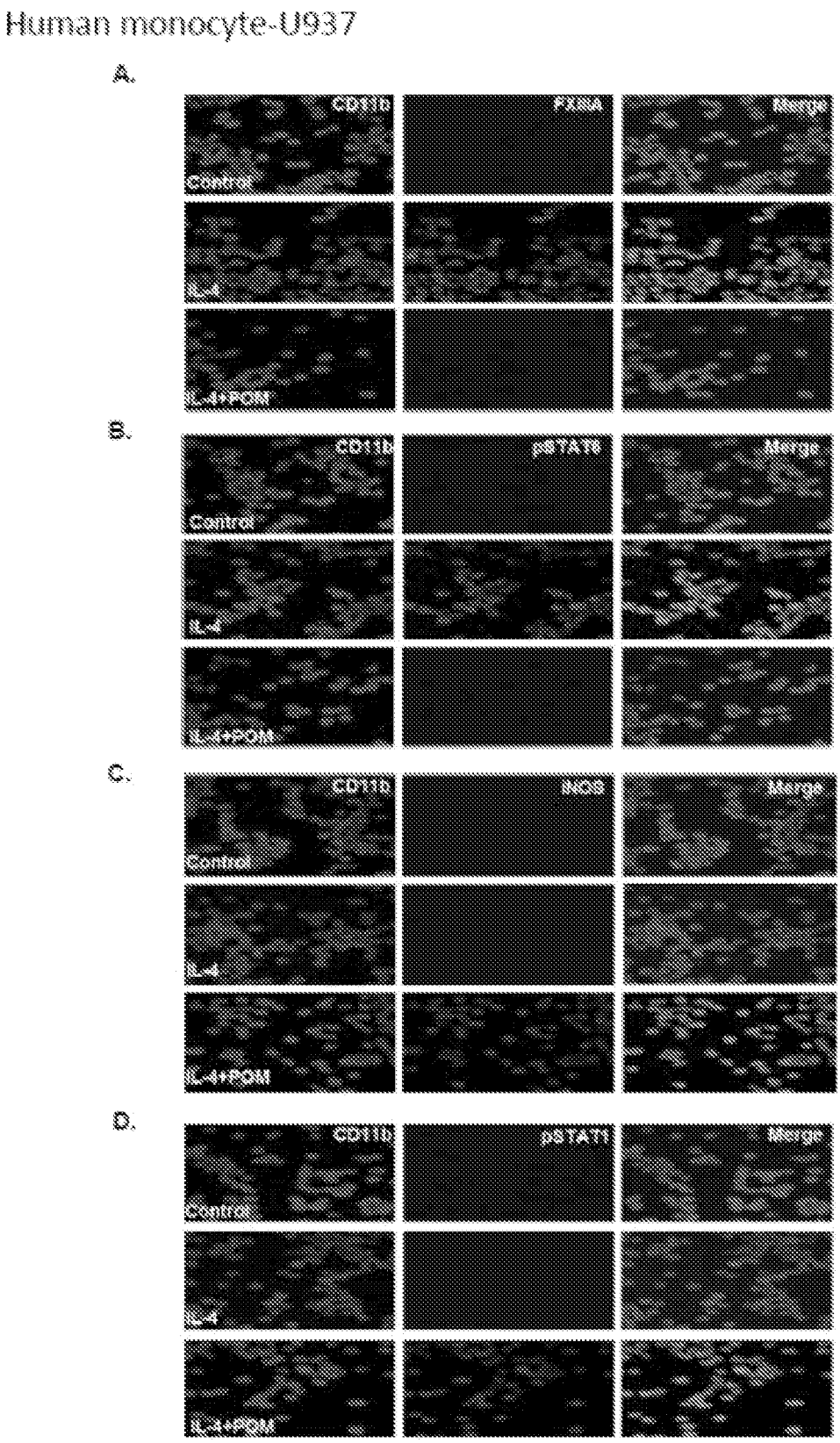
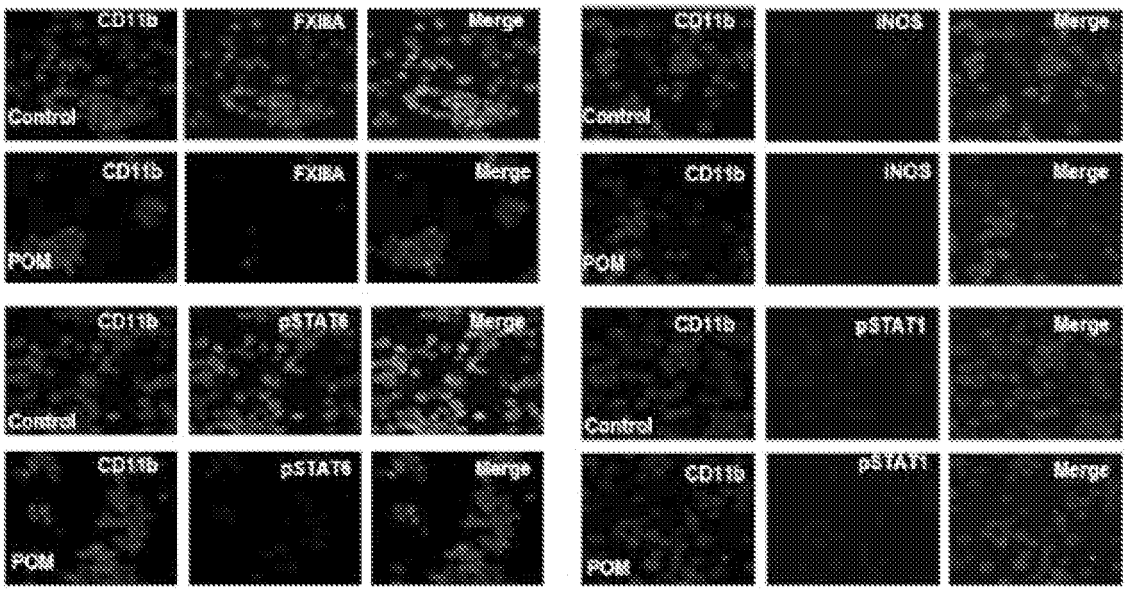

Human monocyte-U937
A.
CD11b
PXR/A
Merge
Control
IL-4
IL-4+PGM
B.
CD11b
pSTAT6
Merge
Control
IL-4
IL-4+PGM
C.
CD11b
iNOS
Merge
Control
IL-4
IL-4+PGM
D.
CD11b
pSTAT1
Merge
Control
IL-4
IL-4+PGM

FIGURE 6

A. Co-culture: Raji + U937



B. Triple-culture: Raji+U937+YTS

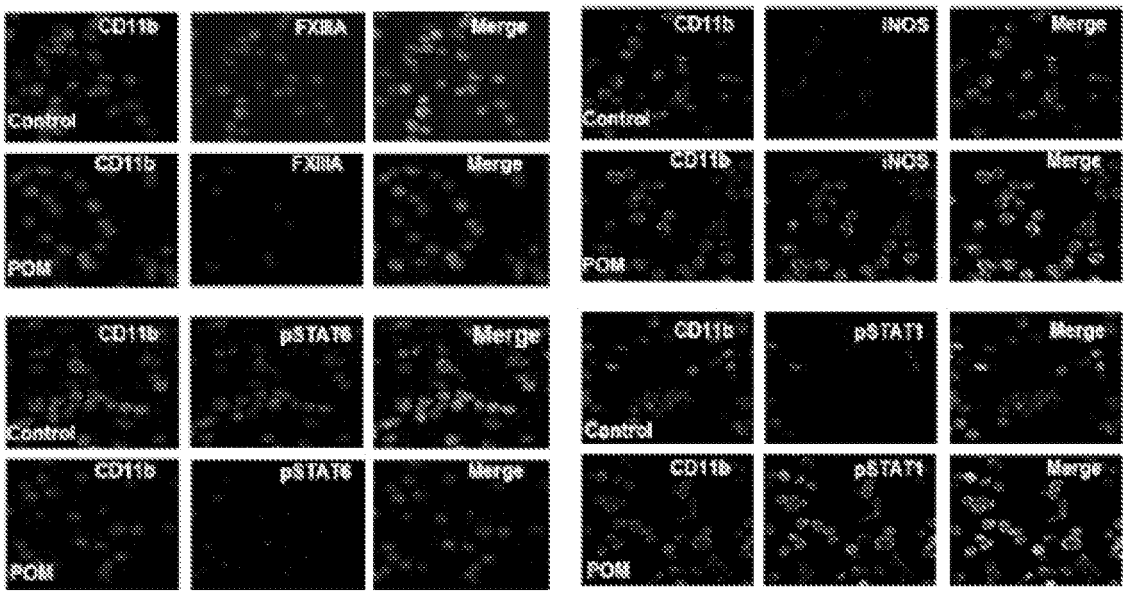
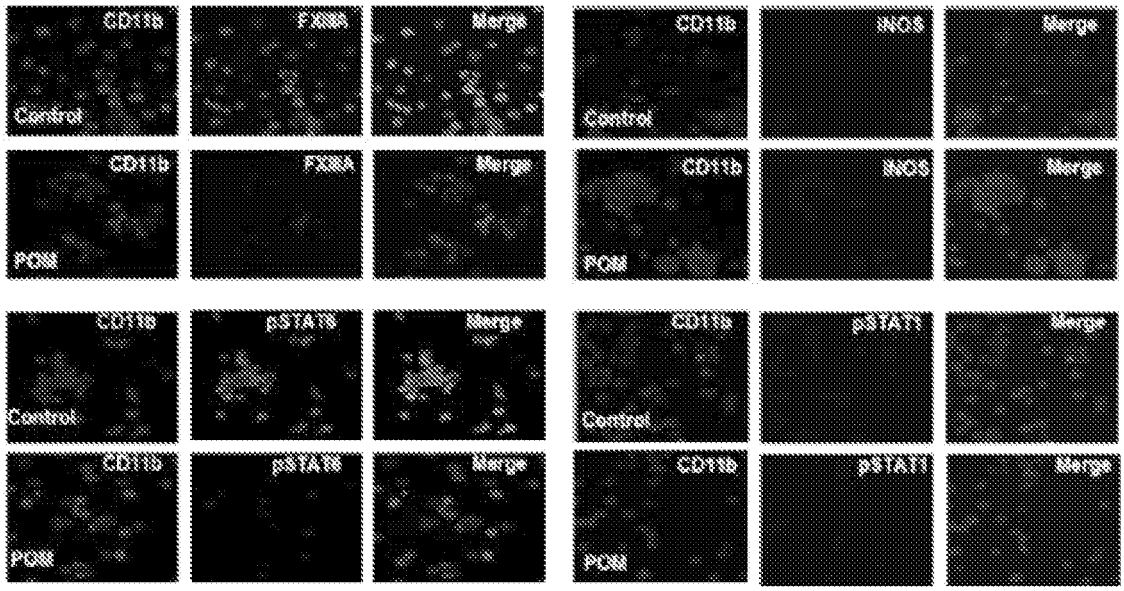


FIGURE 7

A. Co-culture: OCI-LY10 + U937



B. Triple-culture: OCI-LY10+U937+YTS

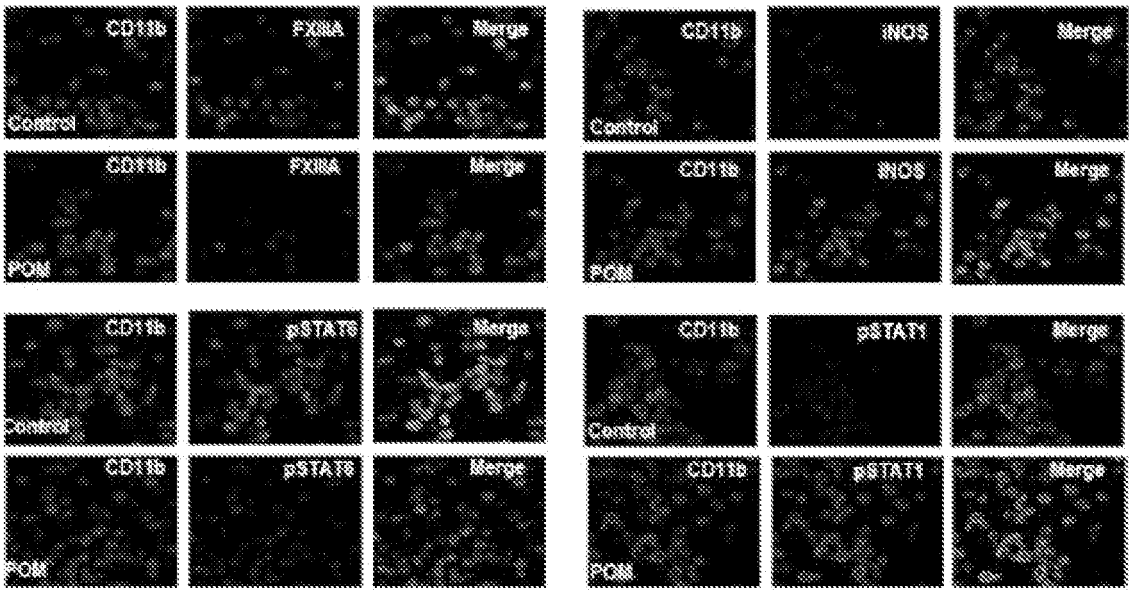
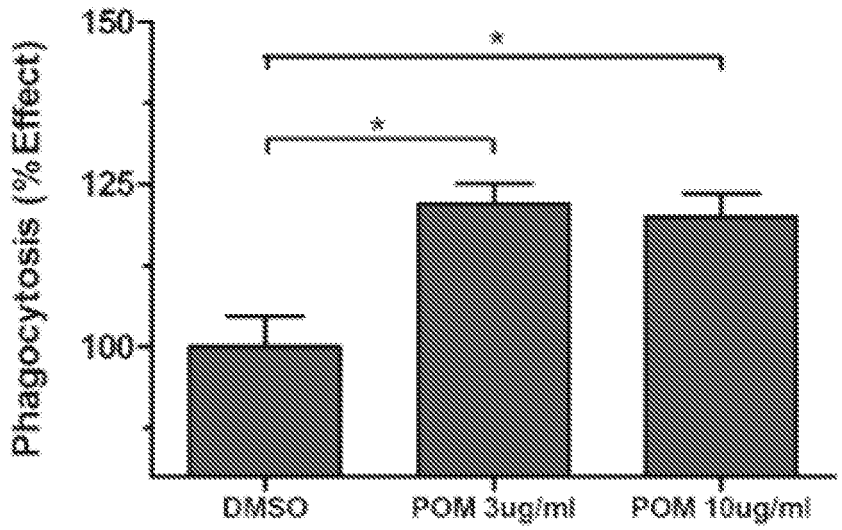


FIGURE 8

A. Primary microglia cells



B. Human monocytes U937

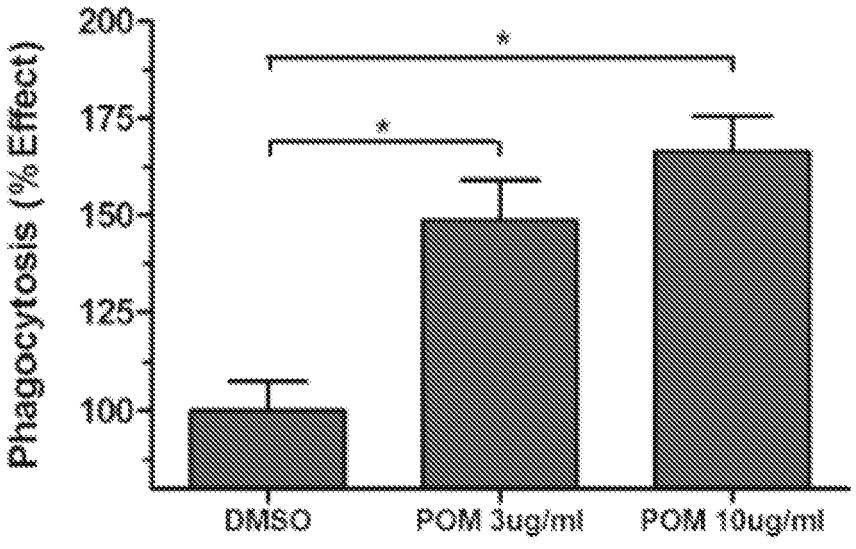


FIGURE 9

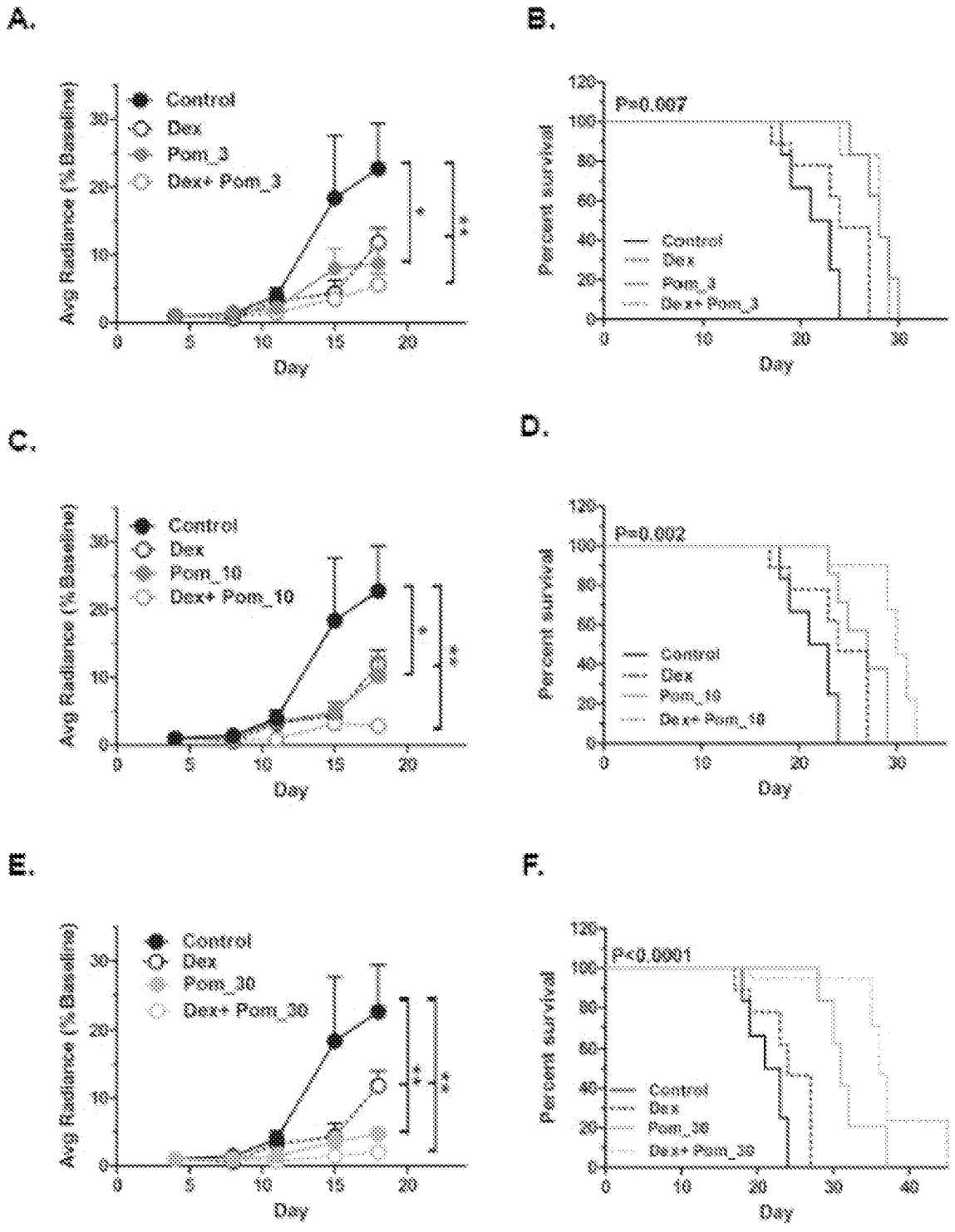

A.
Avg Radiance (% Baseline)
Control
Dex
Pom_3
Dex+ Pom_3
Day
B.
Percent survival
P=0.007
Control
Dex
Pom_3
Dex+ Pom_3
Day
C.
Avg Radiance (% Baseline)
Control
Dex
Pom_10
Dex+ Pom_10
Day
D.
Percent survival
P=0.002
Control
Dex
Pom_10
Dex+ Pom_10
Day
E.
Avg Radiance (% Baseline)
Control
Dex
Pom_30
Dex+ Pom_30
Day
F.
Percent survival
P<0.0001
Control
Dex
Pom_30
Dex+ Pom_30
Day

FIGURE 10

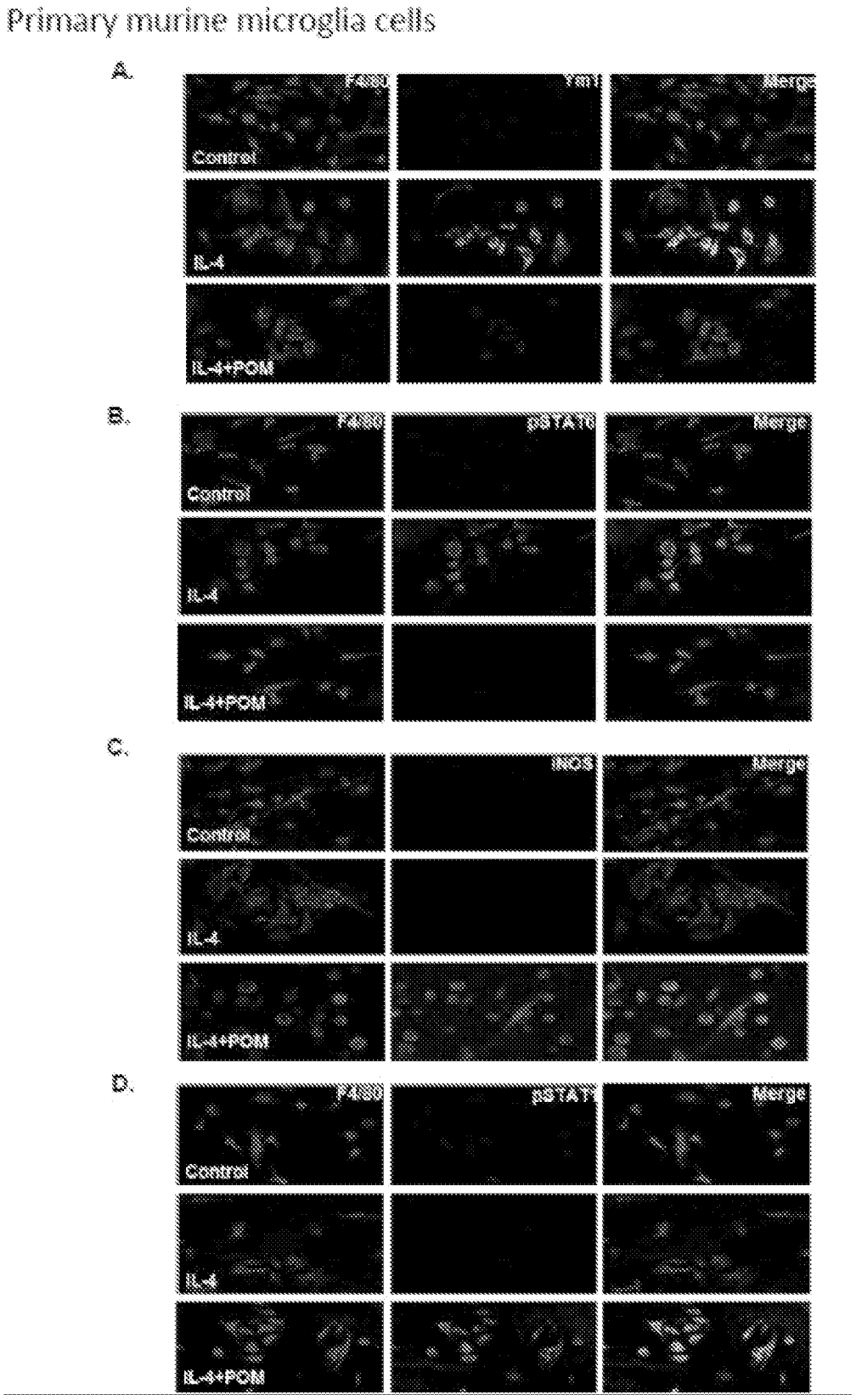

Primary murine microglia cells
A.
F4/80
Ym1
Merge
Control
IL-4
IL-4+PGM
B.
F4/80
pSTAT6
Merge
Control
IL-4
IL-4+PGM
C.
iNOS
Merge
Control
IL-4
IL-4+PGM
D.
F4/80
pSTAT1
Merge
Control
IL-4
IL-4+PGM

FIGURE 11

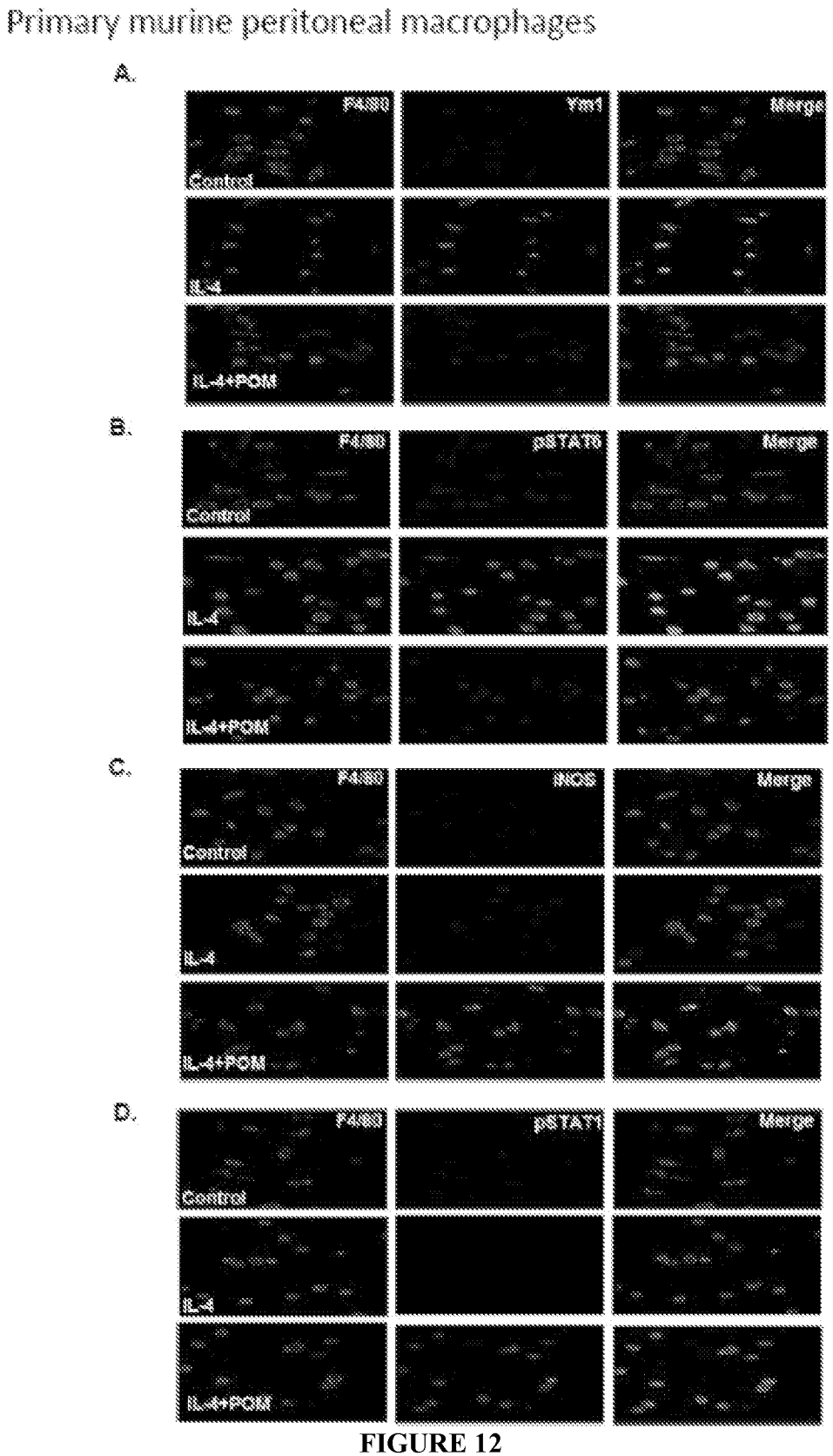
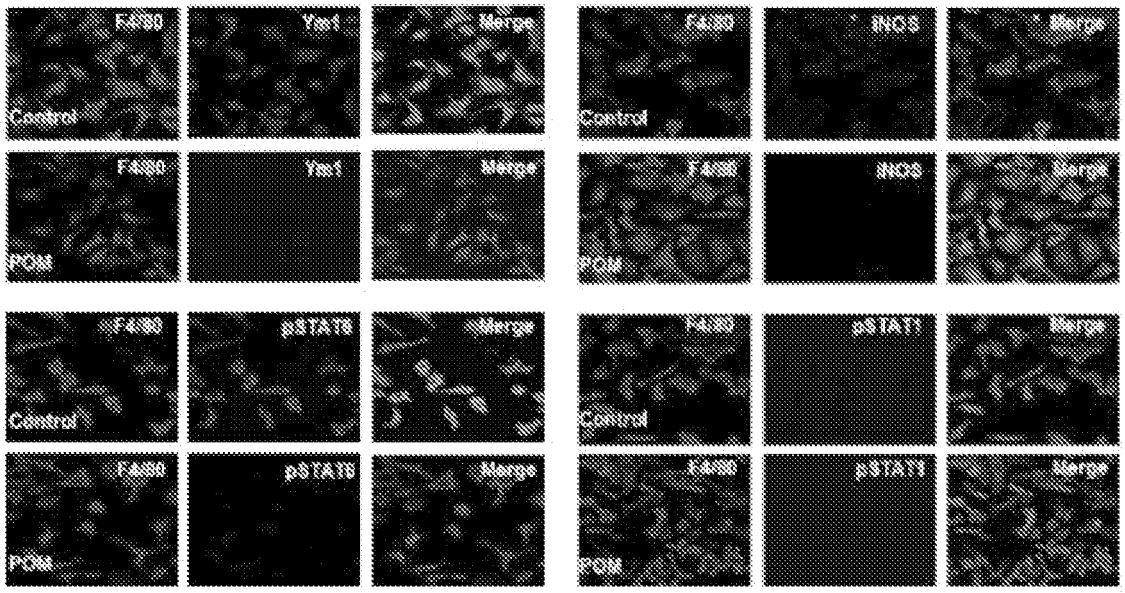

Primary murine peritoneal macrophages
A.
F4/80
Ym1
Merge
Control
IL-4
IL-4+POM
B.
F4/80
pSTAT6
Merge
Control
IL-4
IL-4+POM
C.
F4/80
iNOS
Merge
Control
IL-4
IL-4+POM
D.
F4/80
pSTAT1
Merge
Control
IL-4
IL-4+POM

FIGURE 12

A. Co-culture: Raji+Microglia



B. Triple-culture : Raji+Microglia+NK

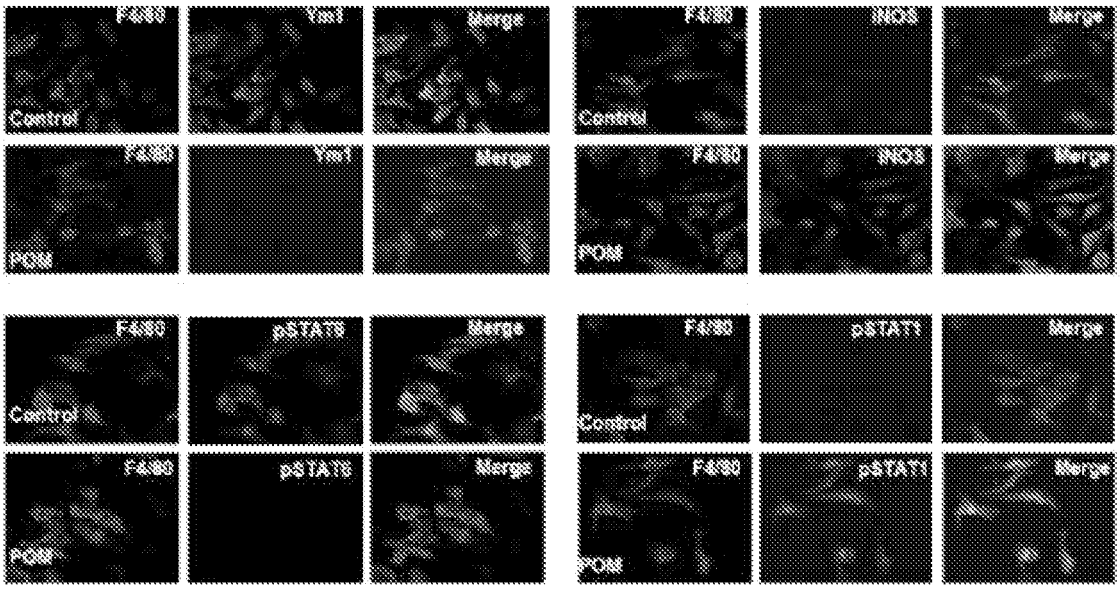
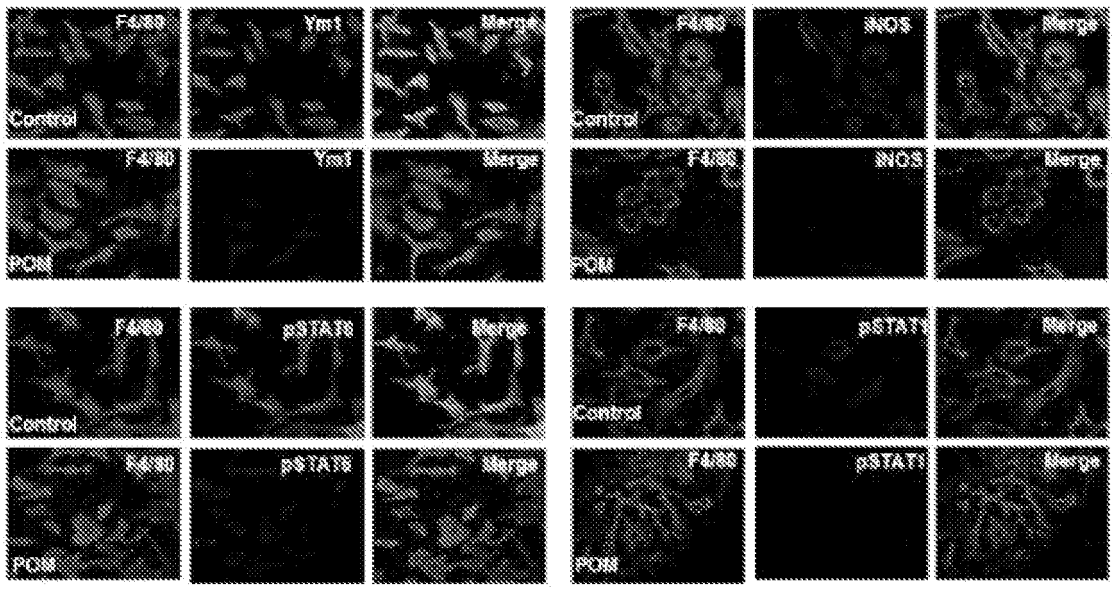


FIGURE 13

A. Co-culture: OCI-LY10+Microglia



B. Triple-culture : OCI-LY10+Microglia+NK

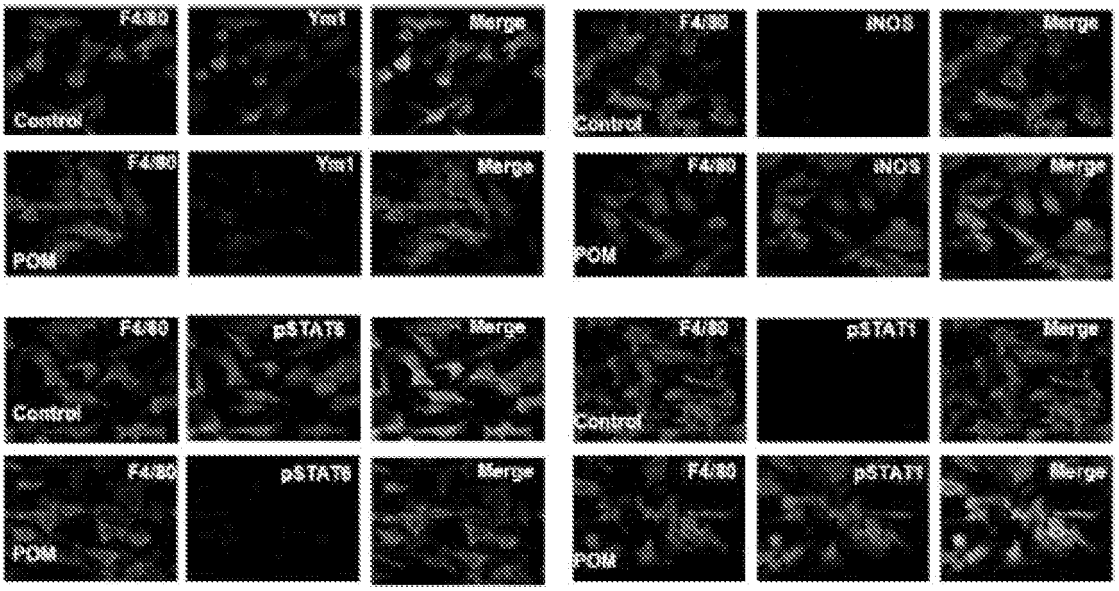


FIGURE 14