FIGURE 1

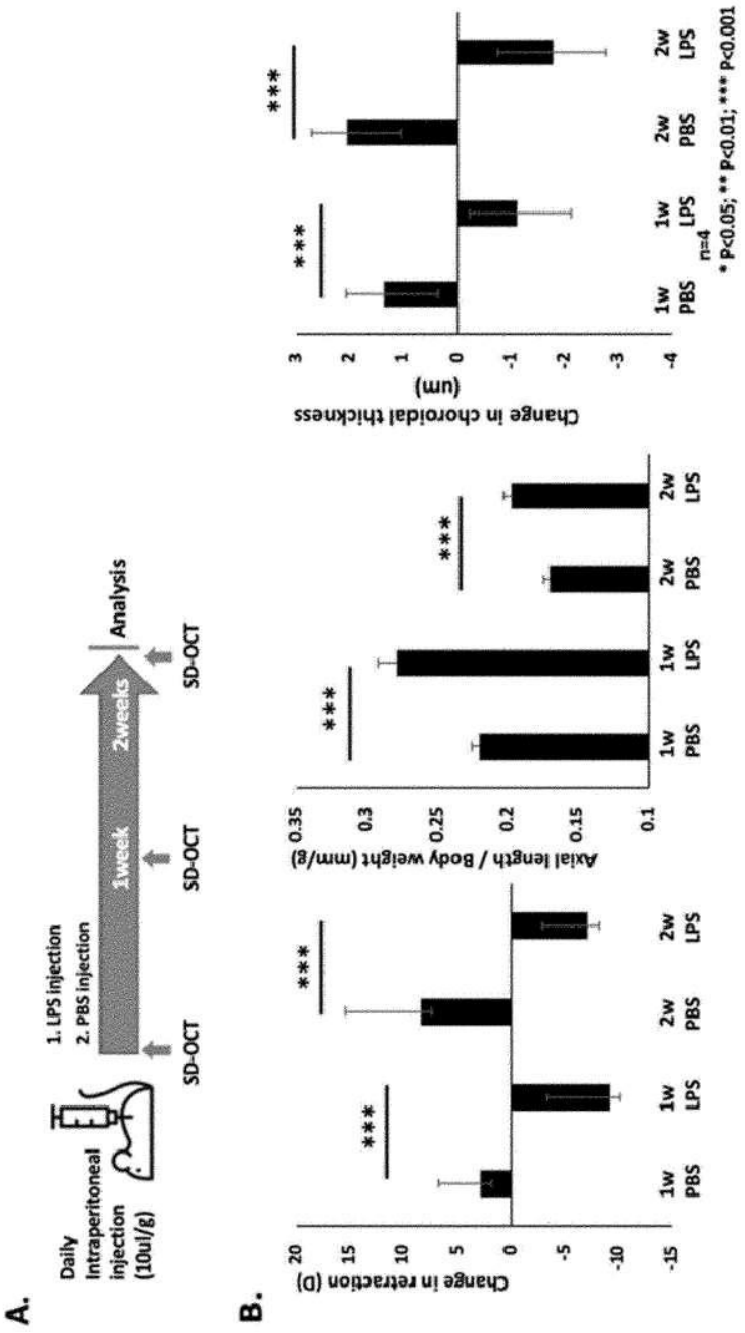
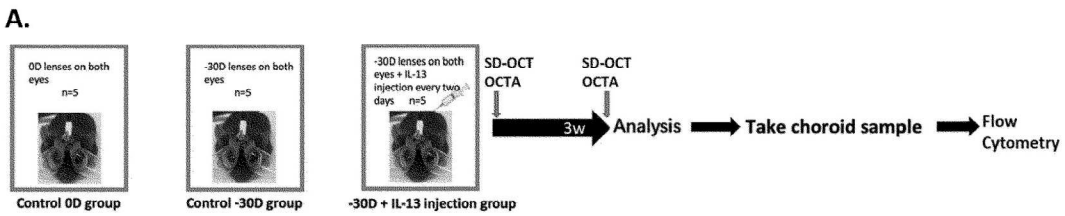
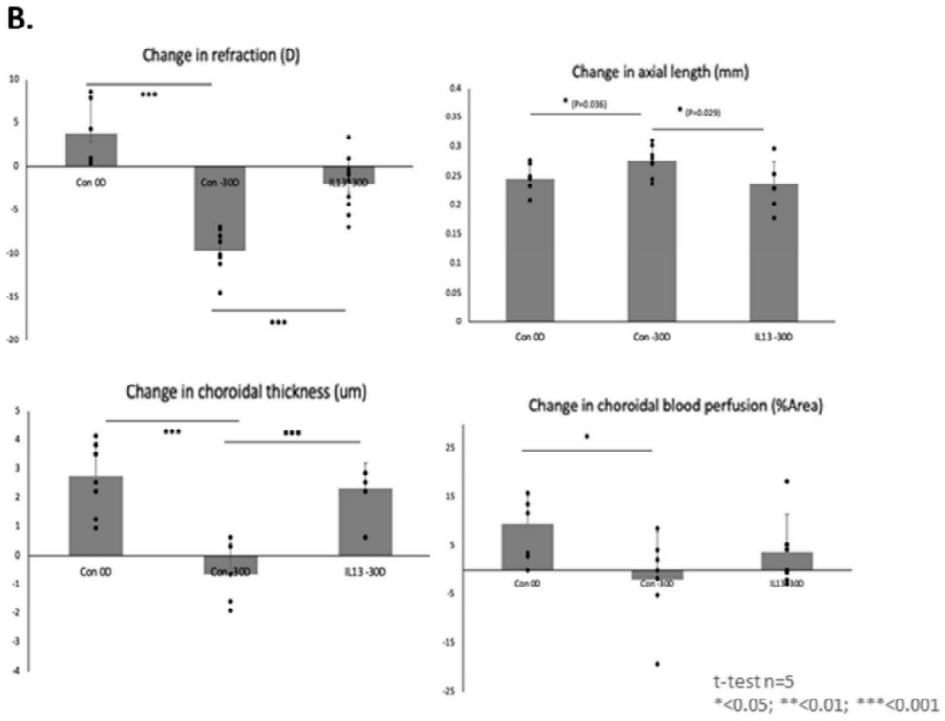
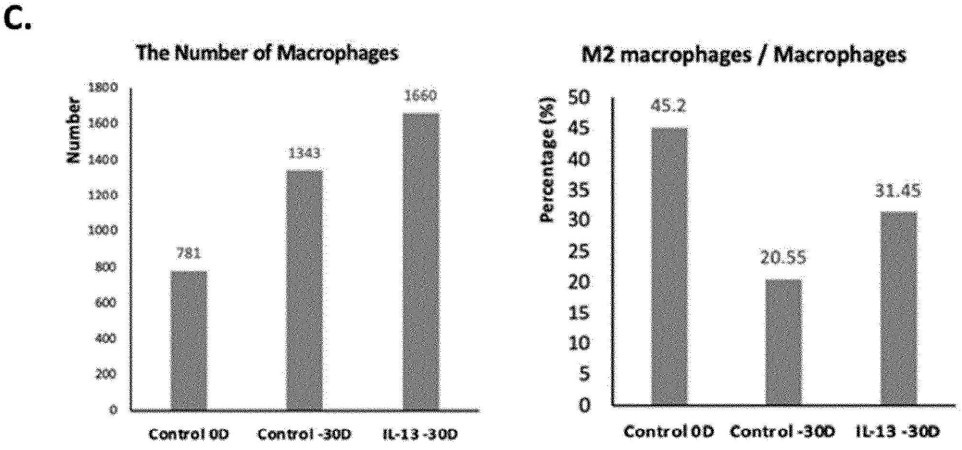

A.
Daily
Intraperitoneal
injection
(10ul/g)
1. LPS injection
2. PBS injection
1week
2weeks
Analysis
SD-OCT
SD-OCT
SD-OCT
B.
Change in retraction (D)
Axial length / Body weight (mm/g)
Change in chorodial thickness
(um)
***
1w PBS
1w LPS
2w PBS
2w LPS
n=4
* P<0.05; ** P<0.01; *** P<0.001

FIGURE 6


A.
0D lenses on both eyes n=5
-30D lenses on both eyes n=5
-30D lenses on both eyes + IL-13 injection every two days n=5
SD-OCT OCTA
SD-OCT OCTA
3w
Analysis
Take choroid sample
Flow Cytometry
Control 0D group
Control -30D group
-30D + IL-13 injection group


B.
Change in refraction (D)
Change in axial length (mm)
Change in choroidal thickness (um)
Change in choroidal blood perfusion (%Area)
Con 0D
Con -30D
IL13 -30D
t-test n=5
*<0.05; **<0.01; ***<0.001


C.
The Number of Macrophages
Number
781
1343
1660
Control 0D
Control -30D
IL-13 -30D
M2 macrophages / Macrophages
Percentage (%)
45.2
20.55
31.45
Control 0D
Control -30D
IL-13 -30D