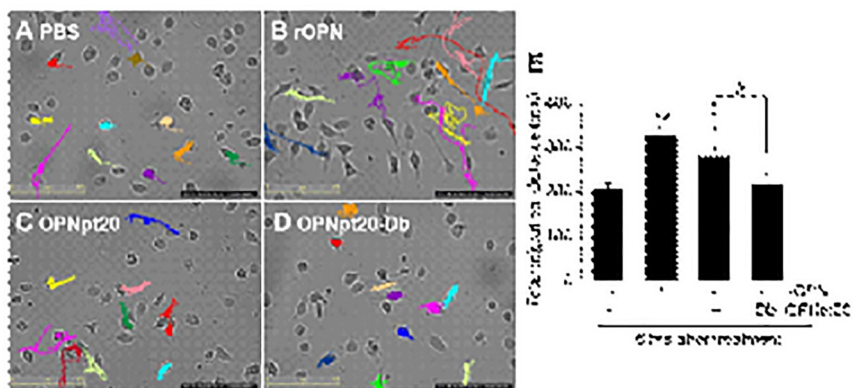


Supplementary Figure 1.



Supplementary Figure 1. Induction of cell motility by OPNpt20 in primary microglial culture

Primary microglia cells were incubated with rhOPN (B, 1 $\mu\text{g/ml}$), OPNpt20 (C, 1 $\mu\text{g/ml}$), or OPNpt20-Db (D, 1 $\mu\text{g/ml}$) for 6 hrs and cell motilities were monitored using a live cell imaging analyzer at every 6 min. Motile trajectory of each cell after 6 hrs are presented (A-D) and mean total migration distances over 6 hrs (E) are presented as means \pm SEMs (n=10). *p < 0.05, **p < 0.01 versus PBS-treated controls, # p < 0.05 versus OPNpt20-treated controls. Scale bars represent 125 μm .