

Online Resource 13

Microglial cell loss after ischemic stroke favors brain neutrophil accumulation

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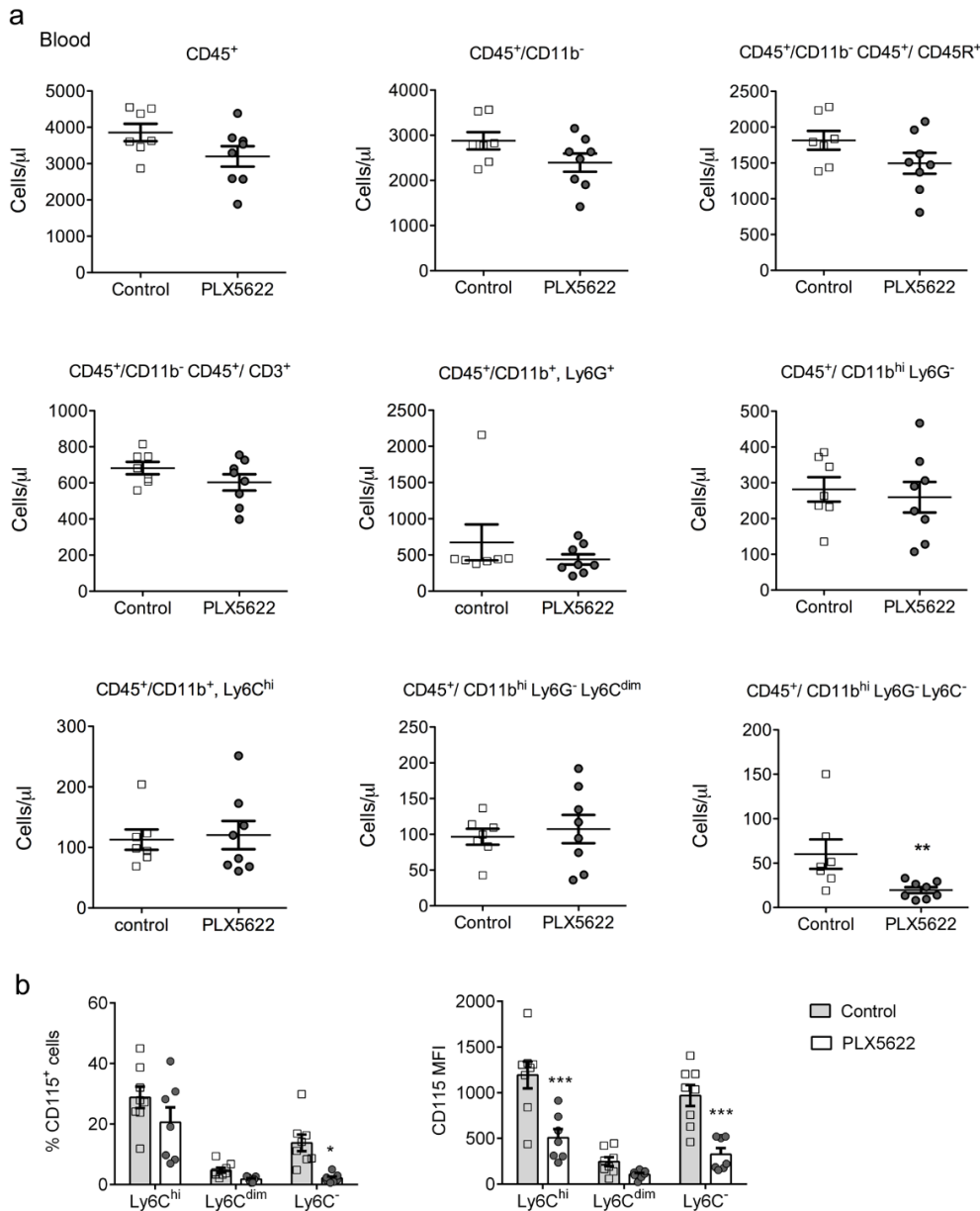
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Online Resource 13. Blood cell counts in mice. Mice received control diet (n=7) or PLX5622 (n=8) diet for 3 weeks prior to ischemia and were studied 4 days post-ischemia. a) Amongst the different leukocyte populations, we only found statistically significant differences in a subset of Ly6C negative monocytes that decreased in mice receiving PLX5622 (Mann-Whitney test, **p=0.006). b) Analysis of expression of CD115 (CSF1R) within the Monocyte subpopulations defined according to the level of Ly6C expression. The percentage of CD115⁺ cells decreased within the Ly6C⁻ population (Two-way ANOVA by treatment and monocyte subset with subject matching followed by the Bonferroni test, *p<0.05). The mean fluorescence intensity (MFI) of CD115 decreased in the populations of Ly6C^{hi} and Ly6C⁻ monocytes (Two-way ANOVA by treatment and monocyte subset with subject matching followed by the Bonferroni test, ***p<0.001). Bars represent the mean $\pm$ SEM and symbols correspond to values of the different mice.