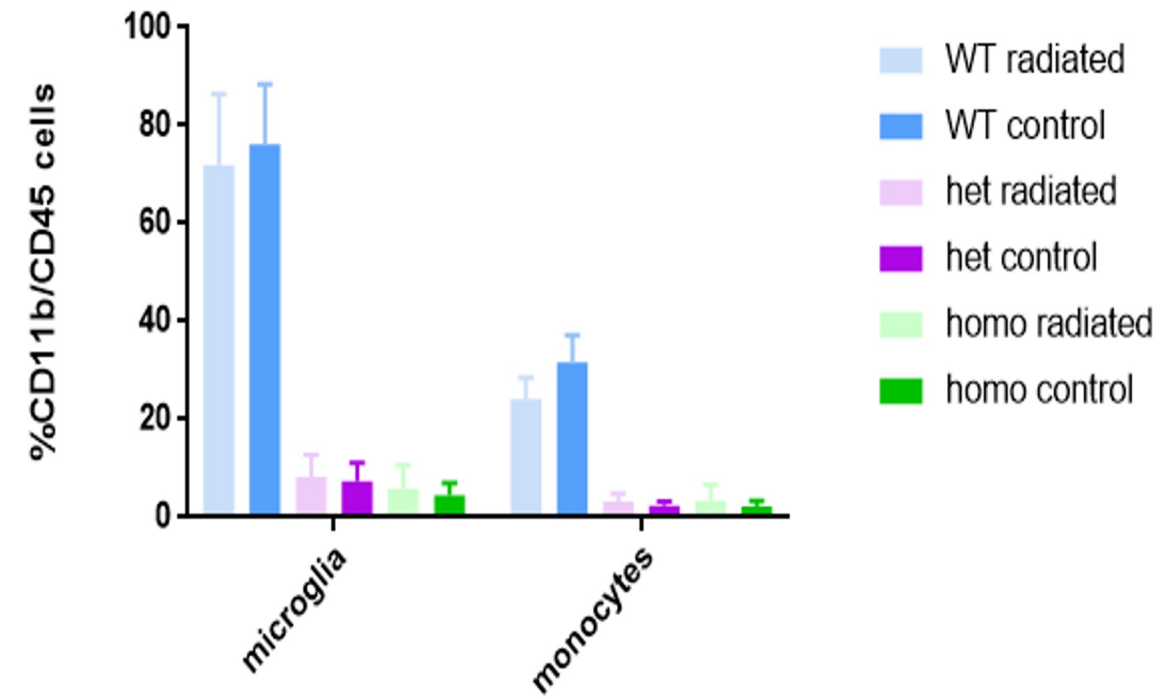


**B Percentage of CD11bCD45 cells in WT and Cx3Cr1het/ho**



**Supplementary Figure S5**

- A) Number of Iba1-positive cells per cubic millimeter, comparison of the vascular layers, no significant difference between the superficial and deep vascular layer in the irradiated eye or on the contralateral side, tendency: on the irradiated side increased accumulation of Iba1- positive cells in the superficial vascular layer in the retina of the Cx3cr1gfp/gfp genotype than in the retina of the Cx3cr1gfp/+ genotype ( $p = 0,075$ ).
- B) FACS-Analysis, WT (n=5) Cx3cr1 heterozygote (n=7) and homozygote (n=10) females 6 months after irradiation: there is a significant decrease of CD11bCD45 positive cells in the het and ho compared to WT. There is no irradiation - effect seen on the cell populations.