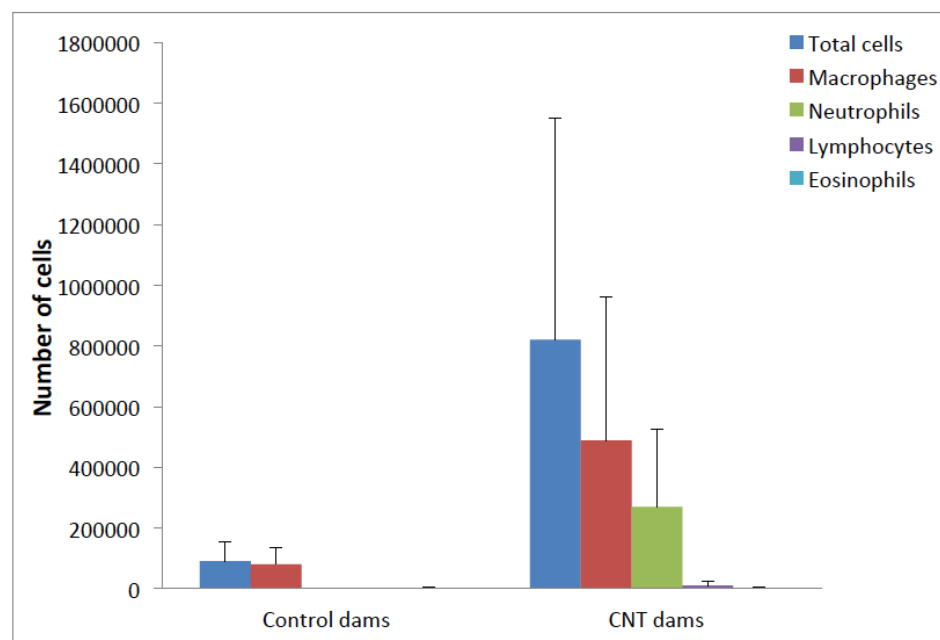


Supplementary Material

The Murine Lung Microbiome Changes During Lung Inflammation and Intranasal Vancomycin Treatment

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Supplementary Fig. (1). Airway inflammation in female dams 6 weeks following intratracheal instillation of PBS or 67 μ g multiwalled carbon nanotubes (CNTs)(NM-400). Female mice were exposed to CNTs the day before mating. Lung lavage was performed 6 weeks later, i.e. shortly after weaning of pups. Mean and standard deviation of $n=9-10$ dams is shown. Statistically significant differences (examined by one-way ANOVA) were found between the two groups for the total number of cells ($p<0.001$), the number of macrophages ($p<0.001$), neutrophils ($p<0.001$), lymphocytes ($p<0.001$), but not for the number of eosinophils ($p=0.188$).