



**eFigure 12 Age-related immune cell subset composition in the CSF of MS patients and non-inflammatory controls.** Immune cell subset composition in the in the cerebrospinal fluid (CSF) of young ( $\leq 50$  years) and old ( $> 50$  years) non-inflammatory controls (NIC) (young  $n=60$ ; old  $n=25$ ) and patients with relapsing-remitting MS (RRMS) (young:  $n=41$ ; old:  $n=10$ ) and primary progressive MS (PPMS) (young:  $n=15$ ; old:  $n=21$ ). Demographic data of study subjects are depicted in eTable 2. **(A-B)** Total cell counts of CD4 and CD8 T cells **(A)** and HLA-DR-expressing CD4 and CD8 T cells **(B)**. **(C)** Absolute numbers of monocytes. **(D-E)** Total cell counts of NK cells **(D)**, CD56<sup>dim</sup>CD16<sup>+</sup> (differentiated) and CD56<sup>bright</sup>CD16<sup>dim/-</sup> (naïve) NK cells **(E)**. Data are displayed as boxplots of the median and the 25<sup>th</sup> and 75<sup>th</sup> percentile  $\pm$  IQR. Statistical analysis was conducted by two-tailed Mann-Whitney test. Differences were considered statistically significant with the following  $P$ -values: \* $P < 0.05$ , \*\* $P < 0.01$ , \*\*\* $P < 0.001$  and \*\*\*\* $P < 0.0001$