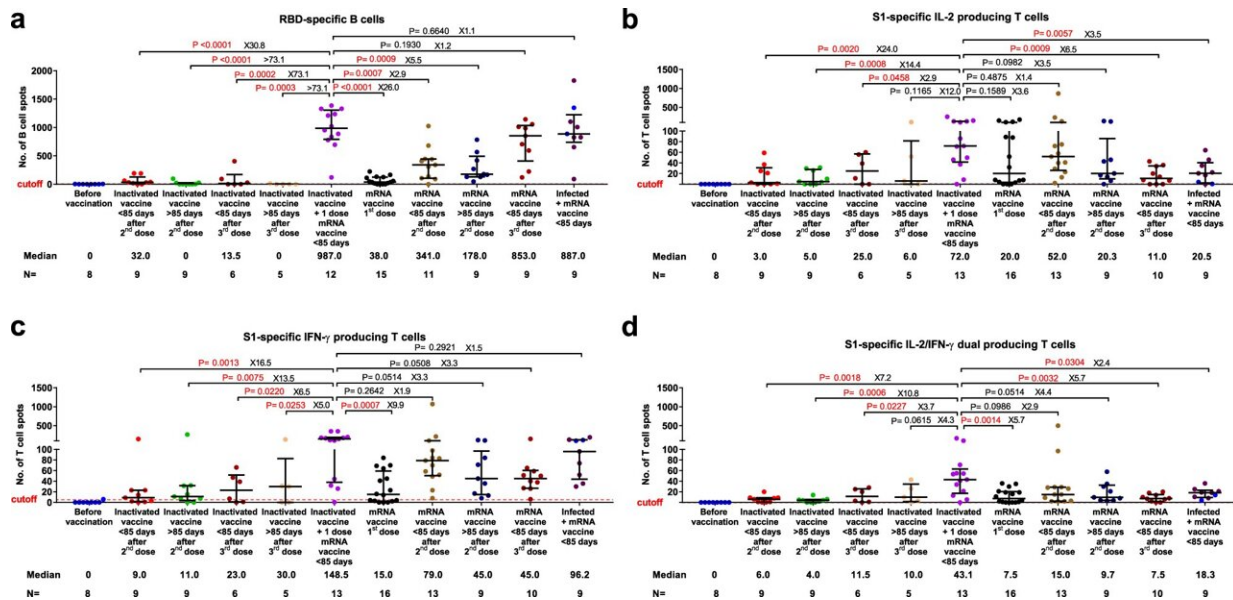


mRNA booster vaccines may be a good investment in developing countries

May 13 2022



Specific memory B and T cell responses in different vaccination groups. Receptor-binding domain (RBD)-specific, IgG producing memory B cell (a) and spike ectodomain 1 (S1)-specific T cell (b–d) responses in different groups of vaccinated individuals. Symbols represent individual subjects and horizontal black lines indicate the median. The cutoff-value (dashed red line) and number of fold differences of median between groups are indicated. As the median number of RBD-specific cells was 0 for two groups, the number of fold change differences compared to inactivated vaccine + one dose mRNA vaccine was estimated to be more than the highest calculated value (>73.1-fold). For each group, the number of samples (N =) and median number of specific B cells or T cells are shown below the X-axis. In the last group, convalescent donors were color-coded based on receiving one (purple) or two doses (cyan) of mRNA vaccines. Whiskers indicate the interquartile range. Two-sided Mann–Whitney U

test was used and P

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