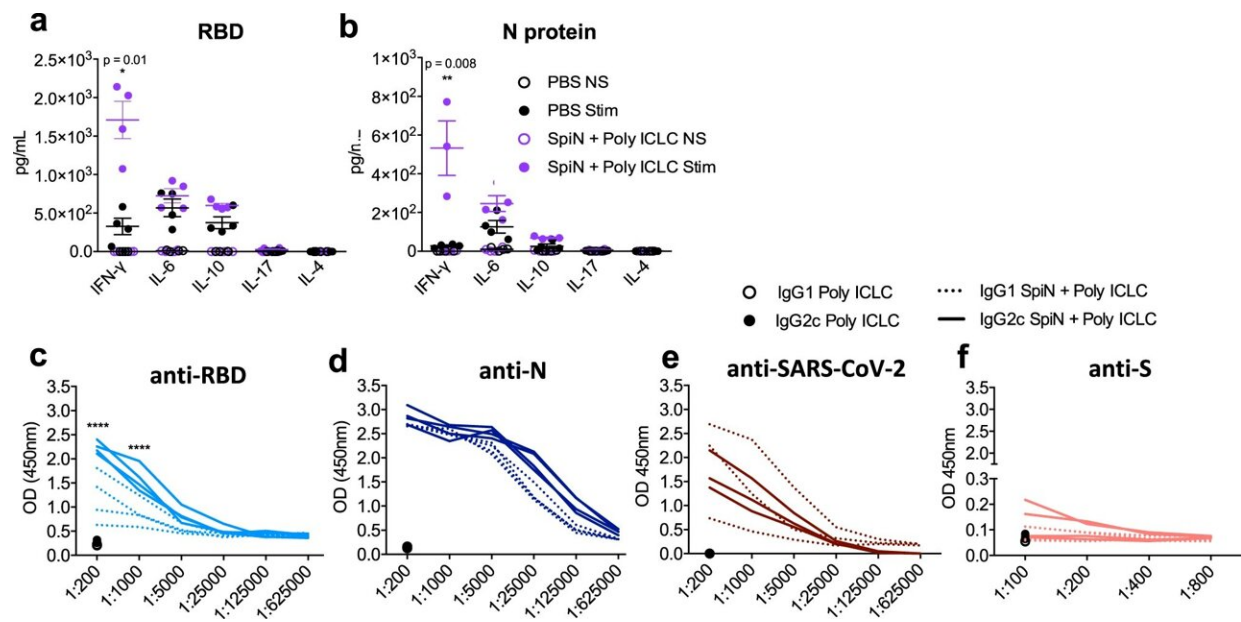


COVID-19 vaccine developed by Brazilian scientists is ready for clinical trials

October 6 2022, by Karina Toledo



Levels of cytokines and anti-SARS-CoV-2 IgG isotypes from mice immunized with SpiN. Levels of cytokines in the supernatant of splenocytes from control and vaccinated mice stimulated (stim) or not (NS) with the RBD (a) and N proteins (b), as measured by the cytometric bead array (CBA). The levels of IgG1 and IgG2c specific for RBD (c), N (d), SARS-CoV-2 (e) and S (f) proteins in sera from mice that received adjuvant alone (black symbols in the bottom) or were immunized with SpiN protein associated with Poly ICLC. Data are representative of two independent experiments, $n = 3-4$ mice/group. Statistical analysis of CBA was performed with multiple t tests, and antibody measurements were analyzed using Two-way ANOVA followed by Sidak's multiple comparisons test. **** P

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