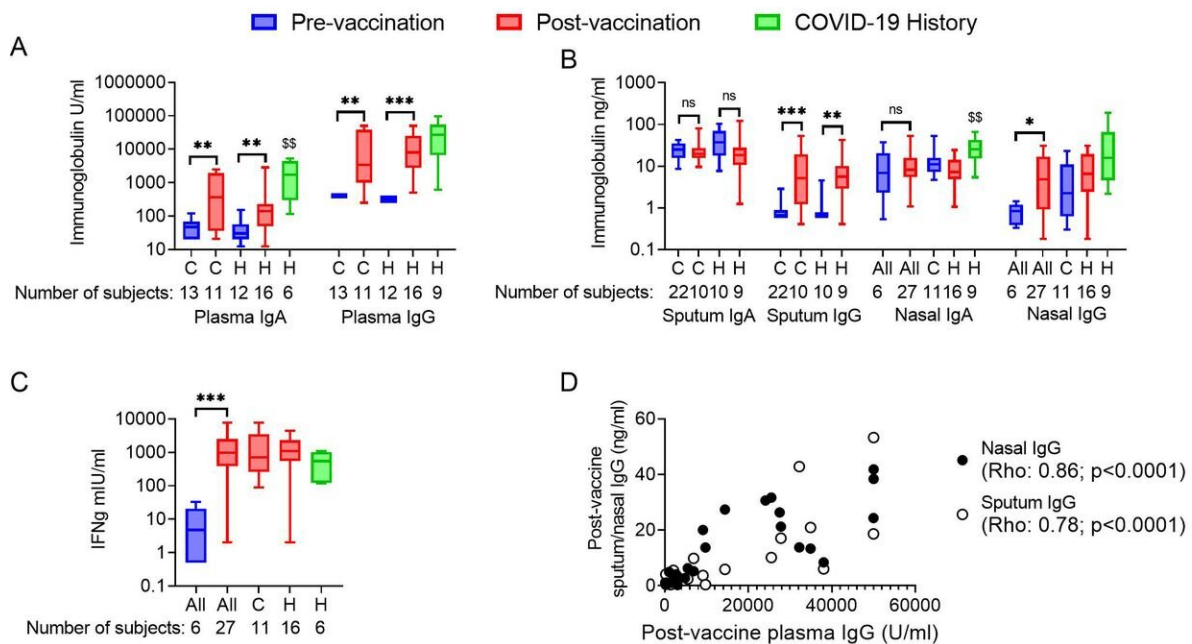


# COPD patients respond equally well to COVID-19 vaccine

June 22 2022, by Mike Addelman



Immune responses in COPD patients and Healthy controls following SARS-COV-2 vaccination or COVID-19 infection. Anti-spike IgA and IgG levels were measured in (a) plasma and (b) sputum and nasal samples by ELISA. (c) Cellular immunity in blood was assessed by measuring spike protein-induced IFN $\gamma$  by ELISA. Pre-vaccination results are colored in blue, post-vaccination in red and subjects with a history of COVID-19 in green. Pre- and post-vaccination levels were compared by Mann-Whitney test: \*p

Citation: COPD patients respond equally well to COVID-19 vaccine (2022, June 22) retrieved 23 April 2024 from

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