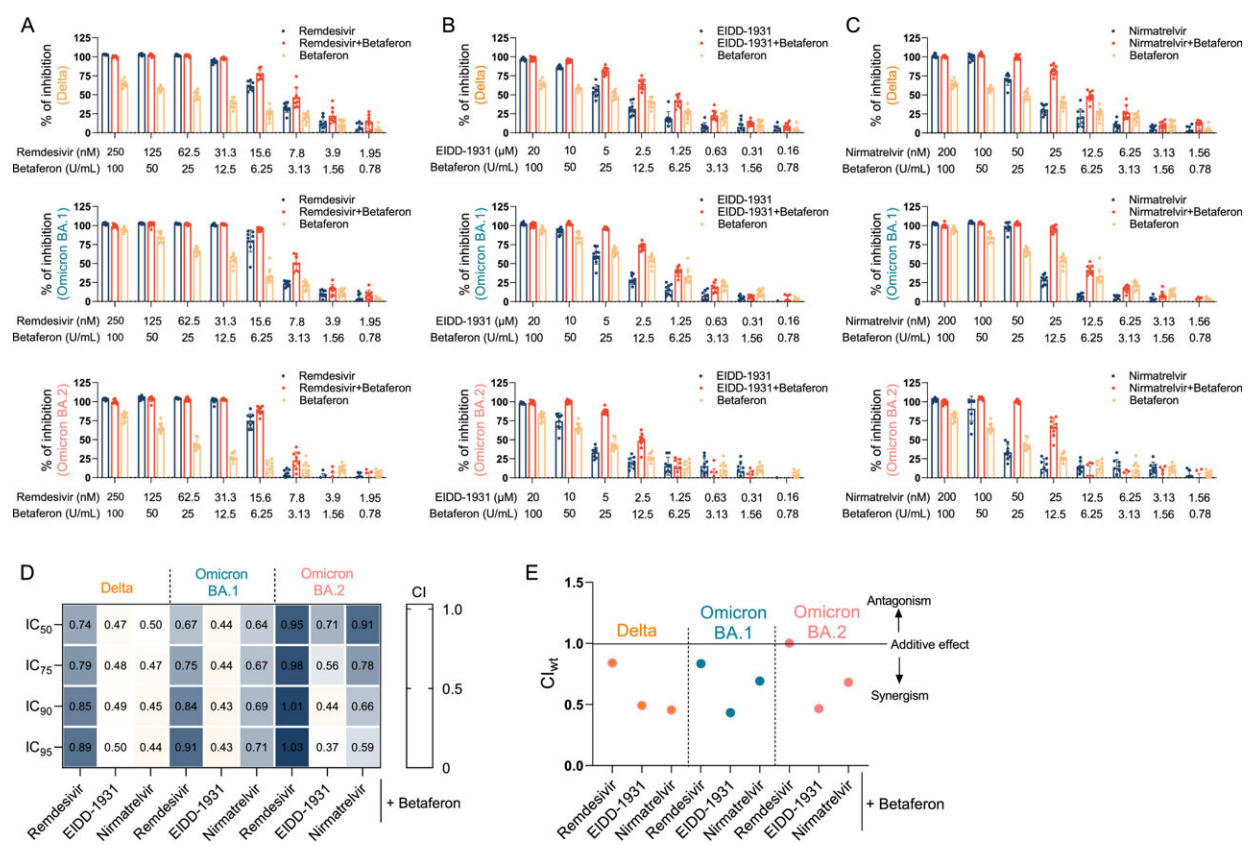# Identification of effective combination therapies for COVID-19 that may reduce the formation of novel variants

August 8 2022, by Anke Sauter

Antiviral effects of approved anti-SARS-CoV-2 drugs in combination with interferon-β (betaferon) against delta, omicron BA.1, and omicron BA.2 isolates. Betaferon was tested in fixed combinations combination with remdesivir (A), EIDD-1931 (B), or nirmatrelvir (C) in SARS-CoV-2 (MOI 0.01)-infected Caco-2-F03 cells. Values represent mean ± S.D. of three independent experiments. D) Combination indices were calculated at the IC_{50}, IC_{75}, IC_{90}, and

IC_{95} levels following the method of Chou and Talalay. E) The weighted average CI value (CI_{wt}) was calculated according to the formula:
CI_{wt} [CI_{50} + 2CI_{75} + 3CI_{90} + 4CI_{95}]/10. A CI_{wt}