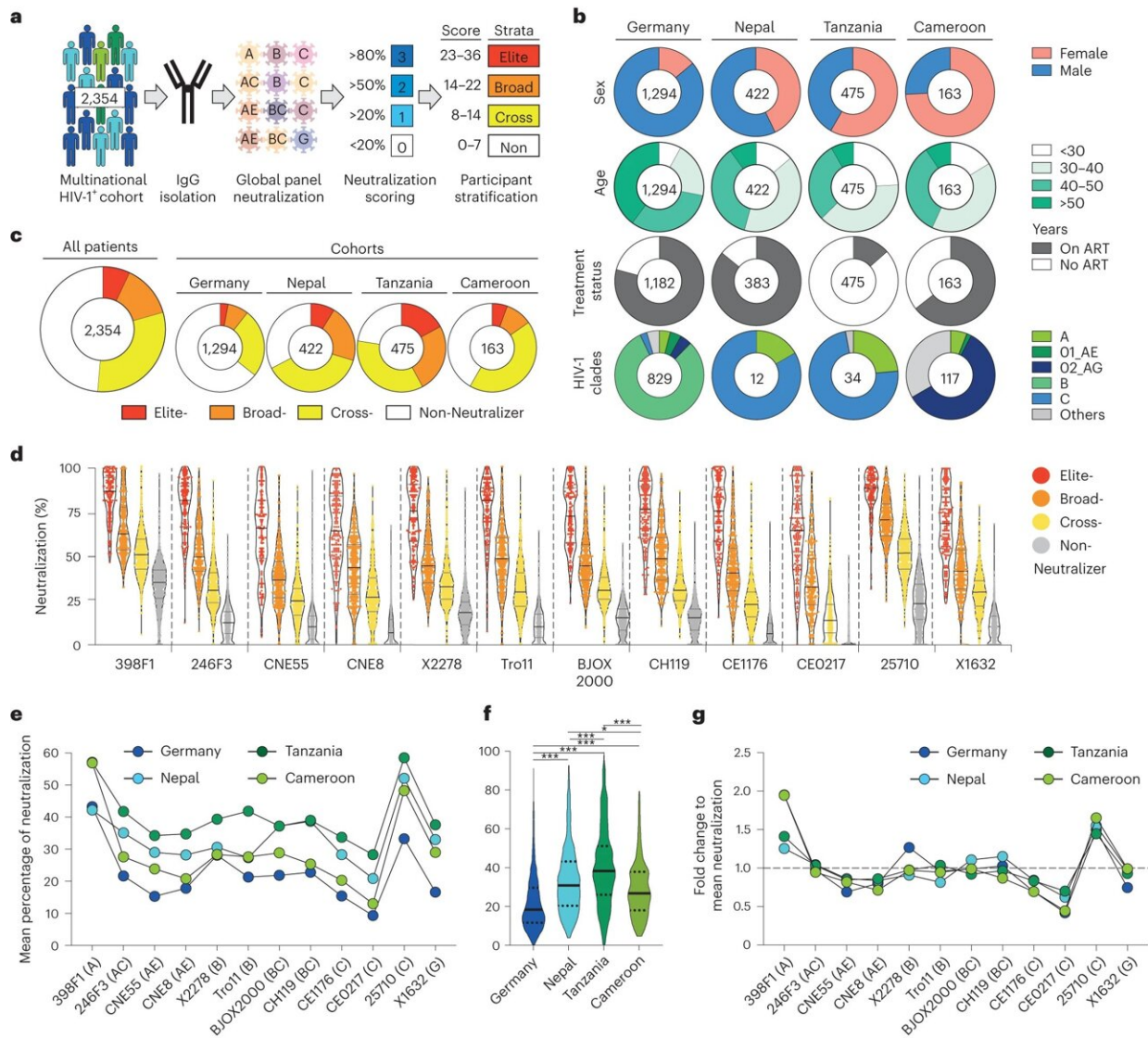


Another step toward the HIV-1 vaccine: Dynamics of neutralizing antibodies

November 14 2023



Neutralization screening of a large multinational cohort. **a**, Isolated IgGs of 2,354 HIV-1-infected individuals from a multinational study were tested against

the global panel. The neutralization against each of the 12 viruses received a score between 0 and 3. Scores were later added to build neutralization strata. **b**, Clinical and virological characteristics of individuals from the different countries. Numbers indicate the amount of people for whom the respective characteristic was available. **c**, Neutralization strata of all individuals and of each respective cohort. **d**, Violin plots of the neutralization of participants' IgGs against the global panel pseudoviruses. Individuals were stratified according to the strata as shown in **c**. Black bars indicate median, and gray bars indicate the respective quartiles. **e**, Average neutralization of each cohort against the respective 12 global panel viruses. **f**, Violin plots show the average neutralization against the whole global panel (Germany, $n = 1,294$; Nepal, $n = 422$; Tanzania, $n = 475$ and Cameroon, $n = 163$). Black bars indicate median, and dotted bars indicate the respective quartiles. One-way ANOVA with Tukey's correction for multiple comparisons was used to compare average neutralization between groups. $*P = 0.021$, $***P$

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