

**Figure 1.**

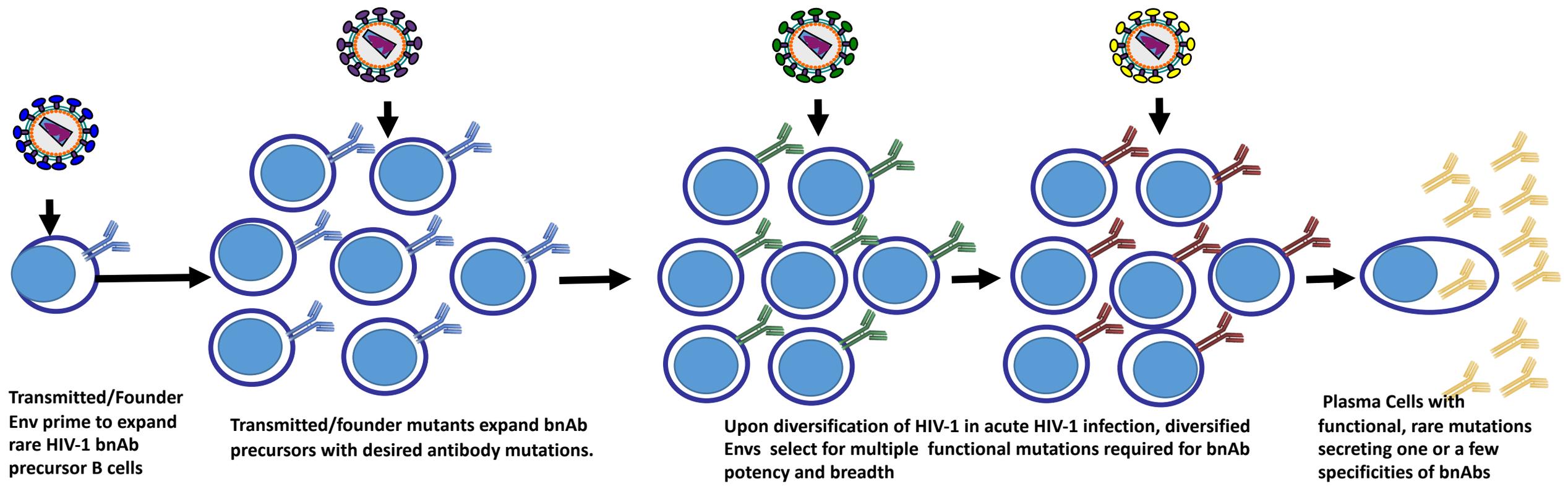
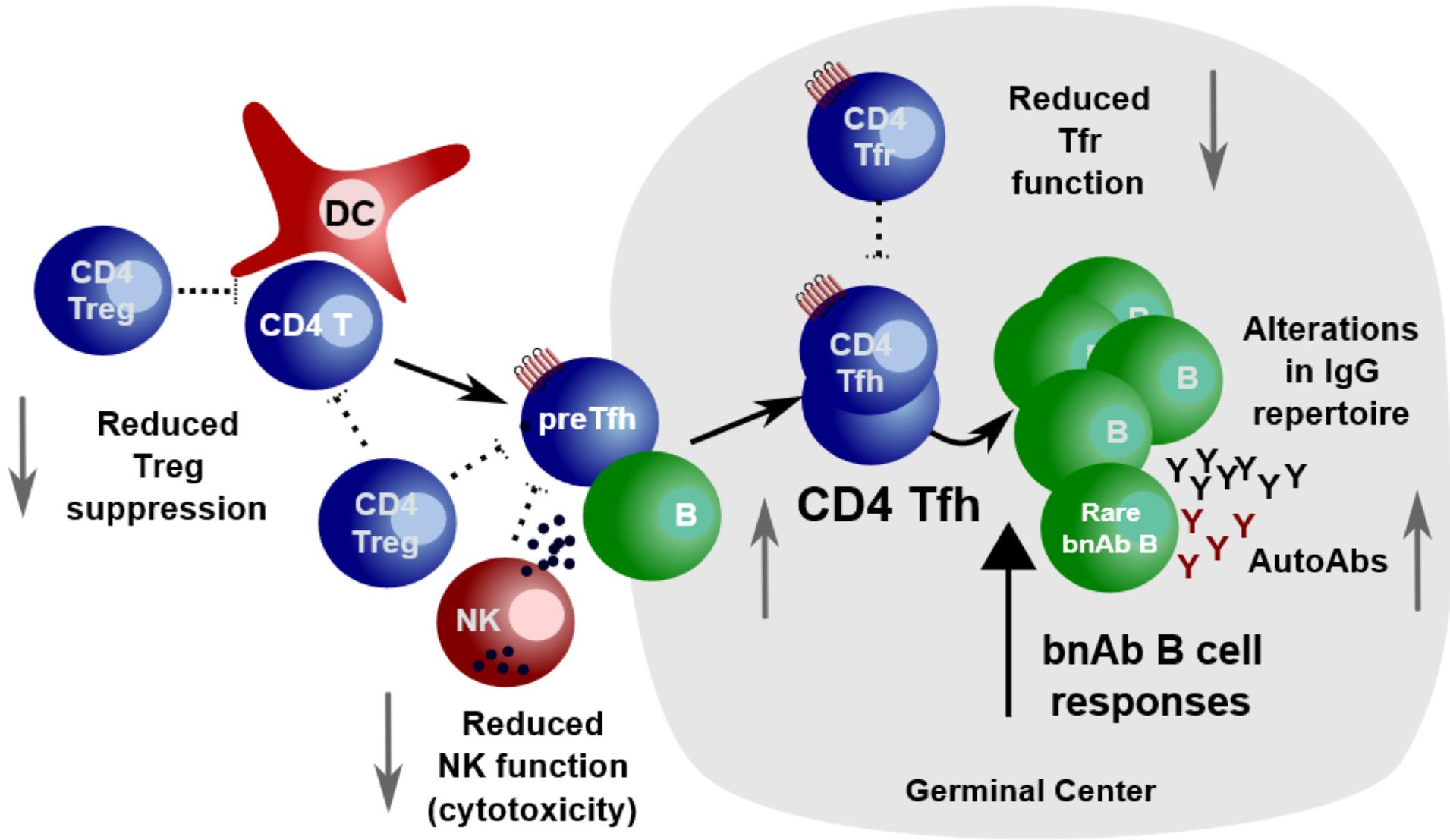


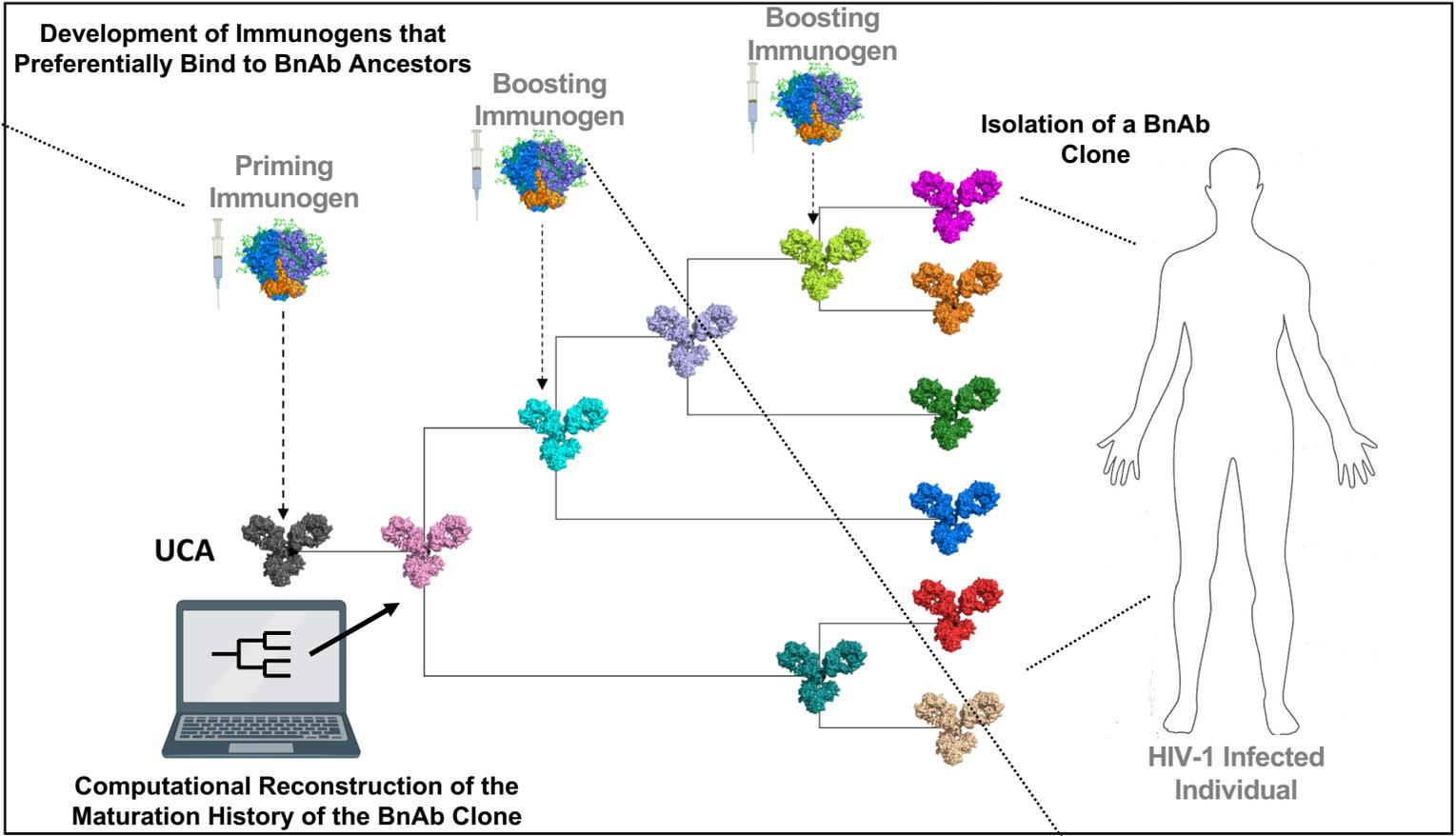
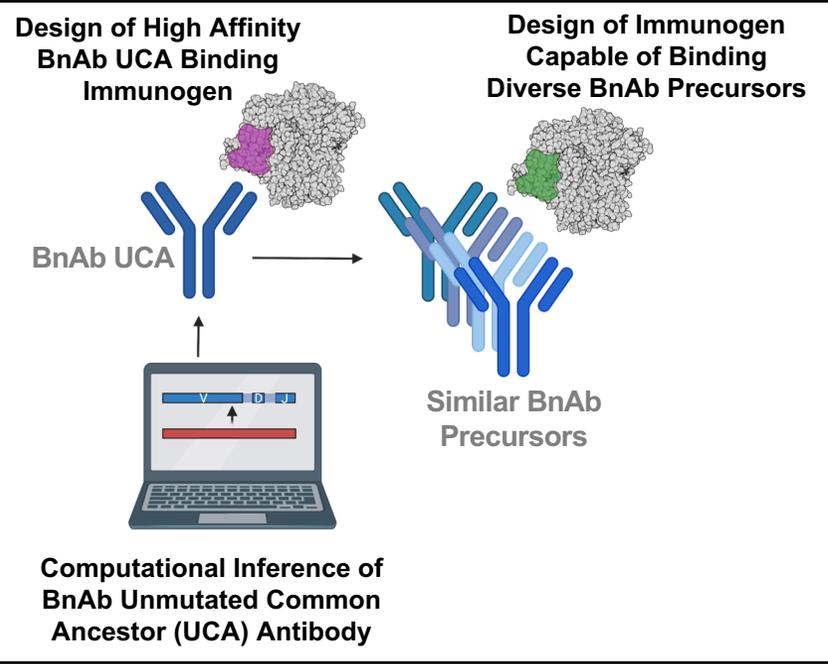
Figure 2.



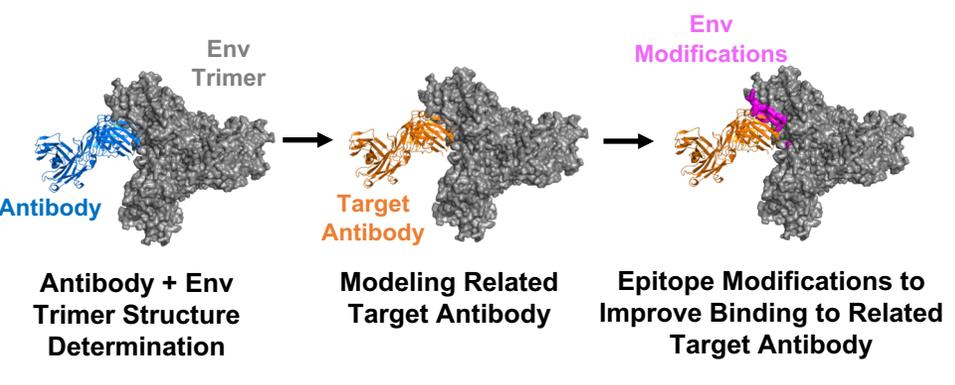


# B Cell Lineage Immunogen Design

## Germline Targeting



## Structure-Based Immunogen Design



## Mutation-Guided Immunogen Design

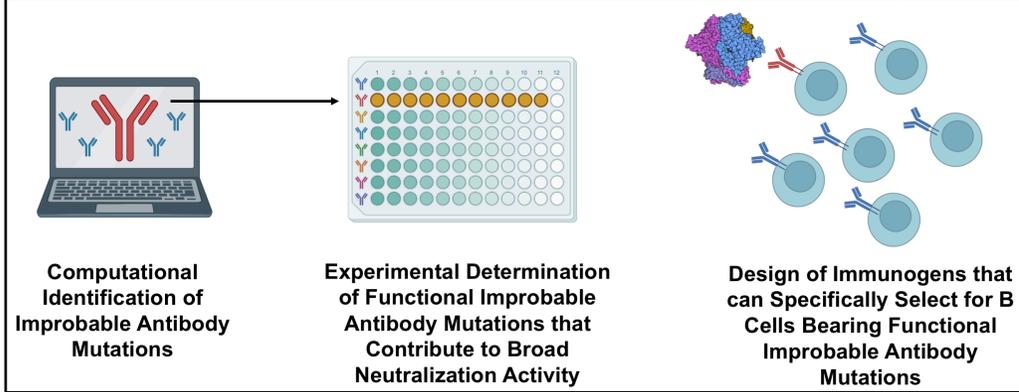


Figure 4.

Figure 5.

