



**MIX AND MATCH:** To make multimeric antibody complexes to fight a pathogen, llamas are inoculated with a virus of interest **1**. Researchers collect DNA from antibody-making cells in the llama's blood and amplify it to produce single-domain antibodies (sdAbs) **2**. This collection of sdAbs is screened to find those with a strong virus-binding ability **3**, and those antibodies are then tagged with bacterial superglue peptides (superglues are peptide-protein partners that form irreversible bonds) **4**. By mixing the glue-tagged sdAbs with scaffolds containing the glue partner proteins, researchers can combine their desired sdAbs into multimers **5**, and then screen them to find the ones that best neutralize the virus **6**.