



**CUT OFF:** Special stealth liposomes with a polyethylene glycol (PEG) coating that serves to hide the liposomes from the immune system are injected into mice with tumors **1**. There, the PEG covering spontaneously falls off **2**, allowing the liposomes to merge with cells and deliver CRISPR-Cas9 gene editing machinery **3**. The system is designed to slice the powerful oncogene E7 **4**, triggering apoptosis **5** and wiping out the tumors.