Hi Reddit,

My name is Nathan Cummins, and I am the Research Chair in the Division of Infectious Diseases at the Mayo Clinic Rochester. My research focuses on studying how HIV prevents cell death in some cells that it infects, and repurposing drugs to modify those effects. And my name is Stacey Rizza and I am the Chair of the HIV Clinic at Mayo Clinic, Rochester. My work focuses on HIV and solid organ and stem cell transplantation.

We recently published a paper titled "Extensive virological and immunological characterization in an HIV-infected individual following allogeneic stem cell transplant and analytic cessation of antiretroviral therapy: a case study" in PLOS Medicine. This manuscript examined the immunologic and virologic changes that occurred in a patient with chronic HIV infection who was diagnosed with ALL, and who underwent Allo-PBSCT. We found that the amount of HIV that was present in this patient was reduced to undetectable levels, and that his serologic tests for HIV were reverting to negative, suggesting that he may have been cured from HIV infection. Ultimately, we stopped his HIV therapy, and observed no HIV rebound for 288 days following treatment interruption, when a viral species that was unrelated to his pre-transplant virus rebounded.

We will be answering your questions at 1pm ET -- Ask me Anything!
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