Key questions defining research program:
1) Why can’t HIV infection be cured?
2) Where does HIV persist despite antiretroviral therapy?
3) What cells and organs are infected?
4) What is the state is HIV in at the sites of persistence? Latent? Active?
5) How can infected be selectively killed to cure HIV infection?

Key words describing research program:
1) HIV infection
2) HIV cure
3) Therapies to cure HIV infection
4) HIV clinical trials
5) Quantification and molecular characterization of persistent HIV

Titles for shovel-ready research projects:
1) Identifying cellular and anatomic sites of HIV persistence in vivo
2) Targeting sites of HIV persistence ex vivo and in vivo through clinical trials with monoclonal antibodies, TLR agonists, immune checkpoint inhibitors, and therapeutic vaccines

Data sources for shovel-ready research projects:
1) Human samples are in repositories from cohort studies and clinical trials
2) Data are generated using cutting edge technologies in the laboratory, including: single copy qPCR assays; single genome HIV sequencing; analysis of HIV integration sites in the human genome; viral outgrowth assays; and immune cell sorting