

OUR JOURNEY TO DEVELOP A NEW HIV MEDICINE

Developing a new HIV medicine is one of the most important and exciting journeys in science. It takes the united efforts of the HIV community, researchers, physicians, and clinical trial participants. Join ViiV Healthcare scientists at our Branford R&D facility, (one of the only labs in the world 100% focused on HIV), as they work to develop a medicine from start to finish!



COMMUNITY LISTENING

At ViiV Healthcare, medicine development starts by **listening to the needs of our patients**. We do that through 1:1 conversations, clinical trials, patient surveys and a broad range of activities with the HIV community. By listening, we can identify unmet needs to **better understand what kinds of medicines people want and need**.



DISCOVERY

Once we know the specific qualities our patients want in a medicine, our research teams brainstorm ways to target these qualities, then design molecules and test for them. Eric, a discovery scientist at ViiV Healthcare's Branford Lab, **researches millions of molecules** that might have the potential to treat, prevent, or even cure HIV **with the qualities our patients want**.



CLINICAL STUDIES

Once a discovery molecule candidate is safe to go into humans, it then moves to Dawn and our clinical development teams to **determine the safety, tolerability and efficacy of the drug for the HIV Community**.



REGULATORY APPROVAL

After being studied in a large enough **group of patients to determine safety and effectiveness**, the medicine is submitted to a regulatory agency that will review and ultimately determine whether and **how it can be used and in which patient groups**.

REAL-WORLD RESEARCH

Our research doesn't stop once a medicine is approved. We continue to ask patients what they want and need, and the information we collect is called "real world evidence" provided by people who are **taking our medicine as part of their everyday lives** and not in a controlled clinical trial setting. Vani, a researcher at ViiV Healthcare, and her team, helps make sure that HIV medicines are being used safely and effectively, and **in some cases even improved upon**.