We’re building an express lane to high-impact discoveries. Join us.

At Fred Hutch, we believe the most important thing we can do to accelerate discoveries and save lives is to bring together brilliant researchers with different expertise and perspectives — and take down the walls between them.

With your help, that’s exactly what we will do when we expand into the historic Lake Union Steam Plant in 2020. Because while cancer research is moving faster than ever, it’s still not fast enough for patients who are being diagnosed right now.

By design, the Steam Plant will support partnerships and fuel connections: between leading experts and early-career scientists; between bench scientists in “wet labs” and data scientists in “dry labs;” and between researchers developing cutting-edge technologies and those who are using them to develop cures. The Steam Plant will house up to 23 labs and more than 275 staff members.

At this year’s IN for the Hutch, you can invest in this boundary-pushing experiment to do science differently — to do it faster.

Your gift will galvanize cross-disciplinary research that pushes the science of T-cell immunotherapy faster and farther than would otherwise be possible — and get cures to patients who don’t have time to wait.

DATA-DRIVEN DISCOVERY

Our scientists pioneered methods to re-engineer patients’ immune system cells, called T cells, to fight their cancers. We’ve navigated the complex process of taking this research from the laboratory to patients. We’ve celebrated remissions with patients who otherwise would have had just weeks or months to live. And we’ve watched each one, along with the people who love them, reclaim their lives.
But not every patient, and not every cancer, responds to T-cell therapies. We’re not stopping until we have safe cures for everyone.

With next-generation technologies, we can look deeply at the inner workings of hundreds of thousands of cells simultaneously, generating millions of genetic data points for every patient and every tumor. This data gives us a new window into how cancer and the immune system interact.

To find meaningful patterns in these immense data sets — patterns that will help us design more effective T-cell therapies — we must constantly create and refine rigorous statistical, mathematical, and computational tools.

The cycle of data-driven discovery depends on intensive, day-to-day partnerships between researchers in the lab and clinic who use technologies to generate data, and computational experts — specialists in machine learning, mathematical modeling, statistics, and other areas — whose expertise is critical to transforming data into cures.

**RIGHT HERE. RIGHT NOW.**

We believe the science the Steam Plant makes possible in the years to come will transform cancer treatment forever. It can only happen at Fred Hutch: No other cancer research center can match the depth of our T-cell immunotherapy experience, the breadth of our data fluency, or the dynamic innovation ecosystem of our hometown.

All this will come together in the Steam Plant, a nexus of people, technologies, and partnerships that will fuel ever-faster breakthroughs and cures.

**By raising your paddle during the “Help the Hutch” segment at IN for the Hutch, you will help bring the Steam Plant to life — and power up the next exciting chapter in our history.**

Questions? Visit fredhutch.org/inforthehutch or email innovatorsnetwork@fredhutch.org.

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**Meet your Innovators Network Endowed Chair holder**

Last year, guests at IN for the Hutch established an endowed chair for an early-career scientist. The chair will rotate to a different researcher every three years, giving a succession of young faculty members the flexibility and support they need to engage in high-risk, high-reward research. At this year’s party with a purpose, we’ll introduce you to Dr. Alice Berger, a lung cancer researcher and the first Innovators Network Endowed Chair holder. We can’t wait to see you on October 5 at IN for the Hutch!