

# TRUDEAU INSTITUTE

*At the apex of our expertise in immunity and in fighting pathogens lies the power for breakthroughs in modern medicine.*



The Trudeau Institute is a biomedical research enterprise dedicated to infectious disease R&D to combat the most urgent public health crises facing humanity today. Our renowned team is deploying its expertise in immunology and viral and bacterial pathogenesis to develop new medicines that boost immunity and defend against infectious threats.

By serving as a hub for streamlined rapid-response partnerships, we are transforming the infectious diseases R&D ecosystem so it can more nimbly respond to emerging viruses, insect-borne pandemics and drug-resistant infections in the young, the elderly, and in crowded cities, in our nation's hospitals, and wherever our military is deployed.

## **Our History: Seeking a Cure**

Our institute was founded in 1884 as a tuberculosis sanatorium where survivors of the devastating disease could recuperate in the clean mountain air. Founder Dr. E.L. Trudeau, a TB survivor, began foundational tuberculosis research at his Saranac Lake laboratory. In the 1960s, Dr. Frank Trudeau, E.L. Trudeau's grandson and a visionary physician, transformed the sanatorium into a world-class immunology research center. During its second iteration—Trudeau 2.0—the institute grew into a flourishing research facility. It was here that scientists achieved breakthroughs in understanding how the immune system becomes activated and suppressed — a foundation that continues to transform medical innovations today.

## **Our Mission Continues**

The Trudeau Institute was founded on a bold premise: that rigorous science, executed from the heart of the Adirondacks, could result in meaningful gains for public health. We've honed our signature expertise in immunity against pathogens. Now we're putting our capabilities to work within larger scale medical research enterprises to combat 21st century global health crises. This is Trudeau 3.0, and we are intrepid in our resolve to safeguard human health in New York State and around the globe.

## **Infectious Diseases**

Infectious diseases devastate families every day. In 2015, 1.8 million people died from tuberculosis; the Zika virus began its rapid spread across Latin America and into the U.S.; and two million Americans contracted resistant bacterial infections, including new strains of drug-resistant superbugs.

We are building the **Trudeau Research Network**, an alliance of New York State, national, and global biomedical research institutions and private enterprises, with the Trudeau Institute at its hub, to combat these public health crises head-on.

Together we're responding to urgent state and federal calls for innovations combatting infectious disease by creating an end-to-end vaccine research and development pipeline and accelerating new routes to eradicate pathogens.

### **Trudeau Research Network**

Conquering infectious disease is only possible when large medical research universities, private enterprises, and specialized teams with dedicated facilities like our Trudeau 3.0, combine forces seamlessly to transform medicine together.

We offer 75,000 sq. ft. of specialized biomedical laboratory space, including fully-certified Biosafety Level 2 and Level 3 labs, with four dozen expert professional staff for R&D on influenza, tuberculosis, Zika virus, C. difficile, and resistant bacterial infections.

Under the leadership of our new president, Dr. Atsuo Kuki, we are forging medically focused and highly adaptable Trudeau Research Network partnerships and transforming our operating and revenue models so we can deliver life-changing science from the beauty and grandeur of the Adirondack Park.

We invite you to join us in advancing this endeavor, as we deploy our capabilities to catalyze breakthrough medical advances for patients both here and abroad.

### **Join us for a new era of discovery as we preserve, honor, and extend the Trudeau legacy**

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View from the patio of Trudeau Institute

by David Martin