



Research Overview

At JDRF, we work tirelessly to accelerate breakthroughs to cure, prevent and treat type 1 diabetes (T1D). We continually expand our scientific knowledge, our connections and collaborations, our partners and our global presence to unlock the science that will stop T1D. While we fight for a cure, we strive just as hard to develop therapies to help people right now. JDRF and our team of scientists are leading T1D research around the world. No organization is making a bigger impact on advances in this field.

Our Research Goals

CURE	Eradicate T1D by restoring the body's ability to make insulin
PREVENT	Stop T1D before it occurs
TREAT	Keep people with T1D as healthy as possible until a cure is found by advancing new T1D technologies and therapies

By the Numbers

Our funding is advancing scientific breakthroughs and improving lives right now by:



Supporting the most promising scientists in **more than 20 countries**



Conducting **more than 15 working groups** that regularly bring together world-renowned researchers to share findings



Funding **more than 500 active research grants**

“There’s nothing I want more than a cure for T1D. But it will be of no use to me if I’m not healthy enough to receive it. The tools I rely on to live a healthy life did not exist when I was diagnosed — and they exist today because of JDRF.”

— Brian, 30 years old, diagnosed at age 3



JDRF exists so T1D won't. Our mission is to improve lives today and tomorrow by accelerating life-changing breakthroughs to cure, prevent and treat T1D and its complications through advocacy and research. Learn more about JDRF and our entire research portfolio at jdrf.org/research.

Research Areas

Since our creation, JDRF has funded more than \$2.2 billion in research, and our advocacy work has resulted in \$2.8 billion in additional research funding from the U.S. government. We propel research along seven therapy areas to cure, prevent and treat T1D.

CURE

Beta Cell Replacement Putting healthy beta cells into the body	We invest in research and clinical trials aiming to develop and deliver life-changing therapies that place healthy, insulin-producing beta cells back into the bodies of people with T1D — freeing people from their blood glucose monitors and insulin injections for years, or even decades.
Beta Cell Regeneration Helping the body create healthy beta cells again	We support treatments that aim to restore the body's ability to create healthy, insulin-producing beta cells in people with T1D — potentially reversing the effects of the disease.
Immunotherapy Intercepting the immune attack	We power groundbreaking research and the development of new therapies aimed at stopping the immune system attack that causes T1D — halting the disease in its tracks.

PREVENT

Type 1 Diabetes Prevention Eradicating T1D for good	To eliminate the threat of T1D for future generations, we partner with allies in academia, industry and government to fund groundbreaking research — and then translate this knowledge into therapies that can stop T1D from developing.
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TREAT

Artificial Pancreas Automating insulin delivery	We are passionate about improving technology that automates blood-sugar management for people living with T1D, dramatically improving the daily burden of managing T1D and reducing T1D-related health risks.
Glucose Control Improving daily insulin routines	We are committed to making the management of T1D better and safer through groundbreaking research and clinical trials that aim to develop new ways to help people keep their blood-sugar levels within a healthy range throughout the day.
Complications Stopping and treating T1D-related health issues	We focus our research funding on diabetic kidney and eye diseases, the two areas where we believe we have the best opportunity to make short- and long-term impact on people's lives.

2019

Every gift takes us one step closer to a cure for T1D. Find out how you can support JDRF and make a difference in the lives of people with T1D by visiting jdrf.org/donate.

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