



## 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

<b>CURE</b>	Eradicate T1D by restoring the body's ability to make insulin
<b>PREVENT</b>	Stop T1D before it occurs
<b>TREAT</b>	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](https://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	
<p><b>Beta Cell Replacement</b> Putting healthy beta cells into the body</p>	<p>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.</p>
<p><b>Beta Cell Regeneration</b> Helping the body create healthy beta cells again</p>	<p>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.</p>
<p><b>Immunotherapy</b> Intercepting the immune attack</p>	<p>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.</p>

PREVENT	
<p><b>Type 1 Diabetes Prevention</b> Eradicating T1D for good</p>	<p>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.</p>

TREAT	
<p><b>Artificial Pancreas</b> Automating insulin delivery</p>	<p>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.</p>
<p><b>Glucose Control</b> Improving daily insulin routines</p>	<p>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.</p>
<p><b>Complications</b> Stopping and treating T1D-related health issues</p>	<p>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.</p>

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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](https://jdrf.org/donate).

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