

# Research Funding FACTS



*dedicated to finding a cure*

Since its founding in 1970 by parents of children with type 1 (juvenile) diabetes, JDRF has awarded more than \$680 million to diabetes research, including more than \$80 million in FY2003. More than 80 percent of JDRF's expenditures directly support research and research-related education. In FY2003, the Foundation funded 500 centers, grants and fellowships in 19 countries.

## Areas of Scientific Investigation

- Clinical Trials
- Islet Transplantation
- Tolerance
- Stem Cells
- Beta Cell Development
- Beta Cell Function
- Beta Cell Regeneration
- Gene Therapy
- Retinopathy
- Neuropathy
- Nephropathy
- Hypoglycemia
- Wound Healing
- Immunology
- Genetics
- Environmental Triggers

## FY 2003 JDRF Research Funding

Achieving Normal Blood Sugar:	\$46 million (57%)
Preventing and Reversing Complications:	\$22 million (27%)
Prevention of Diabetes and its Recurrence:	\$13 million (16%)
Total:	\$81 million

## JDRF's Research Goals

JDRF plays a unique role in setting the global direction of diabetes research resources, to ensure that they are used as effectively as possible as a "cure enterprise" to bring about a world without diabetes and its complications. To that end, the organization has developed six cure therapeutic targets on which JDRF will focus over the next five years:

1. Perfecting islet transplantation without chronic immunosuppression
2. Creating safe and widely available "universal donor" supplies of insulin-secreting cells for transplantation
3. Regenerating the body's own beta cells without islet transplantation
4. Perfecting a closed-loop artificial pancreas
5. Creating novel therapeutics for predicting, preventing, and reversing complications, and
6. Maintaining or restoring immune tolerance in new-onset patients and those at-risk for developing diabetes