

Since its founding in 1970 by parents of children with type 1 diabetes, JDRF has awarded more than \$900 million to diabetes research, including more than \$98 million in FY2005. More than 80 percent of JDRF's expenditures directly support research and research-related education. In FY2005, 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 2005 JDRF RESEARCH FUNDING

|  |              |
|--|--------------|
| Achieving Normal Blood Sugar:              | 64%          |
| Preventing and Reversing Complications:    | 23%          |
| Prevention of Diabetes and its Recurrence: | 13%          |
| Total:                                     | \$98 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