



2007 Research Fund Grant Recipient: Dr. Judith Fridovich-Keil

**Grant Amount: \$50,000**

### **Summary**

Dr. Judith Fridovich-Keil was the recipient of the Research Team's first Research grant for her research "Toward Improved Intervention for Galactosemia". She was the principal investigator for this project searching for a potential drug for people with galactosemia. Dr. Fridovich-Keil is a researcher in the Department of Human Genetics at Emory University School of Medicine. One of the prime outcomes of this study was her team developed a high throughput-test for UGP activity and demonstrated using the appropriate controls and calculations that the assay is now ready for use in a high throughput screen. This is a major accomplishment and will serve as the foundation upon which all future progress (not funded by GF) in this long-term project will be based. Next steps would include screening more than 100,000 compounds for potential use as a potential drug. In addition, she has had discussions with venture capitalists who were considering funding her research, prior to the economic downturn in 2009.

### **Education**

1988 Ph.D., Massachusetts Institute of Technology

1983 AB in Biochemistry (Summa Cum Laude), Princeton University

1989-91 Training Fellow in Clinical Molecular Genetics, Harvard Medical School

1988-91 Postdoctoral Research Fellow in Cell Growth and Regulation, Harvard Medical

### **School and Dana-Farber Cancer Institute**

1996 Board Certified in Clinical Molecular Genetics, American Board of Medical Genetics

### **Research Grant Documents Related to this Research**

GF\_Award\_final\_report\_JLFKgrant2007.pdf