
Glucose Transporter Type 1 Deficiency Syndrome (Glut1DS): One \$61,855 pilot grant is available and will be awarded to research that has the potential to lead to better understanding and better treatments to improve the quality of life for those affected by Glut1DS. Potential topics of interest may include but are not limited to: open source resource development (cell lines, assays, functional studies, etc.), Glut1 at the blood brain barrier, brain glucose metabolism, ketogenic diets, basic science to understand disease mechanisms relevant to Glut1DS, identification of new biomarkers to make easier diagnosis and to measure the effectiveness of new treatments, and translational and clinical studies. Preference may be given to novel concepts and collaborative/team approaches. This grant is made possible by the generous support of donors to Team Glut1, Miles for Millie, Mission for Macie, Determination for Dominic, Ride4Reed, and the Glut1 Deficiency Foundation.