

## **Hunter's Hope Foundation Historical Research Projects Funded**

- Mark Noble, Ph.D. - University of Rochester Stem Cell and Regenerative Medicine Institute, Rochester, NY  
"Umbilical Cord Stem Cell Therapy for Krabbe's disease: The problem of chemotherapy-mediated damage to the CNS"
- Mark S. Sands, Ph.D. - Washington University School of Medicine, St. Louis, MO  
"Combinatorial Therapies for Krabbe Disease"
- David Archer, Ph.D. - Emory University School of Medicine - Atlanta, GA  
"In Utero Therapy for Murine Galactosylceramidase Deficiency"
- Gary Baskin, DVM - Tulane University Medical Center - Covington, LA  
"Development of a Nonhuman Primate Model for Gene Therapy of Krabbe Disease"
- Karin Blakemore, M.D. - Johns Hopkins University - Baltimore, MD  
"A Canine Model for In Utero Bone Marrow Transplantation"
- Bruce J. Brew, MBBS, MD, FRACP - University of New South Wales - Sydney, Australia  
"Marrow Stromal Cell Transplantation for the Treatment of Krabbe Disease"
- Bruce Bunnell, Ph.D. - Tulane University Health Sciences Center - New Orleans, LA  
"Marrow Stromal Cell-Mediated Gene Therapy of Krabbe's Disease in a Nonhuman Primate Model"
- Timothy Cox, M.D. - University of Cambridge - Cambridge, England  
"Therapeutic Gene Delivery for Cerebral Leukodystrophies Using Herpes Simplex Virus-based Vectors"
- Ian Duncan, BVMS, Ph.D., FRC, VSFRCP - University of Wisconsin School of Veterinary Medicine - Madison, WI  
"Inhibition of Globoid Cell-Microglial Function in the Twitcher Mouse; a Potential Therapy for Krabbe Disease?"
- Isabelle Dusart, Ph.D. - INSERM ACS Paris IV Saint-Antoine - Paris, France  
"Study of Factors that Favor Myelination: An In Vitro Model of Pelizaeus-Merzbacher"
- Mary Eapen, M.D., M.S. - Medical College of Wisconsin IBMTR - Milwaukee, WI  
"Outcomes After Hematopoietic Stem Cell Transplantation for Globoid Cell Leukodystrophy"

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- Christopher Eckman, Ph.D. - Mayo Clinic Jacksonville - Jacksonville, FL  
"Protein Treatment for Krabbe Disease; a Feasibility Analysis of TAT PTD/GALC Fusion Proteins for Treatment"
- Maria Luisa Escolar, M.D. - University of North Carolina at Chapel Hill - Chapel Hill, NC  
"Development of a Staging System for Infantile Krabbe's Disease"
- Corrine Fantz, Ph.D. - Washington University School of Medicine - St. Louis, MO  
"Neonatal Gene Transfer for Treatment of Globoid Cell Leukodystrophy"
- Miguel Gama Sosa, Ph.D. - Mt. Sinai School of Medicine - New York, NY  
"Ex Vivo Gene Therapy of Krabbe Disease Genetic and Cellular Therapy of Krabbe Disease"  
"Transgenic Rescue of Twitcher Mice"
- Robert Gould, Ph.D. - NYS Institute for Basic Research - Staten Island, NY  
"Myelin Genes Affected During Development of Krabbe Disease Symptoms in the Twitcher Mouse"
- Dong-Soon Im, Ph.D. - University of Virginia - Charlottesville, VA  
"Molecular Characterization of a Human Psychosine Receptor"
- Joanne Kurtzberg, M.D. - Duke University Medical Center - Durham, NC  
"Selection and Screening of Umbilical Cord Blood (UCB) for Stem Cell Transplantation in Krabbe Disease"
- Paola Leone, Ph.D. - University of Medicine & Dent of NJ/Robert Wood Johnson Medical School- Camden, NJ  
"Gene Therapy of a Rat Model of Leukodystrophy"
- Steven LeVine, Ph.D. - University of Kansas Medical Center Research Institute - Kansas City, KS  
"Therapeutic Interventions for Krabbe Disease" "Modifier Genes in Krabbe Disease"
- Paola Luzi, Ph.D. - Thomas Jefferson University - Philadelphia, PA  
"SV40 Containing Galactocerebrosidase (GALC) Transgene: A Novel Gene Therapy Approach for the Treatment of Krabbe Disease"
- Peter Meikle, Ph.D. - Women's and Children's Hospital - North Adelaide, Australia  
"Newborn Screening, Patient Prognosis and Monitoring of Therapy for Krabbe Disease and Metachromatic Leukodystrophy"

## **Hunter's Hope Foundation Historical Research Projects Funded**

- The Myelin Project - Dunn Loring, VA  
"Human Schwann Cell Transplantation Trial at Yale University"
  
- Barbara Paton, Ph.D. - Women's and Children's Hospital, North Adelaide, South Australia  
"Improving Peroxisomal Function in the Peroxisomal Biogenesis Defects"
  
- Mohammad Rafi, Ph.D. - Jefferson Medical College - Philadelphia, PA  
"Ex Vivo Gene Therapy for the Mouse Model of Globoid Cell Leukodystrophy Using Astrocytes and Marrow Stromal Cells"
  
- Thiruvamoor Ramkumar, Ph.D. - Washington University - St. Louis, MO  
"Multi-Lectin Receptors as Potential Targets for Krabbe Disease"
  
- Evan Snyder, M.D., Ph.D. - Harvard Medical School/Harvard Institutes of Medicine - Boston, MA  
"Neural Stem Cells as Vehicles for Globalcellular & Gene Therapy in Krabbe Globoid Cell Leukodystrophy"
  
- Ramandeep Takhter, Ph.D. - Mayo Clinic Rochester - Rochester, MN  
"Sphingolipid Endocytosis During Differentiation of Oligodendrocytes and its Role in Myelin Formation"
  
- Phillip Whitfield, Ph.D. - Women's & Children's Hospital - North Adelaide, Australia  
"Krabbe Disease: Newborn Screening, Improved Diagnosis and Monitoring Therapy"