Glut1 Deficiency Foundation

2015 Conference

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Glut1 Deficiency Foundation Professional Conference

Poster Session

July 8, 2015

Poster Number	Authors	Affiliation	Title
1	A. Hernandez, J.M. Pascual, D. Kelly, L. Hynan, P. Stavinoha	Children's Health Medical Center University of Texas Southwestern	Triheptanoin Improves Performance on Cognitive Indices in G1D Syndrome
2	A. Hernandez, J.M. Pascual, D. Kelly, L. Hynan, P. Stavinoha	Children's Health Medical Center University of Texas Southwestern	Adaptive Behavior and Emotional Functioning in G1D Syndrome
3	E.E. Lee, J. Ma, A. Sacharidou, W. Mi, V.K. Salato, N. Nguyen, Y. Jiang, J.M. Pascual, P.E. North, P.W. Shaul, M. Mettlen, R.C. Wang	University of Texas Southwestern Medical Center	A Protein Kinase C Phosphorylation Motif in GLUT1 Affects Glucose Transport and is Mutated in GLUT1 Deficiency Syndrome
4	J.M. Pascual, L.B. Good, P. Liu, I. Marin-Valencia, M. Qian, D. Kelly, M. Tondo, J. Park, A. Hernandez, X. Zhang, C.R. Malloy, P. Stavinoha, H. Lu	University of Texas Southwestern Medical Center	Synaptic excitation-inhibition imbalance in glucose transporter I deficiency (G1D) and first treatment of its associated human epilepsy with triheptanoin
5	A. Alahmad, G. Vatine, S. Palecek, C. Svendsen, E. Shusta	Texas Tech University Health Sciences Center School of Pharmacy	Design of a disease-specific model of the Blood-Brain barrier using patient induced pluripotent stem cells: The Case of Allan-Herndon-Dudley Syndrome
6	O. Guzel, U. Yilmaz, N. Arsian, T. Calik, Z. Akisin	Dr. Behcet Uz Children's Hospital Ketogenic Diet Center	Blood beta-hydroxybutyrate measurement and lower ratios in Glut1 DS

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7	A. Poff, S. Kesi, C. Ari, N. Ward, T. Fiorelli, C. Rogers, A. Van Putten, J. Sherwood, D.P. D'Agostino	University of South Florida	Development and characterization of exogenous ketone supplements – novel methods of inducing therapeutic ketosis
8	C. Ari, C. Murdun, C. Goldhagen, C. Rogers, D.P. D'Agostino	Dept of Molecular Pharmacology and Physiology, Hyperbaric Biomedical Research Lab, Morsani College of Medicine, U of South Florida	The effect of ketogenic diet and ketone supplementation on the motor function of GLUT1 deficiency mouse model
9	C. Ari, C. Murdun, C. Goldhagen, C. Rogers, D. P. D'Agostino	Dept of Molecular Pharmacology and Physiology, Hyperbaric Biomedical Research Lab, Morsani College of Medicine, U of South Florida	Elevated blood ketone levels increase the latency of anaesthetic induction in GLUT1 mouse model
10	C. Ari, A.M. Poff, S.L. Kesi, C.R. Goldhagen C. Murdun, D.P. D'Agostino	Dept of Molecular Pharmacology and Physiology, Hyperbaric Biomedical Research Lab, Morsani College of Medicine, U of South Florida	Chronic administration of exogenous ketone supplements reduces anxiety in Sprague-Dawley rats
11	A. Greene, L.R. Drewes, G.W. Anderson, E.L. Perkins	Mercer School of Medicine Dept of Biomedical Sciences, Savannah GA; Biomedical Sciences, U. Minnesota Duluth; Pharmacy Practice/ Pharmaceutical Sciences, U. Minnesota Duluth	Mammalian Synthetic Chromosomes For Bioengineering of the Blood Brain Barrier Suitable For GLUT-1 DS Therapeutics
12	Marek Bachanski	Child Neurology Department, The Children's Memorial Health Institute Warsaw, Poland	Two children with glucose transporter type I deficiency syndrome (GLUT1 DS) treated with 2.5:1 ketogenic diet