

## JANUARY- DECEMBER 2008 FARA FUNDED GRANTS

Principal Investigator	Project	Research Area	Category	Outcome
Sidney Hecht	Analysis and restoration of Mitochondrial Function	Basic	Mitochondrial	↓ oxidative stress and ↑ mitochondrial function
Arnulf Koeppen	Friedreich's ataxia: Iron dysmetabolism in the central and peripheral nervous systems	Basic	Pathology & Iron Metabolism	Elucidate Pathophysiology
<b>2008 Mitochondrial Therapeutic Approaches Research Award</b>				
*Michael Koob	Towards Gene Therapy of Mitochondrial Diseases	Basic	Mitochondrial	↑ frataxin
Filip Lim & Richard Wade-Martins	Neuron-validated approaches for developing Friedreich's ataxia therapeutics	Basic/ Translational	FRDA Gene	↑ frataxin
<b>2008 FARA New Investigator Award</b>				
Alain Martelli	Iron Metabolism in FA: from the fundamental understanding of iron dysregulation to the therapeutic potential of iron chelators	Basic/Translational	Iron Metabolism	↓ oxidative stress and ↑ mitochondrial function
Marek Napierala	Influence of chlorambucil-conjugated GAA-TTC sequence-specific polyamides and Histone Deacetylase Inhibitors (HDACi) on repeat instability and frataxin expression	Basic / Translational	FRDA Gene	↑ frataxin
<b>2008 American Heart Association/Friedreich's Ataxia Research Alliance Cardiology Research Award</b>				
*R. Mark Payne	Use of TAT-Frataxin to Reverse the Cardiomyopathy of Friedreich's Ataxia	Basic/ Translational	Frataxin delivery Cardiac	↑ frataxin
Jackson Laboratories	FA Mouse Models	Translational	Animal Models	All
Tracey Rouault and Richard Holms	Development and use of synthetic iron-sulfur clusters in therapy of Friedreich ataxia	Translational	Iron-Sulfur Cluster assembly	↓ oxidative stress and ↑ mitochondrial function
*Grazia Isaya	Modulators of frataxin assembly: assay development for high throughput screening	Translational	Drug Screening	All
<b>2008 Kyle Bryant Translational Research Award</b>				
*James Rusche	Development of Methods to Determine the Pharmacodynamic Effect of HDAC Inhibitors on Frataxin Expression	Translational	FRDA Gene	↑ frataxin
<b>2008 Kyle Bryant Translational Research Award</b>				
*Subha V. Raman, MD and Roula al-Dahhak	Preclinical Markers of Cardiomyopathy in Friedreich's Ataxia	Translational	Cardiac, Biomarkers	All
David Lynch	Mitochondrial protein levels as biomarkers in Friedreich Ataxia	Translational/Clinical	Biomarker	All
Collaborative Clinical Research Network	Mortality in Friedreich's Ataxia	Clinical	All	All
*David Lynch	Collaborative Clinical Research Network for Friedreich's Ataxia	Clinical	Clinical Outcome Measures, Biomarkers and Trials	All
Bernard Ravina	Supplement Clinical Research Network for Friedreich's Ataxia – Data Coordination Center	Clinical	Clinical Outcome Measures, Biomarkers and Trials	All
Bernard Ravina	EPO Planning and Implementation Grant	Clinical	Clinical Outcome Measures, Biomarkers and Trials	All
Theresa Zesiewicz	Double-blind, Randomized, Placebo-controlled pilot study in the Treatment of Friedreich's Ataxia	Clinical	Clinical Outcome Measures, Biomarkers and Trials	All
Gary Rance	Development of Auditory Biomarkers in FRDA	Clinical	Clinical Outcome Measures, Biomarkers and Trials	All
John Day/ National Ataxia Foundation	Ataxia Investigator's Meeting, LasVegas, NV, March 2008	All	All	All
Joel Gottesfeld	Improved HDAC Inhibitors as Therapeutics for FA	Translational	FRDA Gene	↑ frataxin