

1999-2003 SHRINE FUNDING

x = funding dollars

Grant #	PI	Title	Funding Period	1999	2000	2001	2002	2003
8550	Barrow, Robert E.	Optimizing Pulmonary Surfactant Activity Through Diet	98-03	x	x	x	x	
8590	Bidani, Akhil	Regulation of Alveolar Macrophage Function After Thermal and Inhalation Injury	95-97					
9115	Blakeney, Patricia	Benchmarking of Functional and Psychosocial Outcomes of Pediatric Burn Survivors	2001-2003			x		x
8600	Blakeney, Patricia	An Outcome Study of the Psychosocial Recovery of Burned Children	95-97					
8620	Blakeney, Patricia	Assisting the Transition of Pediatric Burn Survivors Through Adolescence	99-00	x	x	x		
8750	Boor, Paul	The Role of the Connective Tissue Enzyme, SSAP, in Human Burn Wound Healing	02-04				x	x
8260	Boor, Paul	The Role of the Connective Tissue Enzyme, SSAO, in Human Burn Wound Healing	2002				x	
8570	Chen, Jefferson	Molecular Mechanisms of Brain Injury in Pediatric Patients and the Influence of Hypothermia and Neutrophins	98-99	x				
8250	Chung, Dai	Start-up Grant: The Role of Cyclooxygenase/Prostaglandin Pathway in the Pathogenesis of Ischemia-Reperfusion Injury of the Gut in Severe Burns	2001			x		
8560	Chung, Dai	Surgical Studies on the Role of Cyclooxygenase/Prostaglandin Pathway in the Pathogenesis of Ischemia-Reperfusion Injury of the Gut in Severe Burns	02-04				x	x
8250	Englander, Ella	Start-up Grant: Molecular Mechanisms of Smoke Inhalation Injury to the Brain in Children: Hypoxia and Hyperoxia Induced Oxidative DNA damage	1999	x				

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8600	Englander, Ella	Burn injury induced changes in the IGF-1 system-investigation of gene regulation by cDNA expression mircoarrays	00-02		x	x	x	
8670	Englander, Ella	Genotoxic Effects of Smoke Inhalation Injury to the Brain in Children	01-03				x	x
8670	Englander, Ella	Molecular Mechanisms of Smoke Inhalation Injury to the Brain in Children: Hypoxia and Hyperoxia Induced Oxidative DNA damage	99-00	x	x	x		
8670	Evers, Mark	Molecular Mechanisms of Early Gut Changes After Thermal Injury	95-97					
8270	Gore, Dennis	Start-up Grant: Assessment of Oxidative Phosphorylation in Sepsis	1999	x				
8310	Gore, Dennis	Start-up Grant: Evaluation of Inflammatory Response to Burn Hemorrhage	2000		x			
8590	Gore, Dennis	Assessment of Pioglitazone and Metformin on Post-Burn Hypermetabolism and Sepsis	00-03		x	x	x	x
8570	Hawkins, Hal K.	Neurogenic Inflammatory Injury in the Airway	01-02			x	x	
8460	Hawkins, Hal K.	Special Shared Facility: Electron Microscopy	86-03	x	x	x	x	x
8520	Heggens, John P.	Epitope Analysis of Pseudomonas Aeruginosa Exotoxin A and Evaluation of Neutralizing Antibodies	96-99	x				
8760	Herndon, David N.	Trial to Demonstrate Safety and Efficacy of Treatment of Major Pediatric Burns with Oxandrolone and/or Resistive Cardiovascular Exercise During the First Year Post Discharge	01-05				x	x
8060	Herndon, David N.	Bridging Funds-Klein	2003					x
8070	Herndon, David N.	Bridging Funds-Schmalstieg	2003					x
8480	Herndon, David N.	Special Shared Facility: Clinical Research and Computer Research	90-04	x	x	x	x	x

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8952	Herndon, David N.	Multi-center Project: Long Term Treatment of Severely Burned Children with Recombinant Human Growth Hormone: A Multicenter Trial	93-00	x	x	x		
8660	Herndon, David N.	Assessment of the Mechanisms of Improved Wound Healing of Anabolic Agents and Diet in Severely Burned Patients	97-04	x	x	x	x	x
8470	Herndon, David N.	Special Shared Facility: Computer Research Support	99-00	x	x	x		
8010	Herndon, David N.	Research Core	Annual Award	x	x	x	x	x
8499	Herndon, David N.	Shrine Fellowship	Annual Award	x				
8505	Herndon, David N.	Shrine Fellowship	Annual Award		x	x		
8506	Herndon, David N.	Shrine Fellowship	Annual Award		x	x		x
8507	Herndon, David N.	Shrine Fellowship	Annual Award		x	x	x	x
8508	Herndon, David N.	Shrine Fellowship	Annual Award		x		x	x
8990	Herndon, David N.	Shrine Fellowship	Annual Award					
8990	Herndon, David N.	Shrine Fellowship	Annual Award					
8290	Kien, C.L.	Start-up Grant: Uncoupling Proteins and Thermal Injury	02-03				x	x
8280	Klein, Gordon	Start-up Grant: The Use of Biophosphates to Preserve Bone Mass in Pediatric Burn Patients	1999	x				
8640	Klein, Gordon	The use of biophosphonates (Pamidronate) to preserve bone mass in pediatric burn patients	00-02		x	x	x	
8720	Kramer, George C.	Fluid Resuscitation of Burn Injury: New Fluids and Pharmacological Treatments: Antioxidants and L-Arginine	97-00	x	x	x		

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8260	Labros Sidossis	Start-up Grant: Clinical Significance and Pathophysiology of Hepatic Steatosis in Burn Injury	1999	x				
8680	Mancuso, Melodee	Impact of Burn Trauma on the Sibling Member of the Family System: Psychosocial Adjustment, Risk/Resistance Factors Effecting Adjustment and Effect on Sibling Relationships	2003					x
8620	McCauley, Robert L.	Influence of Lymphokines and Monokines on the Development of Hypertrophic Scars in Burn Patients	95-97					
8730	McCauley, Robert L.	Prospective Randomized Study of the Effectiveness of Pressure Garment Therapy for the Prevention of Hypertrophic Scarring in Burned Children	97-02	x	x	x	x	
8690	McQuitty, Christopher	B-Adrenergic Responsiveness in Burn Patients Receiving Subcutaneous or Topical Epinephrine During Burn Excision	97-98					
8280	Murakami, Kazunori	Start-up Grant: Role of Thrombin in Sepsis following Smoke Inhalation Pneumonia	02-03				x	x
8700	Nelson, Sharon H.	Septicemia-Induced Changes in Nitric Oxide Synthase in the Pulmonary Vasculature	97-99	x				
8540	Papconstantinou, John	Role of C/EBP Transcription Factors in Thermal Injury-Mediated Activation of Stress Response Genes	96-98					
8290	Perez-Polo, JR	Start-up Grant: Anti-Apoptosis Treatment for Hypoxia Resuscitation	1999	x				
8710	Perez-Polo, JR	Use of Genetic Transfer of Growth Factor Genes in the Treatment of Burn Trauma	97-02	x	x	x	x	
8540	Perez-Polo, JR	Anti-apoptosis treatment for hypoxia/resuscitation	99-04		x	x	x	x

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8510	Robert, Rhonda	Evaluating Effectiveness of Imipramine in Treating Pediatric Burn Patients with Symptoms of Post-Traumatic Stress Disorder	98-00	x	x			
8270	Sanford, Arthur	Start-up Grant: Development of a Computerized Burn Diagram	2002				x	
8330	Schmalstieg, Frank	Start-up Grant: Treatment of Hyperoxic Lung Injury with IL-10	1999	x				
8310	Schmalstieg, Frank	Start-up Grant: Depression of P38 <sup>mapk</sup> in the Pathogenesis of Acute Lung Injury in Smoke and Burn Injuries	02-03				x	x
8680	Schmalstieg, Frank	Anti IL-8 in Burn and Smoke Inhalation Injury	99-00	x	x	x		
8650	Sherwood, Edward	Characterization and Treatment of Immunosuppression Induced by Thermal and Smoke Inhalation Injury	01-03			x	x	x
8780	Sherwood, Edward	The Role of Cytotoxic T-Cells and NK Cells in the Pathogenesis of Sepsis	2003					x
8580	Suzuki, Fujio	Modulation of B-Chemokine MIP-1 and improved resistance of thermally injured patients to infectious complications	00-02		x	x	x	
8690	Suzuki, Fujio	The Regulation of Systemic Inflammatory Response System (SIRS) and/or Compensatory Anti-Inflammatory Response Syndrome (CARS) and Enhancement of Resistance to Infections in Thermal Injury	02-04				x	x
8580	Suzuki, Fujio	The Prevention of Opportunistic Herpes Virus Infections by the Regulation of Type 2 CD8 + T Cells and Type 2 Cytokines	95-97					
8560	Suzuki, Fujio	Protection of Thermally Injured Patients Infected with Herpes Viruses and <i>Candida Albicans</i> by Eliciting Protective Immunity and Depleting Burn-Associated Th-2 dominated Responses	98-00	x	x			

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8810	Toliver-Kinsky, Tracy	Characterization of Burn Associated IFN- $\gamma$ Suppression and Potential Restoration by FLT3 Ligand-Induced Hematopoiesis	2003						x
8610	Traber, Daniel L.	Burn and smoke inhalation injuries treated with anti-selection compounds	00-02		x	x	x		
8954	Traber, Daniel L.	Multi-center Project: Effects of Nitric Oxide in Burns and Smoke Inhalation Injury (Galveston and Boston)	01-03			x	x		x
8620	Traber, Daniel L.	Use of cyclooxygenase and lipoxygenase inhibitor in the treatment of smoke inhalation and burns	2003						x
8450	Traber, Daniel L.	Special Shared Facility: Lung Lymph Laboratory	87-04	x	x	x	x		x
8570	Traber, Daniel L.	The Cardiopulmonary Changes Seen with Smoke Inhalation Following Thermal Injury	95-97						
8580	Wolf, Steven E.	Induction of Apoptosis in the Gut Mucosa by Burn Injury	98						
8520	Wolf, Steven E.	Effects of Oxandrolone on Muscle Accretion and Function after Burn	01-04			x	x		x
8300	Wolf, Steven E.	Start-up Grant: Evaluation of Computer Automated Mechanical Ventilation	02-03				x		x
8800	Wolf, Steven E.	Studies of the Hepatic Acute Phase Response to Severe Burn	2003						x
8790	Wolfe, Robert R.	Insulin and Wound Healing	2003						x
8490	Wolfe, Robert R.	Special Shared Facility: Mass Spectrometry	85-03	x	x	x	x		x
8630	Zhang, Xiao-jun	Skin Protein Metabolism and its Regulation After Thermal Injury	95-03	x	x	x	x		x
8650	Zhang, Xiao-jun	The Impact of Thermal Injury on Intestinal Homeostasis and Restoration	96-97						
8955	Zwischenberger, Joseph	Multi-center Project: Safety and efficacy of extracorporeal arteriovenous carbon dioxide removal (AVCO2R) in acute, severe respiratory failure in children with burns. Participating hospitals Boston, Cincinnati, Northern California	2000		x	x			

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8770	Zwischenberger, Joseph	Safety and Efficacy of Extracorporeal Arteriovenous Carbon Dioxide Removal (AVCO2R) in Acute, Severe Respiratory Failure in Children with Burns	00-02				x	
8700	Zwischenberger, Joseph	Paracorporeal Artificial Lung (PAL) for Lethal Smoke/burn Injury	02-04				x	x
8530	Zwischenberger, Joseph	A Prospective Randomized Outcomes Study of Three Gentle Ventilation Techniques (AVCO2R, HFPV, LTV) in a Clinically Relevant LD100 Smoke/Burn Sheep ARDS Model to Assess Ventilator Free Days, Survival and Pathophysiology	2003					x
8530	Zwischenberger, Joseph	Severe Respiratory Distress Syndrome Caused by Severe Smoke Inhalation and Cutaneous Burn Injury Treated with Arteriovenous Carbon Dioxide Removal (AVCO2R) and Low Pressure Ventilation with Permissive Hypercapnia (LPV-PH)	94-02	x	x	x	x	
		<b>TOTALS</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

### Shrine Grants Funded 1999-2003

