






# YOUR DONATIONS MAKING A DIFFERENCE






## 2021\* as of 7/2021

Grant year	Amount	Researcher	Institution	Project	Notes
2021	\$25,000	Dr. Erin Crowgey, PhD	 Nemours Center for Cancer and Blood Disorders	Development of a pediatric specific cancer genomics sequencing and informatics program	
YEAR	\$25,000			TOTAL WITH MATCHING FUNDS	\$25,000
TO DATE: \$1,660,000				TOTAL DIRECTED WITH MATCHING FUNDS TO DATE	\$3,105,000

\*Cure4Cam is an Alex's Lemonade Stand Foundation Charity Partner

## 2020






Grant year	Amount	Researcher	Institution	Project	Notes
2020	\$50,000	Dr. Erin Crowgey, PhD	 Nemours Center for Cancer and Blood Disorders	Pediatric Genomics Cancer Research Program	
2020	\$20,000	Alice Bertaina, MD/PhD	 Stanford Univ School of Medicine	Optimizing TCRαβ+/CD19+-depleted haploidentical HSCT for ALL using donor-derived genome-edited CAR T cells	Project also co-funded 2019; Matched by ALSF* for a total of \$40,000 directed to this project

2020	\$20,000	Dean Lee, MD/PhD		Research Institute at Nationwide Children's Hospital	Generation of CMV-specific CD19 CAR T cells Using Cytokine Capture Followed by Lentiviral Transduction and Expansion	Project also co-funded 2019; Matched by ALSF* for a total of \$40,000 directed to this project
2020	\$20,000	Hasan Uludag, PhD		University of Alberta	Novel Therapy of Heterogeneous B-cell Acute Lymphocytic Leukemia by Targeting Convergent Oncogenic Mediators STATs	Project also co-funded 2019; Matched by ALSF* for a total of \$40,000 directed to this project
2020	\$20,000	Vishal Khairnar, PhD		City of Hope Beckman Research Institute	Targeted Hyperactivation of PI3K/AKT in B- cell malignancies	Project also co-funded 2019; Matched by ALSF* for a total of \$40,000 directed to this project
2020	\$20,000	Jessica Wagner, PhD		St Jude Children's Research Hosp	ECM-targeted CAR T-cell therapy for high- grade glioma	Project also co-funded 2019; Matched by ALSF* for a total of \$40,000 directed to this project
2020	\$25,000	Sara Canovas Nunes, PhD		Boston Children's Hospital	Targeting the Rac GTPase pathway to sabotage RAS signaling in RAS-mutated leukemia	New Co-fund for 2020, Matched by ALSF* for a total of \$50,000 directed to this project
<b>YEAR</b>	<b>\$175,000</b>				<b>TOTAL WITH MATCHING FUNDS</b>	<b>\$300,000</b>
<b>TO DATE:</b>	<b>\$1,635,000</b>				<b>TOTAL DIRECTED WITH MATCHING FUNDS TO DATE</b>	<b>\$3,080,000</b>

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## 2019





Grant year	Amount	Researcher	Institution	Project	Notes
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2019	\$25,000	Alice Bertaina, MD/PhD	 <b>Stanford</b> MEDICINE	Stanford Univ School of Medicine	Optimizing TCRαβ+/CD19+-depleted haploidentical HSCT for ALL using donor-derived genome-edited CAR T cells	Matched by ALSF* for a total of \$50,000 directed to this project
2019	\$25,000	Dean Lee, MD/PhD	 <b>NATIONWIDE CHILDREN'S</b> <i>When your child needs a hospital, everything matters.</i>	Research Institute at Nationwide Children's Hospital	Generation of CMV-specific CD19 CAR T cells Using Cytokine Capture Followed by Lentiviral Transduction and Expansion	Matched by ALSF* for a total of \$50,000 directed to this project
2019	\$50,000	Hasan Uludag, PhD	 <b>UNIVERSITY OF ALBERTA</b>	University of Alberta	Novel Therapy of Heterogeneous B-cell Acute Lymphocytic Leukemia by Targeting Convergent Oncogenic Mediators STATs	Matched by ALSF* for a total of \$100,000 directed to this project
2019	\$50,000	Vishal Khairnar, PhD	 <b>City of Hope</b>	City of Hope. Beckman Research Institute	Targeted Hyperactivation of PI3K/AKT in B- cell malignancies	Matched by ALSF* for a total of \$100,000 directed to this project
2019	\$50,000	Jessica Wagner, PhD	 <b>St. Jude Children's Research Hospital</b>	St Jude Children's Research Hosp	ECM-targeted CAR T-cell therapy for high- grade glioma	Matched by ALSF* for a total of \$100,000 directed to this project
<b>YEAR</b>					<b>TOTAL WITH MATCHING FUNDS</b>	<b>\$400,000</b>
<b>TO DATE: \$1,460,000</b>					<b>TOTAL DIRECTED WITH MATCHING FUNDS TO DATE</b>	<b>\$2,780,000</b>

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## 2018


Grant year	Amount	Researcher	Institution	Project	Notes	
2018	\$50,000	Eugenie Kleinerman, MD/PhD	 <b>MD Anderson Cancer Center</b> <i>Making Cancer History</i>	University of Texas MD Anderson Cancer Center	Energy Balance Strategies for Decreasing Chemotherapy-Induced Cardiotoxicity	Matched by ALSF* for a total of \$100,000 directed to this project
2018	\$50,000	Loren Walensky, MD/PhD	 <b>DANA-FARBER CANCER INSTITUTE</b>	Dana-Farber Cancer Institute	Targeting Oncogenic RAS In Pediatric Leukemia	Matched by ALSF* for a total of \$100,000 directed to this project

2018	\$50,000	Yong-mi Kim, MD/PhD	 Children's Hospital Los Angeles We Treat Kids Better	Children's Hospital Los Angeles	Physical Properties of Drug Resistant Leukemia Cells	Matched by ALSF* for a total of \$100,000 directed to this project
2018	\$25,000	Soheil Meshinchi, MD/PhD	 FRED HUTCH CURES START HERE™	Fred Hutchinson Cancer Research Center	Immuno-therapeutic Targeting of CD56 in CBA2T3/GLIS2-AML in Children	Matched by ALSF* for a total of \$50,000 directed to this project
2018	\$25,000	Rachael Schulte, MD	 VANDERBILT UNIVERSITY MEDICAL CENTER	Vanderbilt University Medical Center	Effect of SLCO Polymorphisms on High-Dose Methotrexate Clearance in Pediatric Oncology Patients	Matched by ALSF* for a total of \$50,000 directed to this project
2018	\$25,000	Dr. Erin Crowgey, PhD	 Nemours, Alfred I. duPont Hospital for Children	Nemours Center for Cancer and Blood Disorders	Pediatric Genomics Cancer Research Program	
YEAR			\$225,000		TOTAL WITH MATCHING FUNDS \$425,000	
TO DATE: \$1,260,000					TOTAL DIRECTED WITH MATCHING FUNDS TO DATE \$2,380,000	

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## 2017

Grant year	Amount	Researcher	Institution	Project	Notes	
2017	\$50,000	Andras Heczey, MD & Leonid Metelitsa, MD/PhD	 BCM Baylor College of Medicine	Baylor College of Medicine	Natural Killer T Cells With an IL-15-armoured GD2-specific CAR for Children With Neuroblastoma	Matched by ALSF* for a total of \$100,000 directed to this project
2017	\$50,000	Linda Resar, M.D.	 JOHNS HOPKINS SCHOOL of MEDICINE	The Johns Hopkins University School of Medicine	Novel Approaches for Epigenetic Therapy for Relapsed Acute Lymphoblastic Leukemia	Matched by ALSF* for a total of \$100,000 directed to this project
2017	\$50,000	Anastasia Tikhonova, Ph.D.	 NYU School of Medicine	New York University School of Medicine	Identifying and Targeting of Microenvironmental Factors Controlling Pediatric Leukemia	Matched by ALSF* for a total of \$100,000 directed to this project
2017	\$50,000	Andrea Flynn, M.D.	 The Children's Hospital of Philadelphia®	The Children's Hospital Of Philadelphia	Targeting Protein Translation to Antagonize MYC-driven Neuroblastoma	Matched by ALSF* for a total of \$100,000 directed to this project

2017	\$25,000	Dr. Erin Crowgey, PhD	 Nemours Alfred I. duPont Hospital for Children	Nemours Center for Cancer and Blood Disorders	Development of Genomic Capabilities for Use in Precise Diagnosis and Treatment of Pediatric Leukemia	
<b>YEAR</b>		<b>\$225,000</b>			<b>TOTAL WITH MATCHING FUNDS</b>	<b>\$425,000</b>
<b>TO DATE:</b>		<b>\$1,035,000</b>			<b>TOTAL DIRECTED WITH MATCHING FUNDS TO DATE</b>	<b>\$1,955,000</b>






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## 2016

Grant year	Amount	Researcher	Institution	Project	Notes	
2016	\$50,000	Marie Bleakley, MD, PhD	 FRED HUTCH CURES START HERE™	Fred Hutchinson Cancer Research Center	HA-1 TCR T-cell Immunotherapy for Acute Leukemia	Matched by ALSF* for a total of \$100,000 directed to this project
2016	\$50,000	Dr. Kevin Cassidy, MD & Dr. Christopher Walker, PhD	 NATIONWIDE CHILDREN'S When your child needs a hospital, everything matters.™	Children's Research Institute at Nationwide Children's Hospital	Improving Immun-Mediated Oncolytic Viral Therapy: Engineering Tumor Vaccine Elements into the Virus	Matched by ALSF* for a total of \$100,000 directed to this project
2016	\$50,000	Dr. Stephen Gottschalk, MD & Dr. Nino Rainusso, MD	 Texas Children's Cancer and Hematology Centers	Baylor College of Medicine	CD47-blocking Oncolytic Vaccinia Viruses as Biotherapeutics for Pediatric Solid Tumors	Matched by ALSF* for a total of \$100,000 directed to this project
2016	\$50,000	Dr. Craig Mullen, MD/PhD	 UNIVERSITY of ROCHESTER MEDICAL CENTER	University of Rochester	Targeting Microenvironmental Support of Acute Lymphoblastic Leukemia	Matched by ALSF* for a total of \$100,000 directed to this project
2016	\$25,000	Dr. Erin Crowgey, PhD	 Nemours Alfred I. duPont Hospital for Children	Nemours Center for Cancer and Blood Disorders	Critical Genomics Cancer Research	
<b>YEAR</b>		<b>\$225,000</b>			<b>TOTAL WITH MATCHING FUNDS</b>	<b>\$425,000</b>
<b>TO DATE:</b>		<b>\$810,000</b>			<b>TOTAL DIRECTED WITH MATCHING FUNDS TO DATE</b>	<b>\$1,530,000</b>


## 2015





Grant year	Amount	Researcher	Institution	Project	Notes
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2015	\$50,000	Robert Seeger, MD Alan Wayne, MD	 Children's Hospital Los Angeles We Treat Kids Better	Children's Hospital Los Angeles	Antibody Targeted Natural Killer Cell-Derived Extracellular Vesicles for the Treatment of Childhood Lymphoblastic Leukemia and Neuroblastoma.	Matched by ALSF* for a total of \$100,000 directed to this project
2015	\$50,000	Anthony Faber, MD Yael Mosse, MD (CHOP)	 VCU	Virginia Commonwealth University	Pharmacogenetics and Drug Screening Lead to Novel Targeted Therapy with Potent and Specific Activity Against Mouse Models of MYCN-amplified Neuroblastoma	Matched by ALSF* for a total of \$100,000 directed to this project
2015	\$50,000	Roland Walter, MD, PhD James Olson, MD, PhD	 FRED HUTCH CURES START HERE™	Fred Hutchinson Cancer Research Center	Optimizing Bispecific Antibody Therapy for Acute Leukemias	Matched by ALSF* for a total of \$100,000 directed to this project
2015	\$50,000	Timothy Gershon, MD, PhD	 THE UNIVERSITY of NORTH CAROLINA at CHAPEL HILL	University of North Carolina	Preclinical Development of Atr Inhibitor VE-822, Delivered Systemically in Nanoparticles, for Medulloblastoma Therapy	Matched by ALSF* for a total of \$100,000 directed to this project
2015	\$25,000	Nemours Leukemia Research	 Nemours Alfred I. duPont Hospital for Children	Nemours/Alfred I DuPont Hospital for Children	Genomic Sequencing for Pediatric Acute Myeloid Leukemia	
<b>YEAR</b>		<b>\$225,000</b>			<b>TOTAL WITH MATCHING FUNDS</b>	<b>\$425,000</b>
<b>TO DATE:</b>		<b>\$585,000</b>			<b>TOTAL DIRECTED WITH MATCHING FUNDS TO DATE</b>	<b>\$1,105,000</b>

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## 2014



Grant year	Amount	Researcher	Institution	Project	Notes	
2014	\$75,000	Marie Bleakley, MD, PhD	 FRED HUTCH CURES START HERE™	Fred Hutchinson Cancer Research Center	HA-1 TCR T-cell Immunotherapy for Acute Leukemia	Matched by ALSF* for a total of \$150,000 directed to this project
2014	\$50,000	Leonid Metelitsa, MD, PhD	 Texas Children's Cancer and Hematology Centers	Baylor College of Medicine	Immunotherapy of Neuroblastoma with CAR.GD2 NKT Cells,	Matched by ALSF* for a total of \$100,000 directed to this project

2014	\$25,000	Stephen Gottschalk, MD		Baylor College of Medicine	Two-pronged Cell Therapy: Engineering T Cells to Redirect Bystander T- and NK-Cells to Pediatric Cancer	Matched by ALSF* for a total of \$50,000 directed to this project	
2014	\$25,000	Steven Ghivizzani, PhD		University of Florida	Development of AAV Vectors for Efficient Targeting and Elimination of Osteosarcoma Tumor-Initiating Cells	Matched by ALSF* for a total of \$50,000 directed to this project	
2014	\$25,000	Heide Ford, PhD		University of Colorado Denver	Targeting the Six1/Eya Transcriptional Complex to Inhibit Pediatric Sarcomas	Matched by ALSF* for a total of \$50,000 directed to this project	
2014	\$20,000	Nemours Leukemia Research		Nemours/Alfred I DuPont Hospital for Children	Targeting epigenetic regulation of childhood leukemias		
<b>YEAR</b>		<b>\$220,000</b>			<b>TOTAL WITH MATCHING FUNDS</b>		<b>\$420,000</b>
<b>TO DATE:</b>		<b>\$360,000</b>			<b>TOTAL DIRECTED WITH MATCHING FUNDS TO DATE</b>		<b>\$680,000</b>

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## 2013

Grant year	Amount	Researcher	Institution	Project	Notes	
2013	\$20,000	David Langenau, M.D.		Massachusetts General Hospital, Boston, MA	Novel Therapeutic Targets in Relapse T-Cell Acute Lymphoblastic Leukemia	Matched by ALSF* for a total of \$40,000 directed to this project
2013	\$20,000	Garrett M. Brodeur, M.D.		Children's Hospital of Philadelphia, Philadelphia, PA	Nanoparticle Delivery of Therapeutic Agents in Neuroblastomas	Matched by ALSF* for a total of \$40,000 directed to this project
2013	\$20,000	Loren Walensky, M.D., Ph.D.		Dana-Farber Cancer Institute, Boston, MA	Reactivating Apoptosis in Refractory Pediatric Cancer by Molecular Inhibition of MCL-1	Matched by ALSF* for a total of \$40,000 directed to this project
2013	\$30,000	Doug Graham, M.D., Ph.D.		University of Colorado	Novel Mer Tyrosine Kinase Inhibitor for the Treatment of ALL.	Matched by ALSF* for a total of \$60,000 directed to this project

2013	\$30,000	James Amatruda, M.D., Ph.D.		UT Southwestern	B-Lapachone as a Novel Targeted Therapy for ATRTs and other Pediatric Cancers.	Matched by ALSF* for a total of \$60,000 directed to this project
2013	\$20,000	Nemours Leukemia Research		Nemours/Alfred I DuPont Hospital for Children	To gain better understanding of the molecular mechanisms of drug resistance and relapse in childhood leukemia, and to develop therapies specific to pediatric cancer targets	
<b>YEAR</b>	<b>\$140,000</b>				<b>TOTAL WITH MATCHING FUNDS</b>	<b>\$260,000</b>
<b>TO DATE:</b>	<b>\$140,000</b>				<b>TOTAL DIRECTED WITH MATCHING FUNDS TO DATE</b>	<b>\$260,000</b>

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