

# Research Projects funded by Ohio Cancer Research As of 9/14/2011

**Grand Total of Funds Generated: \$158,879,960**

		Funded :	Generated :
<b>BOWLING GREEN STATE UNIVERSITY</b>			
<b>DORIS J BECK</b>	<i>[Molecular Genetics]</i>		
<i>Repair and Mutagenicity of Damage in DNA caused by Platinum Antitumor Compounds</i>		1988	\$38,510
			\$15,000
<b>VLADIMIR V POPIK</b>	<i>[Breast Cancer]</i>		
<i>Development of Two-Photon Photoactivatable Eneidyne Antibiotics</i>		2001	\$50,000
			\$1,021,356
<b>LAKSHMIDEVI PULAKAT</b>	<i>[Breast Cancer]</i>		
<i>AT2-Mediated Regulation of the ErbB2/3 in Breast Cancer</i>		2001	\$50,000
<b>WILLIAM M SCOVELL</b>	<i>[Molecular Genetics]</i>		
<i>Selective CIS-(NH3)2 PE Cl2 Crosslinking in Chromatin</i>		1986	\$40,000
			\$573,899
		<b>Total:</b>	\$178,510
			\$1,610,255
<b>CASE WESTERN RESERVE UNIVERSITY</b>			
<b>RAJESH AGARWAL</b>	<i>[Prostate Cancer]</i>		
<i>Antioxidants and Prostate Cancer Chemoprevention</i>		1997	\$40,000
			\$4,486,736
<b>NIHAL AHMAD</b>	<i>[Skin and Prostate Cancer]</i>		
<i>Resveratrol in Prevention of Cancer</i>		1999	\$50,000
			\$2,052,484
<i>Role of Ornithine Decarboxylase in Phtotcarcinogenesis</i>		2001	\$25,000
<b>BARBARA BEDOGNI</b>	<i>[Skin Cancer]</i>		
<i>Dissecting the role of the Notch signaling pathway in melanoma metastasis</i>		2010	\$60,000
<b>MATTHIAS BUCK</b>	<i>[Molecular Genetics]</i>		
<i>cMet/Eph Phosphorylation of Small GTPases and their Role in Cancer</i>		2008	\$48,981
			\$100,000
<b>DAVID DANIELPOUR</b>	<i>[Prostate Cancer]</i>		
<i>Regulation of TGF-beta signal transduction by IGF-I in prostatic cells</i>		1999	\$50,000
			\$3,661,615
<b>CLARK W DISTELHORST</b>	<i>[Hormone Therapy]</i>		
<i>Steroid Receptor Nuclear Uptake Mechanism</i>		1993	\$39,753
			\$4,913,432
<b>PHILIP PAUL GARNER</b>	<i>[Gene Mutation]</i>		
<i>The Development of Novel Oligonucleotide Surrogates</i>		1994	\$40,000
<b>ANTONIO GUALBERTO</b>	<i>[Gene Mutation]</i>		
<i>Altered Mitotic Checkpoint in p53 mutant cells</i>		1999	\$9,662
<b>ZHONGWU GUO</b>	<i>[Molecular Genetics]</i>		
<i>Glycoengineering Cancer Cells for Selective Immunotargeting of Cancer</i>		2001	\$50,000
			\$1,952,383
<b>ZHILIN HU</b>	<i>[Lung Cancer]</i>		
<i>Bronchoscopic OCT imaging to identify premalignant changes in the pulmonary epithelium</i>		2006	\$49,996
<b>HUNG-YING KAO PHD</b>	<i>[Leukemia]</i>		
<i>The Role Of GPS2 In Transcriptional Co-Repressor SMRT-Mediated Repression Activity</i>		2002	\$50,000
<b>SANTOSH K KATIYAR</b>	<i>[Skin Cancer]</i>		
<i>UV-induced oxidative stress-mediated human skin cancer, and prevention by antioxidants</i>		1999	\$50,000
			\$2,462,935

			<b>Funded :</b>	<b>Generated :</b>
<b>HUA LOU</b>	<i>[Thyroid Cancer]</i>			
<i>Medullary Thyroid Carcinoma As A Model To Study Alternative RNA Splicing</i>		2002	<b>\$41,830</b>	<b>\$3,778,106</b>
<b>PATRICK C MA</b>	<i>[Lung Cancer]</i>			
<i>High-Throughput Cell-Based MET Inhibitor Development For Lung Cancer Individualized Therapy</i>		2006	<b>\$50,000</b>	<b>\$1,342,660</b>
<b>SANFORD MARKOWITZ</b>	<i>[Colon Cancer]</i>			
<i>Novel Markers of Colon Cancer Progression and Prognosis</i>		1994	<b>\$40,000</b>	<b>\$6,000,000</b>
<b>MONICA MONTANO</b>	<i>[Breast Cancer]</i>			
<i>Estrogen Receptor-Selective Coactivators in Breast Cancer Cells</i>		1999	<b>\$50,000</b>	<b>\$3,562,037</b>
<b>NARENDRA NARAYANA</b>	<i>[Leukemia]</i>			
<i>Crystal Structure Determination of DSX-DNA Complex</i>		2002	<b>\$25,000</b>	
<b>ELLEN RORKE PHD</b>	<i>[Cervical Cancer]</i>			
<i>Epidermal Growth Factor in Human Cervical Cancer</i>		1995	<b>\$40,000</b>	
<b>HORST VON RECUM</b>	<i>[Chemotherapy]</i>			
<i>Multiplexing Molecular Interactions to Improve Chemotherapeutic Delivery</i>		2008	<b>\$50,000</b>	<b>\$450,000</b>
<b>DAVID WALD</b>	<i>[Leukemia]</i>			
<i>Characterization of a novel pathway to selectively target AML cells</i>		2010	<b>\$60,000</b>	
<b>SCOTT M WELFORD</b>	<i>[Radiation Oncology/Renal Cancer]</i>			
<i>The impact of tissue hypoxia on tumor initiation.</i>		2010	<b>\$60,000</b>	
<b>YANWU YANG PHD</b>	<i>[Tumor Research]</i>			
<i>Structural Mechanism of How SnoN-FHL2 Complex Activates Wnt/beta-catenin Signaling</i>		2007	<b>\$50,000</b>	
<b>LAN ZHOU</b>	<i>[Leukemia]</i>			
<i>The Role of Aberrant Notch Signaling in the Chronic Myeloproliferative Disorder Induced by Fucosylation Deficiency</i>		2007	<b>\$50,000</b>	<b>\$645,300</b>
			<b>Total:</b>	<b>\$1,080,222</b>
				<b>\$35,407,688</b>

## **CINCINNATI CHILDRENS HOSPITAL MEDICAL CENTER**

<b>ROBERT ARCECI</b>	<i>[Leukemia]</i>			
<i>A Preclinical Model for Immunotherapy of AML</i>		1995	<b>\$40,000</b>	<b>\$1,352,196</b>
<b>TAKIKO DAIKOKU</b>	<i>[Endometrial Cancer]</i>			
<i>Pten-Akt-Cox2 Signaling Axis in Endometrial Cancer</i>		2010	<b>\$60,000</b>	
<b>VRUSHANK G DAVE</b>	<i>[Lung Cancer]</i>			
<i>PTEN/PI3K/AKT Pathway in Lung Cancer</i>		2007	<b>\$50,000</b>	<b>\$308,000</b>
<b>BRIAN ANDREW GEBELEIN PHD</b>	<i>[Leukemia]</i>			
<i>A New Tumor Suppression Pathway in Leukemia</i>		2008	<b>\$50,000</b>	
<b>YI GU PHD</b>	<i>[Lymphoma]</i>			
<i>Role of Rac GTPases in p53-mediated Lymphomagenesis</i>		2006	<b>\$25,000</b>	
<b>RAPHAEL HIRSCH</b>	<i>[Molecular Genetics]</i>			
<i>MHC - Ig Fusion Proteins for Induction of Tumor Immunity</i>		1997	<b>\$40,000</b>	<b>\$1,495,131</b>
<b>GANG HUANG</b>	<i>[Leukemia]</i>			
<i>Molecular mechanisms of leukemogenesis mediated by MLL-partial tandem duplication (MLL-PTD)</i>		2011	<b>\$60,000</b>	

			<b>Funded :</b>	<b>Generated :</b>
<b>ANIL G JEGGA</b>	<i>[Gene Mutation]</i>			
<i>Functional Polymorphisms in p53 Response Elements</i>		2008	<b>\$50,000</b>	
<b>XINHUA LIN</b>	<i>[Kidney Cancer]</i>			
<i>Role of Dally-like, a Drosophila Glypican in Cell-Cell Signaling</i>		2001	<b>\$50,000</b>	<b>\$2,374,507</b>
<b>RUHIKANTA MEETEI</b>	<i>[Genetic Research]</i>			
<i>Functional and Molecular Characterization of two new members of the Bloom Syndrome Complex</i>		2010	<b>\$60,000</b>	
<b>JAMES MULLOY</b>	<i>[Leukemia]</i>			
<i>Genetic screen for pathways cooperating with AML1-ETO in leukemia induction</i>		2006	<b>\$50,000</b>	<b>\$1,066,794</b>
<b>SUSAN WALTZ</b>	<i>[Skin Cancer]</i>			
<i>Ron in Skin Cancer</i>		2001	<b>\$50,000</b>	<b>\$1,658,546</b>
<b>SUSANNE WELLS</b>	<i>[Cervical Cancer]</i>			
<i>DEK Oncogene Regulation by the Human Papillomavirus E6 Proteins</i>		2003	<b>\$50,000</b>	<b>\$1,563,965</b>
		<b>Total:</b>	<b>\$635,000</b>	<b>\$9,819,139</b>
<b>HIPPLE CANCER RESEARCH CENTER</b>				
<b>STEN EIRIK JACOBSEN</b>	<i>[Leukemia]</i>			
<i>TNF Receptors in Normal and Malignant Hematopoiesis</i>		1995	<b>\$40,000</b>	
		<b>Total:</b>	<b>\$40,000</b>	
<b>METROHEALTH MEDICAL CENTER</b>				
<b>BRUCE AVERBOOK</b>	<i>[Brain Cancer]</i>			
<i>Brain Tumor Immunosuppression of Tumor Draining Lymph Node Antitumor Reactivity</i>		1997	<b>\$40,000</b>	
<b>ARUNA BASU</b>	<i>[Pancreatic Cancer]</i>			
<i>Functional Analysis of LKB1 Gene Linked to Peutz-Jeghers Syndrome</i>		2001	<b>\$49,848</b>	<b>\$251,000</b>
<b>SUBRATA HALDAR PHD</b>	<i>[Skin Cancer]</i>			
<i>Epigenetic Inactivation of Apaf-1 in Metastatic Melanoma</i>		2002	<b>\$49,996</b>	
		<b>Total:</b>	<b>\$139,844</b>	<b>\$251,000</b>
<b>NATIONWIDE CHILDRENS HOSPITAL</b>				
<b>JOAN DURBIN</b>	<i>[Rhabdomyosarcoma]</i>			
<i>The Role of the PAX3FKHR Fusion Gene in the Development of Rhabdomyosarcoma</i>		1999	<b>\$45,000</b>	
<b>RISA KITAGAWA</b>	<i>[Tumor Studies]</i>			
<i>Securin function in cancer and development</i>		2011	<b>\$30,000</b>	
<b>NATARAJAN MUTHUSAMY DVM PHD</b>	<i>[Lymphoma]</i>			
<i>Defining the role of Ets-1 transcription factor in B lymphocyte growth and differentiation</i>		1999	<b>\$45,000</b>	
<b>SUE O'DORISIO</b>	<i>[Gastrointestinal]</i>			
<i>Vasoactive Intestinal Peptides: Neuromodulator of the Immune Response</i>		1986	<b>\$39,986</b>	<b>\$1,200,000</b>
		<b>Total:</b>	<b>\$159,986</b>	<b>\$1,200,000</b>
<b>OHIO UNIVERSITY</b>				
<b>ELISAR BARBAR</b>	<i>[Tumor Research]</i>			
<i>Cytoplasmic Dynein: Assembly and Structural Characterization</i>		1999	<b>\$50,000</b>	<b>\$2,077,948</b>
<b>MONICA BURDICK</b>	<i>[Breast Cancer]</i>			
<i>Identification of E-selectin Ligands on Breast Cancer Cells</i>		2008	<b>\$50,000</b>	<b>\$646,899</b>

		Funded :	Generated :	
		<b>Total:</b>	<b>\$100,000</b>	<b>\$2,724,847</b>
<b>THE CLEVELAND CLINIC FOUNDATION</b>				
<b>MUNNA AGARWAL</b>	<i>[Gene Mutation]</i>			
<i>Identification of molecular components involved in regulation of p53 function</i>		1999	<b>\$50,000</b>	
<b>MARINA ANTOCH</b>	<i>[Cancer Therapy]</i>			
<i>Diagnostic Markers Of Mammalian Circadian Clock Function</i>		2002	<b>\$50,000</b>	<b>\$1,676,250</b>
<b>SIPRA BANERJEE</b>	<i>[Breast Cancer]</i>			
<i>Genomic Instability in Familial Breast Cancer</i>		1995	<b>\$40,000</b>	<b>\$306,675</b>
<b>CHRISTINE CAMPBELL</b>	<i>[Breast Cancer]</i>			
<i>Role of the T-box genes, TBX2 and TBX3, in breast carcinoma</i>		1997	<b>\$40,000</b>	
<b>MALACHI MIXON III</b>	<i>[Special Gift]</i>			
<i>Restricted gift (grant) for cancer research</i>		2007	<b>\$10,000</b>	
<b>TAO LU</b>	<i>[Colon cancer]</i>			
<i>Study the role of FBXL 11 protein in colitis associated cancer (CAC).</i>		2010	<b>\$60,000</b>	
<b>MARIE-ODILE PARAT</b>	<i>[Molecular Genetics]</i>			
<i>Role of Caveolin-1 in H-Ras Targeting</i>		2005	<b>\$50,000</b>	<b>\$750,000</b>
<b>NYWANA SIZEMORE</b>	<i>[Breast Cancer]</i>			
<i>Molecular Targets Of The PI3K/AKT/IKK Pathway In Breast Cancer</i>		2002	<b>\$49,500</b>	<b>\$1,005,097</b>
<b>MICHAEL A VOGELBAUM MD PHD</b>	<i>[Brain Cancer]</i>			
<i>Regulation of Apoptosis in Glioma Primary Cell Cultures</i>		2001	<b>\$50,000</b>	
		<b>Total:</b>	<b>\$399,500</b>	<b>\$3,738,022</b>
<b>THE OHIO STATE UNIVERSITY</b>				
<b>SAMIR ACHARYA</b>	<i>[Colon Cancer]</i>			
<i>Role of Mismatch Repair in Cell Survival</i>		2007	<b>\$24,726</b>	<b>\$100,000</b>
<b>KEIKO AKAGI</b>	<i>[Leukemia]</i>			
<i>Bioinformatics Analysis of Genomic Mutations in Chronic Lymphocytic Leukemia</i>		2011	<b>\$30,000</b>	
<b>RAMI AQEILAN</b>	<i>[Tumor Cells Research]</i>			
<i>Role of the WW Domain-Containing Oxidoreductase (WWOX) Gene in Skeletal Development and Bone Neoplasia</i>		2007	<b>\$50,000</b>	
<b>XUE-FENG BAI</b>	<i>[Gene Mutation]</i>			
<i>Novel Strategies to Overcome Antigenic Drift</i>		2005	<b>\$50,000</b>	
<b>ROBERT A BAIOCCHI</b>	<i>[Lymphoma]</i>			
<i>Role of the Arginine Methyltransferase PRMT5 in B cell Transformation</i>		2007	<b>\$50,000</b>	<b>\$775,000</b>
<b>BRENT C. BEHRENS</b>	<i>[Molecular Genetics]</i>			
<i>Evaluation of Proton NMR Spectroscopy as an Indicator of Tumor Burden</i>		1988	<b>\$15,762</b>	
<b>ROBERT W. BRUEGGEMEIER</b>	<i>[Breast Cancer]</i>			
<i>Examination of Steroid-Protein Interactions 12- Using 19f-NMR Spectroscopy</i>		1983	<b>\$18,850</b>	<b>\$2,100,000</b>
<b>ING-MING CHIU</b>	<i>[Leukemia]</i>			
<i>Molecular Lesion of 5q- Chromosome in Acute Non-Lymphocytic Leukemia (ANLL) Pateints</i>		1988	<b>\$39,000</b>	<b>\$5,530,025</b>
<b>SUSAN E COLE</b>	<i>[Molecular Genetics]</i>			
<i>Modulation of Lunatic fringe gene activity and Notch signaling in the segmentation clock</i>		2005	<b>\$50,000</b>	<b>\$685,000</b>

			<b>Funded :</b>	<b>Generated :</b>
<b>ROBERT W CURLEY</b>	<i>[Chemoprevention]</i>			
<i>NMR Studies of Drug-Receptor Interactions: Chemopreventive Retinoids</i>		1991	<b>\$20,000</b>	<b>\$129,000</b>
<b>JAMES WILLIAM DEWILLE</b>	<i>[Breast Cancer]</i>			
<i>Mammary tumors express a C/EBP-b transcription inhibitor</i>		1997	<b>\$39,600</b>	<b>\$2,204,722</b>
<b>HAROLD A FISK</b>	<i>[Molecular Genetics]</i>			
<i>Regulation of the Centrosomal Degradation of the Mps1 Protein Kinase</i>		2007	<b>\$50,000</b>	<b>\$1,293,750</b>
<b>DARRELL R GALLOWAY PHD</b>	<i>[Skin Cancer]</i>			
<i>Development and Analysis of a Recombinant Protein for the Exogenous Delivery of a Melanoma-specific CTL Peptide</i>		1995	<b>\$20,000</b>	
<b>DENIS C GUTTRIDGE</b>	<i>[Molecular Studies]</i>			
<i>NF-kappa B Regulation of Cell Growth Control in GI/S</i>		2002	<b>\$50,000</b>	<b>\$1,600,000</b>
<b>TSONWIN HAI</b>	<i>[Molecular Genetics]</i>			
<i>Caspases in ATF3-Induced Apoptosis</i>		1999	<b>\$48,000</b>	<b>\$1,209,505</b>
<b>PAUL KENNETH HERMAN</b>	<i>[Molecular Genetics]</i>			
<i>GO and the control of eukaryotic cell proliferation</i>		1997	<b>\$40,000</b>	<b>\$2,351,419</b>
<b>DAVID H IVES</b>	<i>[Molecular Genetics]</i>			
<i>Development of Solid-Phase Immunoassays for Human Deoxynucleoside Kinase Isoenzymes</i>		1986	<b>\$34,348</b>	<b>\$806,000</b>
<b>SISSY M JHIANG</b>	<i>[Brain Cancer]</i>			
<i>Gene Transfer of Na/I Symporter Tumors for Radioiodine Treatment</i>		1997	<b>\$40,000</b>	<b>\$2,340,931</b>
<b>VICTOR JIN</b>	<i>[Breast Cancer]</i>			
<i>Characterization of AKT -mediated Transcriptional Regulation in Breast Cancer</i>		2011	<b>\$60,000</b>	
<b>LEE F JOHNSON</b>	<i>[Thyroid Cancer]</i>			
<i>Determination of the Primary Structure of Mammalian Thymidylate Synthetase</i>		1983	<b>\$48,140</b>	<b>\$762,240</b>
<b>LAURA ANN KRESTY</b>	<i>[Esophageal Cancer]</i>			
<i>Reversing Epigenetic Changes Through HDAC Inhibition: A Tool for Cancer Prevention</i>		2005	<b>\$49,919</b>	<b>\$330,000</b>
<b>MICHAEL D LAIRMORE</b>	<i>[Lymphoma]</i>			
<i>Mechanisms of Regulation of Human T-Lymphotropic Virus</i>		1991	<b>\$39,993</b>	<b>\$17,705,969</b>
<b>MARY MACVICAR</b>	<i>[Breast Cancer]</i>			
<i>Effects of Bicycle Ergometer Program in Functional Status of Women with Breast Cancer</i>		1982	<b>\$17,357</b>	<b>\$1,200,000</b>
<b>LOUIS MALSPEIS PHD</b>	<i>[Chemotherapy Delivery]</i>			
<i>Pharmacologic and Pharmacokinetic Studies of Cancer Drugs-Equipment</i>		1983	<b>\$40,644</b>	
<b>LOUIS MANSKY PHD</b>	<i>[Leukemia]</i>			
<i>Human T-Cell Leukemia Virus Type 1 RNA Encapsidation</i>		1999	<b>\$46,000</b>	
<b>GEORGE E MILO PHD</b>	<i>[Gene Mutation]</i>			
<i>Evaluation of Human Tumors by Clonogenic Array</i>		1982	<b>\$14,796</b>	
<b>STEFAN NIEWIESK</b>	<i>[Leukemia]</i>			
<i>Induction of oncolysis in Adult T Cell Leukemia Through Heat Shock Protein Induction and Measles Virus Co-Infection</i>		2005	<b>\$50,000</b>	
<b>GREGORY OTTERSON</b>	<i>[Lung Cancer]</i>			
<i>Molecular Changes in Non-small Cell Lung Cancer</i>		1999	<b>\$46,000</b>	<b>\$1,558,848</b>
<b>DEBORAH S PARRIS</b>	<i>[Molecular Genetics]</i>			
<i>Function of Herpes Simplex Virus Deoxyribonuclease</i>		1983	<b>\$43,587</b>	<b>\$1,660,000</b>

			<b>Funded :</b>	<b>Generated :</b>
<b>PAIVI PELTOMAKI</b>	<i>[Colon Cancer]</i>			
<i>Genetic basis of tumor spectrum in hereditary nonpolyposis colon cancer</i>		1999	<b>\$45,000</b>	<b>\$496,575</b>
<b>JOHN RINEHART PHD</b>	<i>[Chemotherapy]</i>			
<i>Evaluation of Biologic Modifiers and Chemotherapeutics</i>		1983	<b>\$59,376</b>	
<b>ARTHUR L SAGONE JR MD</b>	<i>[Hematology]</i>			
<i>Importance of the HMPS Pathway in the Metabolism of Tumor Tissue</i>		1988	<b>\$35,100</b>	
<b>JAMES SHAW PHD</b>	<i>[Gene Mutation]</i>			
<i>Production of Monoclonal Antibody to EBV-Induced DNA Polymerase</i>		1983	<b>\$18,850</b>	
<b>AMANDA SIMCOX</b>	<i>[Molecular Genetics]</i>			
<i>Identification of Novel Components in the Drosophila EGF-Receptor Signaling Pathway</i>		1997	<b>\$40,000</b>	<b>\$306,600</b>
<b>DUXIN SUN</b>	<i>[Chemotherapy]</i>			
<i>Targeted Prodrug Delivery for Cancer Therapy</i>		2005	<b>\$50,000</b>	<b>\$1,758,726</b>
<b>WERNER TJARKS PHD</b>	<i>[Head and Neck Cancer]</i>			
<i>Synthesis of Boron and Gadolinium Containing Texaphyrins For NCT of Head and Neck Cancer</i>		2003	<b>\$50,000</b>	
<b>HARALD VAESSIN</b>	<i>[Molecular Genetics]</i>			
<i>Regulation of Cdk inhibitor expression</i>		1997	<b>\$38,389</b>	<b>\$325,085</b>
<b>NINA MAYR</b>	<i>[Prostate Cancer]</i>			
<i>Towards Optimal Radiation Therapy:Radiobiological Modeling of Prostate Cancer</i>		2010	<b>\$60,000</b>	
<b>MICHAEL B WEINSTEIN</b>	<i>[Molecular Genetics]</i>			
<i>Functions of Smad2 in Mesodermal Differentiation and Tumor Progression</i>		2001	<b>\$50,000</b>	<b>\$20,000</b>
<b>KARL ANDREW WERBOVETZ</b>	<i>[Chemotherapy]</i>			
<i>Characterization of the Tubulin Peptide Binding Site</i>		2002	<b>\$50,000</b>	
<b>MARSHALL VANCE WILLIAMS PHD</b>	<i>[Colon Cancer]</i>			
<i>Fluorodeoxyuridine, dUTPASE and Colorectal Cancer</i>		1995	<b>\$38,318</b>	
<b>JIAN-QUI WU</b>	<i>[Molecular Genetics]</i>			
<i>Phosphorylation of the Anillin Md 1 p bt Polo Kinase During Cytokinesis</i>		2008	<b>\$25,000</b>	<b>\$1,575,000</b>
<b>SUNG YOON</b>	<i>[Molecular Genetics]</i>			
<i>Determination of upstream regulators of p75-mediated JNK activation</i>		1999	<b>\$46,000</b>	<b>\$3,521,071</b>
<b>PAN ZHENG</b>	<i>[Prostate Cancer]</i>			
<i>Antigen Presentation Defects in Prostate Cancer</i>		1999	<b>\$50,000</b>	<b>\$778,500</b>
<b>BRUCE S ZWILLING PHD</b>	<i>[Gene Mutation]</i>			
<i>Cyclic AMP Dependent Protein Kinase, Regulation of Macrophage Antitumor Activity</i>		1986	<b>\$35,557</b>	
		<b>Total:</b>	<b>\$1,818,312</b>	<b>\$53,123,966</b>

## **UNIVERSITY OF CINCINNATI**

<b>ZALFA A ABDEL-MALEK</b>	<i>[Skin Cancer]</i>			
<i>Elucidation of the Role of the MCI Receptor Gene as a Tumor Susceptibility Gene</i>		1997	<b>\$20,000</b>	<b>\$1,236,364</b>
<i>Oxygen Radicals Mediate the Mutagenic Effects of UVA on Melanocytes</i>		2001	<b>\$16,716</b>	<b>\$3,463,803</b>
<i>Protective Role of Melanin Against Photocarcinogenesis</i>		1993	<b>\$39,996</b>	<b>\$990,379</b>
<b>DAVID S. ASKEW</b>	<i>[Leukemia]</i>			
<i>Function of the His-1 Gene in Leukemogenesis</i>		1999	<b>\$24,000</b>	

		Funded :	Generated :
<b>MICHELLE CRAIG BARTON</b>	<i>[Breast Cancer]</i>		
<i>A cell-free model of p53 nuclear transport dysfunction in breast cancer cells</i>	1997	<b>\$40,000</b>	
<b>ARTHUR BUCKLEY</b>	<i>[Genetic Research]</i>		
<i>Novel Tumor Growth, Differentiation, and Apoptosis Genes</i>	1999	<b>\$48,000</b>	<b>\$165,000</b>
<b>RODNEY PETER DEKOTER</b>	<i>[Leukemia]</i>		
<i>A Mouse Model of Myeloid Leukemia Caused By a Novel Hypomorphic Mutation of PU.1</i>	2007	<b>\$50,000</b>	<b>\$1,731,130</b>
<b>JOANNA GRODEN</b>	<i>[Genetic Research]</i>		
<i>A Human Helicase and its Effects on Cancer Predisposition and Genomic Instability</i>	1997	<b>\$40,000</b>	<b>\$10,530,857</b>
<b>ANA LUISA KADEKARO</b>	<i>[Skin Cancer]</i>		
<i>Defining the Regulation of p53 and its Pathway by Autocrine/Paracrine Factors in UVR-irradiated Human Melanocytes</i>	2006	<b>\$49,998</b>	<b>\$450,000</b>
<b>SOHAIB A KHAN</b>	<i>[Breast Cancer]</i>		
<i>Mechanism of Estrogen Action: Estrogen Receptor Associated Proteins</i>	1995	<b>\$40,000</b>	<b>\$2,310,528</b>
<b>ERIK KNUDSEN</b>	<i>[Gene Mutation]</i>		
<i>Retinoblastoma Tumor Suppressor: Role in Checkpoint Control</i>	1999	<b>\$48,000</b>	<b>\$1,237,962</b>
<b>ANDREW M LOWY</b>	<i>[Stomach Cancer]</i>		
<i>Tcf/beta catenin transactivation in gastric cancer</i>	2001	<b>\$49,690</b>	<b>\$1,083,775</b>
<b>SHAN LU</b>	<i>[Prostate Cancer]</i>		
<i>The molecular pathway of Vav3-mediated androgen receptor activation in prostate cancer</i>	2006	<b>\$50,000</b>	<b>\$1,333,262</b>
<b>SHIUH WEN LUOH MD</b>	<i>[Breast Cancer]</i>		
<i>HER-2/NEU Amplification In Human Breast Cancer</i>	2001	<b>\$50,000</b>	
<b>MARIO MEDVEDOVIC</b>	<i>[Breast Cancer]</i>		
<i>Global gene expression profiles for the very early prediction of breast cancer</i>	2006	<b>\$25,000</b>	
<b>RANASINGHAGE C SAMARATUNGA PHD</b>	<i>[Radiation]</i>		
<i>Radiodosimetry for the Treatment of Skeletal Lesions</i>	1997	<b>\$19,806</b>	
<b>YOLANDA SANCHEZ</b>	<i>[Gene Mutation]</i>		
<i>Identification of novel components of the DNA damage checkpoint pathways</i>	1999	<b>\$50,000</b>	<b>\$2,701,086</b>
<i>The Role of Sfp1 in the Response to DNA Damage</i>	2004	<b>\$50,000</b>	
<b>JEFFREY J SUSSMAN MD</b>	<i>[Skin Cancer]</i>		
<i>Immune Response Modulation Improves Cancer Immunotherapy</i>	1999	<b>\$24,335</b>	
<b>GLENN TALASKA</b>	<i>[Bladder Cancer]</i>		
<i>Benzidine and B-naphthylamine DNA Adducts in Humans</i>	1997	<b>\$40,000</b>	<b>\$690,180</b>
<b>NEVILLE TAM PHD</b>	<i>[Prostate Cancer]</i>		
<i>Dietary Soy and Epigenetic Modulation in Androgen-independent Prostrate Cancer</i>	2008	<b>\$49,857</b>	
<b>CRAIG R TOMLINSON PHD</b>	<i>[Breast Cancer]</i>		
<i>Global gene expression profiles for the very early prediction of breast cancer</i>	2005	<b>\$25,000</b>	
<b>YING XIA</b>	<i>[Chemotherapy]</i>		
<i>Role of MEKK1 in Anticancer Treatment</i>	2002	<b>\$50,000</b>	<b>\$4,625,768</b>
<b>JINSONG ZHANG</b>	<i>[Leukemia]</i>		
<i>Role of E Protein Inactivation in Leukemogenesis by AML1-ETO</i>	2008	<b>\$35,000</b>	<b>\$1,962,500</b>
<b>XIAOTING ZHANG</b>	<i>[Breast Cancer]</i>		
<i>The ER/MED1 Axis and Mammary Stem/Progenitor Cells</i>	2011	<b>\$60,000</b>	

		Funded :	Generated :
		<b>Total:</b>	\$995,398      \$34,512,594
<b>UNIVERSITY OF DAYTON</b>			
<b>AMIT SINGH</b>	<i>[Gene Mutation]</i>		
<i>A Drosophila Model to Study the Role of the Notch Ligand Serrate (Jagged-1) in Growth and Cancer</i>		2008	\$50,000      \$229,250
		<b>Total:</b>	\$50,000      \$229,250
<b>UNIVERSITY OF TOLEDO</b>			
<b>GLORIA BORGSTAHL</b>	<i>[Genetic Research]</i>		
<i>Crystallization of Native and Phosphorylated RPA</i>		1999	\$50,000      \$720,000
<b>IVANA DE LA SERNA</b>	<i>[Skin Cancer]</i>		
<i>De-regulation of Chromatin Remodeling by BRAF (V600E) in Melanoma</i>		2008	\$50,000      \$1,176,888
<b>JOHN DAVID DIGNAM</b>	<i>[Molecular Research]</i>		
<i>Adenoassociated Virus Rep78 Protein</i>		1997	\$40,000      \$1,371,815
<b>HAN-FEI DING</b>	<i>[Genetic Research]</i>		
<i>Capase-8 and p53 in N-Myc-Induced Sensitization to Apoptosis</i>		2001	\$50,000      \$1,393,154
<b>FAN DONG</b>	<i>[Gene Mutation]</i>		
<i>Gfi-1 in the Regulation of p21 Cip</i>		2007	\$50,000      \$1,056,000
<b>SONG-TAO LIU</b>	<i>[Gene Mutation]</i>		
<i>Regulation of the Mitotic Checkpoint by hMPS1 KINASE</i>		2008	\$50,000      \$658,407
<b>STEVE MATTHEW PATRICK</b>	<i>[Gene Mutation]</i>		
<i>RPA Phosphorylation and DNA Binding: Roles in the Nbs1/MRN Interaction and ATR Signaling</i>		2007	\$50,000      \$1,437,165
<b>DOUGLAS LEE PITTMAN PHD</b>	<i>[Breast Cancer]</i>		
<i>Characterizing the RAD51D E233G High-Risk Breast Cancer Allele</i>		2005	\$50,000
<b>RANDALL JOE RUCH</b>	<i>[Lung Cancer]</i>		
<i>Lung Tumor Growth Inhibition: Role of Gap Junctions</i>		1993	\$39,600      \$150,000
<b>LIRIM SHEMSHEDINI</b>	<i>[Gene Mutation]</i>		
<i>Isolation of Repressors of the Androgen Receptor</i>		2001	\$50,000      \$926,987
<b>CYTHINA M SMAS</b>	<i>[Prostate Cancer]</i>		
<i>Function of the HLH Protein Id-1 in Prostate Cancer</i>		2001	\$50,000      \$1,411,888
<b>STEVEN J SUCHECK</b>	<i>[Tumor Cells Research]</i>		
<i>Solid Phase Synthesis of Cancer Antigens Containing Decarboxylative Ligation Functionality</i>		2007	\$50,000      \$334,651
<b>JAMES P TREMPE</b>	<i>[Tumor Cells Research]</i>		
<i>DNA Synthesis Inhibition by a Viral Regulatory Protein</i>		1991	\$38,907      \$2,400,000
<b>YIAN WANG MD</b>	<i>[Liver Cancer]</i>		
<i>Study on the Role of H-ras gene in susceptibility of liver tumor in inbred strains of mice.</i>		1993	\$34,619
<b>KAM CHI YEUNG</b>	<i>[Molecular Research]</i>		
<i>Substrates of Raf-1 Protein Kinase</i>		2002	\$50,000      \$575,019
<b>MING YOU MD PHD</b>	<i>[Lung Cancer]</i>		
<i>The Role of Suppressor Genes in the Pathogenesis of Human and Mouse Lung Tumors</i>		1991	\$38,523
		<b>Total:</b>	\$741,649      \$13,611,974

Funded : Generated :

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**WRIGHT STATE UNIVERSITY**

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<b>STEVEN BERBERICH</b>	<i>[Gene Mutation]</i>			
<i>DNA-PK phosphoorylation of the human Mdm-2 oncoprotein</i>		1997	<b>\$39,996</b>	<b>\$2,207,968</b>
<b>JOHN J TURCHI</b>	<i>[Gene Mutation]</i>			
<i>Mechanisms of Mammalian Telomere DNA Replication</i>		1995	<b>\$39,965</b>	<b>\$443,257</b>
<b>YONGIE XU</b>	<i>[Chemotherapy]</i>			
<i>Phosphorylation Network of the DNA Replication checkpoint in Fission Yeast</i>		2010	<b>\$60,000</b>	
		<b>Total:</b>	<b>\$139,961</b>	<b>\$2,651,225</b>

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**Grand Total of Research Funded:** \$6,478,381

**Grand Total of Funds Generated:** \$158,879,960 \*

**# of projects:** 150

**# of researchers:** 146

\*An additional \$950,000 was awarded to Dr. Carl Werbovets of OSU from NIH for a related, but non-cancer, research project.