

# Research Projects funded by Ohio Cancer Research

As of 9/1/2009

## Grand Total of Funds Generated: \$96,039,531

			Funded :	Generated :
<b>BOWLING GREEN STATE UNIVERSITY</b>				
DORIS J. BECK	<i>[Molecular Genetics]</i>			
<i>Repair and Mutagenicity of Damage in DNA caused by Platinum Antitumor Compounds</i>		1988	\$38,510	\$15,000
VLADIMIR V POPIK PHD	<i>[Breast Cancer]</i>			
<i>Development of Two-Photon Photoactivatable Eneidyne Antibiotics</i>		2001	\$50,000	\$630,500
LAKSHMIDEVI PULAKAT PHD	<i>[Breast Cancer]</i>			
<i>AT2-Mediated Regulation of the ErbB2/3 in Breast Cancer</i>		2001	\$50,000	
WILLIAM M SCOVELL PHD	<i>[Molecular Genetics]</i>			
<i>Selective CIS-(NH3)2 PE Cl2 Crosslinking in Chromatin</i>		1986	\$40,000	\$230,000
			<b>Total:</b>	\$178,510
				\$875,500
<b>CASE WESTERN RESERVE UNIVERSITY</b>				
RAJESH AGARWAL	<i>[Prostate Cancer]</i>			
<i>Antioxidants and Prostate Cancer Chemoprevention</i>		1997	\$40,000	\$1,500,000
NIHAL AHMAD	<i>[Skin and Prostate Cancer]</i>			
<i>Resveratrol in Prevention of Cancer</i>		1999	\$50,000	\$450,000
<i>Role of Ornithine Decarboxylase in Phtotcarcinogenesis</i>		2001	\$25,000	\$1,375,000
MATTHIAS BUCK	<i>[Molecular Genetics]</i>			
<i>cMet/Eph Phosphorylation of Small GTPases and their Role in Cancer</i>		2008	\$48,981	
DAVID DANIELPOUR	<i>[Prostate Cancer]</i>			
<i>Regulation of TGF-beta signal transduction by IGF-I in prostatic cells</i>		1999	\$50,000	\$3,127,410
CLARK W DISTELHORST MD	<i>[Hormone Therapy]</i>			
<i>Steroid Receptor Nuclear Uptake Mechanism</i>		1993	\$39,753	\$1,376,400
PHILIP PAUL GARNER PHD	<i>[Gene Mutation]</i>			
<i>The Development of Novel Oligonucleotide Surrogates</i>		1994	\$40,000	
ANTONIO GUALBERTO MD PHD	<i>[Gene Mutation]</i>			
<i>Altered Mitotic Checkpoint in p53 mutant cells</i>		1999	\$9,662	
ZHONGWU GUO PHD	<i>[Molecular Genetics]</i>			
<i>Glycoengineering Cancer Cells for Selective Immunotargeting of Cancer</i>		2001	\$50,000	\$1,100,000
ZHILIN HU PHD	<i>[Lung Cancer]</i>			
<i>Bronchoscopic OCT imaging to identify premalignant changes in the pulmonary epithelium</i>		2006	\$49,996	
HUNG-YING KAO PHD	<i>[Leukemia]</i>			
<i>The Role Of GPS2 In Transcriptional Co-Repressor SMRT-Mediated Repression Activity</i>		2002	\$50,000	
SANTOSH KATTIYAR PHD	<i>[Skin Cancer]</i>			
<i>UV-induced oxidative stress-mediated human skin cancer, and prevention by antioxidants</i>		1999	\$50,000	\$1,082,700
HUA LOU PHD	<i>[Thyroid Cancer]</i>			
<i>Medullary Thyroid Carcinoma As A Model To Study Alternative RNA Splicing</i>		2002	\$41,830	\$1,132,200

			<b>Funded :</b>	<b>Generated :</b>
<b>PATRICK C MA MD</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>SANFORD MARKOWITZ MD PHDD</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 PHD</b>	<i>[Breast Cancer]</i>			
<i>Estrogen Receptor-Selective Coactivators in Breast Cancer Cells</i>		1999	<b>\$50,000</b>	<b>\$3,407,537</b>
<b>NARENDRA NARAYANA PHD</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 PHD</b>	<i>[Chemotherapy]</i>			
<i>Multiplexing Molecular Interactions to Improve Chemotherapeutic Delivery</i>		2008	<b>\$50,000</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 MD PHD</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>\$126,630</b>
		<b>Total:</b>	<b>\$900,222</b>	<b>\$20,677,877</b>

## **CINCINNATI CHILDREN'S 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>\$200,000</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 MD</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>ANIL G JEGGA DVM</b>	<i>[Gene Mutation]</i>			
<i>Functional Polymorphisms in p53 Response Elements</i>		2008	<b>\$50,000</b>	
<b>XINHUA LIN PHD</b>	<i>[Kidney Cancer]</i>			
<i>Role of Dally-like, a Drosophila Glypican in Cell-Cell Signaling</i>		2001	<b>\$50,000</b>	<b>\$1,807,355</b>
<b>JAMES MULLOY PHD</b>	<i>[Leukemia]</i>			
<i>Genetic screen for pathways cooperating with AML1-ETO in leukemia induction</i>		2006	<b>\$50,000</b>	<b>\$325,000</b>
<b>SUSAN WALTZ PHD</b>	<i>[Skin Cancer]</i>			
<i>Ron in Skin Cancer</i>		2001	<b>\$50,000</b>	<b>\$1,416,040</b>
<b>SUSANNE WELLS PHD</b>	<i>[Cervical Cancer]</i>			
<i>DEK Oncogene Regulation by the Human Papillomavirus E6 Proteins</i>		2003	<b>\$50,000</b>	<b>\$1,322,000</b>
		<b>Total:</b>	<b>\$455,000</b>	<b>\$6,873,526</b>

**HIPPLE CANCER RESEARCH CENTER**

<b>STEN EIRIK JACOBSEN MD PHD</b>	<i>[Leukemia]</i>			
<i>TNF Receptors in Normal and Malignant Hematopoiesis</i>		1995	\$40,000	
		<b>Total:</b>	\$40,000	

**METROHEALTH MEDICAL CENTER**

<b>BRUCE AVERBOOK</b>	<i>[Brain Cancer]</i>			
<i>Brain Tumor Immunosuppression of Tumor Draining Lymph Node Antitumor Reactivity</i>		1997	\$40,000	
<b>ARUNA BASU</b>	<i>[Colon Cancer]</i>			
<i>Functional Analysis of LKB1 Gene Linked to Peutz-Jeghers Syndrome</i>		2001	\$49,848	\$100,000
<b>SUBRATA HALDAR PHD</b>	<i>[Skin Cancer]</i>			
<i>Epigenetic Inactivation of Apaf-1 in Metastatic Melanoma</i>		2002	\$49,996	
		<b>Total:</b>	\$139,844	\$100,000

**NATIONWIDE CHILDREN'S HOSPITAL**

<b>JOAN DURBIN MD PHD</b>	<i>[Rhabdomyosarcoma]</i>			
<i>The Role of the PAX3FKHR Fusion Gene in the Development of Rhabdomyosarcoma</i>		1999	\$45,000	
<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	\$45,000	
<b>SUE O'DORISIO MD PHD</b>	<i>[Gastrointestinal]</i>			
<i>Vasoactive Intestinal Peptides: Neuromodulator of the Immune Response</i>		1986	\$39,986	\$1,200,000
		<b>Total:</b>	\$129,986	\$1,200,000

**OHIO UNIVERSITY**

<b>ELISAR BARBAR</b>	<i>[Tumor Research]</i>			
<i>Cytoplasmic Dynein: Assembly and Structural Characterization</i>		1999	\$50,000	\$1,585,000
<b>MONICA BURDICK</b>	<i>[Breast Cancer]</i>			
<i>Identification of E-selectin Ligands on Breast Cancer Cells</i>		2008	\$50,000	
		<b>Total:</b>	\$100,000	\$1,585,000

**THE CLEVELAND CLINIC FOUNDATION**

<b>MUNNA AGARWAL</b>	<i>[Gene Mutation]</i>			
<i>Identification of molecular components involved in regulation of p53 function</i>		1999	\$50,000	
<b>MARINA ANTOCH</b>	<i>[Cancer Therapy]</i>			
<i>Diagnostic Markers Of Mammalian Circadian Clock Function</i>		2002	\$50,000	\$1,676,250
<b>SIPRA BANERJEE</b>	<i>[Breast Cancer]</i>			
<i>Genomic Instability in Familial Breast Cancer</i>		1995	\$40,000	\$306,675
<b>CHRISTINE CAMPBELL</b>	<i>[Breast Cancer]</i>			
<i>Role of the T-box genes, TBX2 and TBX3, in breast carcinoma</i>		1997	\$40,000	
<b>MALACHI MIXON III</b>	<i>[Special Gift]</i>			
<i>Restricted gift (grant) for cancer research</i>		2007	\$10,000	
<b>MARIE-ODILE PARAT PHARMD PHD</b>	<i>[Molecular Genetics]</i>			
<i>Role of Caveolin-1 in H-Ras Targeting</i>		2005	\$50,000	\$750,000

			<b>Funded :</b>	<b>Generated :</b>
<b>NYWANA SIZEMORE PHD</b>	<i>[Breast Cancer]</i>			
<i>Molecular Targets Of The PI3K/AKT/IKK Pathway In Breast Cancer</i>		2002	<b>\$49,500</b>	<b>\$990,853</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>\$339,500</b>	<b>\$3,723,778</b>

## THE OHIO STATE UNIVERSITY

<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>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>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>\$5,298,817</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>ROBERT W CURLEY JR</b>	<i>[Chemoprevention]</i>			
<i>NMR Studies of Drug-Recepto Ineractions: Chemopreventive Retinoids</i>		1991	<b>\$20,000</b>	<b>\$9,000</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>\$1,500,000</b>
<b>HAROLD A FISK PHD</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 PHD</b>	<i>[Molecular Studies]</i>			
<i>NF-kappa B Regulation of Cell Growth Control in GI/S</i>		2002	<b>\$50,000</b>	
<b>TSONWIN HAI PHD</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 PHD</b>	<i>[Molecular Genetics]</i>			
<i>GO and the control of eukaryotic cell proliferation</i>		1997	<b>\$40,000</b>	<b>\$1,011,990</b>
<b>DAVID H IVES PHD</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>Funded :</b>	<b>Generated :</b>
<b>SISSY M JHIANG PHD</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>LEE F JOHNSON PHD</b>	<i>[Thyroid Cancer]</i>			
<i>Determination of the Primary Structure of Mammalian Thymidylate Synthetase</i>		1983	<b>\$48,140</b>	<b>\$300,000</b>
<b>LAURA ANN KRESTY PHD</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 DVM PHD</b>	<i>[Lymphoma]</i>			
<i>Mechanisms of Regulation of Human T-Lymphotropic Virus</i>		1991	<b>\$39,993</b>	<b>\$15,633,702</b>
<b>MARY MACVICAR RN PHD</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 DVM PHD</b>	<i>[Leukemia]</i>			
<i>Induction of oncolysis in Adut T Cell Leukemia Through Heat Shock Protein Induction and Measles Virus Co-Infection</i>		2005	<b>\$50,000</b>	
<b>GREGORY OTTERSON MD</b>	<i>[Lung Cancer]</i>			
<i>Molecular Changes in Nonsmall Cell Lung Cancer</i>		1999	<b>\$46,000</b>	<b>\$1,358,848</b>
<b>DEBORAH S PARRIS PHD</b>	<i>[Molecular Genetics]</i>			
<i>Function of Herpes Simplex Virus Deoxyribonuclease</i>		1983	<b>\$43,587</b>	<b>\$1,660,000</b>
<b>PAIVI PELTOMAKI MD PHD</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 Matabolism 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 PHD</b>	<i>[Molecular Genetics]</i>			
<i>Identification of Novel Componets in the Drosophila EGF-Receptor Signaling Pathway</i>		1997	<b>\$40,000</b>	<b>\$300,000</b>
<b>DUXIN SUN PHD</b>	<i>[Chemotherapy]</i>			
<i>Targeted Prodrug Delivery for Cancer Therapy</i>		2005	<b>\$50,000</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 PHD</b>	<i>[Molecular Genetics]</i>			
<i>Regulation of Cdk inhibitor expression</i>		1997	<b>\$38,389</b>	<b>\$300,000</b>
<b>MICHAEL B WEINSTEIN PHD</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>Funded :</b>	<b>Generated :</b>
<b>KARL ANDREW WERBOVETZ PHD</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 PHD</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>\$1,537,556</b>
<b>SUNG YOON PHD</b>	<i>[Molecular Genetics]</i>			
<i>Determination of upstream regulators of p75-mediated JNK activation</i>		1999	<b>\$46,000</b>	<b>\$1,799,000</b>
<b>PAN ZHENG MD</b>	<i>[Prostate Cancer]</i>			
<i>Antigen Presentation Defects in Prostate Cancer</i>		1999	<b>\$50,000</b>	<b>\$778,000</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>\$1,668,312</b>	<b>\$42,068,674</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>\$473,686</b>
<i>Oxygen Radicals Mediate the Mutagenic Effects of UVA on Melanocytes</i>		2001	<b>\$16,716</b>	<b>\$2,339,214</b>
<i>Protective Role of Melanin Against Photocarcinogenesis</i>		1993	<b>\$39,996</b>	<b>\$395,859</b>
<b>DAVID S. ASKEW</b>	<i>[Leukemia]</i>			
<i>Function of the His-1 Gene in Leukemogenesis</i>		1999	<b>\$24,000</b>	
<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>\$720,000</b>
<b>JOANNA GRODEN PHD</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>\$373,000</b>
<b>ANA LUISA KADEKARO PHD</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>SOHAIB A KHAN PHD</b>	<i>[Breast Cancer]</i>			
<i>Mechanism of Estrogen Action: Estrogen Receptor Associated Proteins</i>		1995	<b>\$40,000</b>	<b>\$940,000</b>
<b>ERIK KNUDSEN PHD</b>	<i>[Gene Mutation]</i>			
<i>Retinoblastoma Tumor Suppressor: Role in Checkpoint Control</i>		1999	<b>\$48,000</b>	<b>\$722,925</b>
<b>ANDREW M LOWY MD</b>	<i>[Stomach Cancer]</i>			
<i>Tcf/beta catenin transactivation in gastric cancer</i>		2001	<b>\$49,690</b>	<b>\$705,000</b>
<b>SHAN LU PHD</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>\$1,599,584</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>	

			Funded :	Generated :
<b>MARIO MEDVEDOVIC PHD</b>	<i>[Breast Cancer]</i>			
<i>Global gene expression profiles for the very early prediction of breast cancer</i>		2005	\$25,000	
<b>RANASINGHAGE C SAMARATUNGA PHD</b>	<i>[Radiation]</i>			
<i>Radiodosimetry for the Treatment of Skeletal Lesions</i>		1997	\$19,806	
<b>YOLANDA SANCHEZ PHD</b>	<i>[Gene Mutation]</i>			
<i>Identification of novel components of the DNA damage checkpoint pathways</i>		1999	\$50,000	\$956,882
<i>The Role of Sfp1 in the Response to DNA Damage</i>		2004	\$50,000	
<b>JEFFREY J SUSSMAN MD</b>	<i>[Skin Cancer]</i>			
<i>Immune Response Modulation Improves Cancer Immunotherapy</i>		1999	\$24,335	
<b>GLENN TALASKA PHD</b>	<i>[Bladder Cancer]</i>			
<i>Benzidine and B-naphthylamine DNA Adducts in Humans</i>		1997	\$40,000	\$690,180
<b>NEVILLE TAM PHD</b>	<i>[Prostate Cancer]</i>			
<i>Dietary Soy and Epigenetic Modulation in Androgen-independent Prostrate Cancer</i>		2008	\$49,857	
<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	\$25,000	
<b>YING XIA PHD</b>	<i>[Chemotherapy]</i>			
<i>Role of MEKK1 in Anticancer Treatment</i>		2002	\$50,000	
<b>JINSONG ZHANG PHD</b>	<i>[Leukemia]</i>			
<i>Role of E Protein Inactivation in Leukemogenesis by AML1-ETO</i>		2008	\$50,000	
		<b>Total:</b>	\$950,398	\$10,081,330

## UNIVERSITY OF DAYTON

<b>AMIT SINGH PHD</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	
		<b>Total:</b>	\$50,000	

## UNIVERSITY OF TOLEDO

<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	
<b>JOHN DAVID DIGNAM</b>	<i>[Molecular Research]</i>			
<i>Adenoassociated Virus Rep78 Protein</i>		1997	\$40,000	\$888,000
<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	\$720,000
<b>FAN DONG MD PHD</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 PHD</b>	<i>[Gene Mutation]</i>			
<i>Regulation of the Mitotic Checkpoint by hMPS1 KINASE</i>		2008	\$50,000	
<b>STEVE MATTHEW PATRICK PHD</b>	<i>[Gene Mutation]</i>			
<i>RPA Phosphorylation and DNA Binding: Roles in the Nbs1/MRN Interaction and ATR Signaling</i>		2007	\$50,000	

			<b>Funded :</b>	<b>Generated :</b>
<b>DOUGLAS LEE PITTMAN PHD</b>	<i>[Breast Cancer]</i>			
<i>Characterizing the RAD51D E233G High-Risk Breast Cancer Allele</i>		2005	<b>\$50,000</b>	
<b>RANDALL JOE RUCH PHD</b>	<i>[Lung Cancer]</i>			
<i>Lung Tumor Growth Inhibition: Role of Gap Junctions</i>		1993	<b>\$39,600</b>	<b>\$150,000</b>
<b>LIRIM SHEMSHEDINI PHD</b>	<i>[Gene Mutation]</i>			
<i>Isolation of Repressors of the Androgen Receptor</i>		2001	<b>\$50,000</b>	
<b>CYTHINA M SMAS DSC</b>	<i>[Prostate Cancer]</i>			
<i>Function of the HLH Protein Id-1 in Prostate Cancer</i>		2001	<b>\$50,000</b>	<b>\$1,400,000</b>
<b>STEVEN J SUCHECK PHD</b>	<i>[Tumor Cells Research]</i>			
<i>Solid Phase Synthesis of Cancer Antigens Containing Decarboxylative Ligation Functionality</i>		2007	<b>\$50,000</b>	
<b>JAMES P TREMPPE PHD</b>	<i>[Tumor Cells Research]</i>			
<i>DNA Synthesis Inhibition by a Viral Regulatory Protein</i>		1991	<b>\$38,907</b>	<b>\$2,400,000</b>
<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	<b>\$34,619</b>	
<b>KAM CHI YEUNG PHD</b>	<i>[Molecular Research]</i>			
<i>Substrates of Raf-1 Protein Kinase</i>		2002	<b>\$50,000</b>	<b>\$293,721</b>
<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	<b>\$38,523</b>	
			<b>Total:</b>	
			<b>\$741,649</b>	<b>\$7,627,721</b>

## **WRIGHT STATE UNIVERSITY**

<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>\$1,126,125</b>
<b>JOHN J TURCHI PHD</b>	<i>[Gene Mutation]</i>			
<i>Mechanisms of Mammalian Telomere DNA Replication</i>		1995	<b>\$39,965</b>	<b>\$100,000</b>
			<b>Total:</b>	
			<b>\$79,961</b>	<b>\$1,226,125</b>

**Grand Total of Research Funded:**

**\$5,773,381**

**Grand Total of Funds Generated:**

**\$96,039,531\***

**# of projects:**

**137**

**# of researchers:**

**133**

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