

Research Projects funded by Ohio Cancer Research

Grand Total of Funds Generated: \$220,263,546

As of 1/22/2016

| | | | Funded : | Generated : |
|---|----------------------------|------|------------------|--------------------|
| BOWLING GREEN STATE UNIVERSITY | | | | |
| DORIS J BECK, PHD | [Molecular Genetics] | | | |
| <i>Repair and Mutagenicity of Damage in DNA caused by Platinum Antitumor Compounds</i> | | 1988 | \$38,510 | \$15,000 |
| VLADIMIR V POPIK, PHD | [Breast Cancer] | | | |
| <i>Development of Two-Photon Photoactivatable Eneidyne Antibiotics</i> | | 2001 | \$50,000 | \$1,021,356 |
| LAKSHMIDEVI PULAKAT, PHD M.PHIL | [Breast Cancer] | | | |
| <i>AT2-Mediated Regulation of the ErbB2/3 in Breast Cancer</i> | | 2001 | \$50,000 | |
| WILLIAM M SCOVELL, PHD | [Molecular Genetics] | | | |
| <i>Selective CIS-(NH3)2 PE Cl2 Crosslinking in Chromatin</i> | | 1986 | \$40,000 | \$764,093 |
| Total: | | | \$178,510 | \$1,800,449 |
| CASE WESTERN RESERVE UNIVERSITY | | | | |
| RAJESH AGARWAL, PHD | [Prostate Cancer] | | | |
| <i>Antioxidants and Prostate Cancer Chemoprevention</i> | | 1997 | \$40,000 | \$5,769,264 |
| NIHAL AHMAD, PHD | [Skin and Prostate Cancer] | | | |
| <i>Resveratrol in Prevention of Cancer</i> | | 1999 | \$50,000 | \$2,903,763 |
| <i>Role of Ornithine Decarboxylase in Phtotcarcinogenesis</i> | | 2001 | \$25,000 | |
| BARBARA BEDOGNI, PHD | [Skin Cancer] | | | |
| <i>Dissecting the role of the Notch signaling pathway in melanoma metastasis</i> | | 2010 | \$60,000 | \$354,000 |
| MATTHIAS BUCK, PHD | [Molecular Genetics] | | | |
| <i>cMet/Eph Phosphorylation of Small GTPases and their Role in Cancer</i> | | 2008 | \$48,981 | \$100,000 |
| DAVID DANIELPOUR, PHD | [Prostate Cancer] | | | |
| <i>Regulation of TGF-beta signal transduction by IGF-I in prostatic cells</i> | | 1999 | \$50,000 | \$4,274,659 |
| CLARK W DISTELHORST, MD | [Hormone Therapy] | | | |
| <i>Steroid Receptor Nuclear Uptake Mechanism</i> | | 1993 | \$39,753 | \$7,980,830 |
| PHILIP PAUL GARNER, PHD | [Gene Mutation] | | | |
| <i>The Development of Novel Oligonucleotide Surrogates</i> | | 1994 | \$40,000 | \$309,500 |
| ANTONIO GUALBERTO, MD PHD | [Gene Mutation] | | | |
| <i>Altered Mitotic Checkpoint in p53 mutant cells</i> | | 1999 | \$9,662 | |
| ZHONGWU GUO, PHD | [Molecular Genetics] | | | |
| <i>Glycoengineering Cancer Cells for Selective Immunotargeting of Cancer</i> | | 2001 | \$50,000 | \$2,626,862 |
| ZHILIN HU, PHD | [Lung Cancer] | | | |
| <i>Bronchoscopic OCT imaging to identify premalignant changes in the pulmonary epithelium</i> | | 2006 | \$49,996 | |
| HUNG-YING KAO, PHD | [Leukemia] | | | |
| <i>The Role Of GPS2 In Transcriptional Co-Repressor SMRT-Mediated Repression Activity</i> | | 2002 | \$50,000 | \$1,729,846 |
| EFSTATHIOS KARATHANASIS, PHD | [Chemotherapy Treatment] | | | |
| <i>Treatment of cancer metastasis using a multicomponent nanoparticle</i> | | 2013 | \$60,000 | |
| SANTOSH K KATIYAR, PHD | [Skin Cancer] | | | |
| <i>UV-induced oxidative stress-mediated human skin cancer, and prevention by antioxidants</i> | | 1999 | \$50,000 | \$2,462,935 |

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|--|-----------------------------------|------|-------------|--------------|
| HUIPING LIU, MD PHD | [Breast Cancer] | | | |
| <i>Targeting IL-11 in breast tumor initiating cell-mediated metastasis</i> | | 2015 | \$60,000 | |
| HUA LOU, PHD | [Thyroid Cancer] | | | |
| <i>Medullary Thyroid Carcinoma As A Model To Study Alternative RNA Splicing</i> | | 2002 | \$41,830 | \$3,747,896 |
| SANFORD MARKOWITZ, MD PHD | [Colon Cancer] | | | |
| <i>Novel Markers of Colon Cancer Progression and Prognosis</i> | | 1994 | \$40,000 | \$6,040,281 |
| MONICA MONTANO, PHD | [Breast Cancer] | | | |
| <i>Estrogen Receptor-Selective Coactivators in Breast Cancer Cells</i> | | 1999 | \$50,000 | \$3,130,875 |
| NARENDRA NARAYANA, PHD | [Leukemia] | | | |
| <i>Crystal Structure Determination of DSX-DNA Complex</i> | | 2002 | \$25,000 | |
| ELLEN RORKE, PHD | [Cervical Cancer] | | | |
| <i>Epidermal Growth Factor in Human Cervical Cancer</i> | | 1995 | \$40,000 | |
| NICOLE FRANZISKA STEINMETZ, PHD | [Breast Cancer] | | | |
| <i>A Novel Plant Viral Nanoparticle Drug Delivery System for Treatment of Aggressive HER2+ Breast Cancer</i> | | 2012 | \$60,000 | \$1,040,000 |
| HORST VON RECUM, PHD | [Chemotherapy] | | | |
| <i>Multiplexing Molecular Interactions to Improve Chemotherapeutic Delivery</i> | | 2008 | \$50,000 | \$517,450 |
| DAVID WALD, MD PHD | [Leukemia] | | | |
| <i>Characterization of a novel pathway to selectively target AML cells</i> | | 2010 | \$60,000 | \$1,938,950 |
| SCOTT M WELFORD, PHD | [Radiation Oncology/Renal Cancer] | | | |
| <i>The impact of tissue hypoxia on tumor initiation.</i> | | 2010 | \$60,000 | |
| YANWU YANG, PHD | [Tumor Research] | | | |
| <i>Structural Mechanism of How SnoN-FHL2 Complex Activates Wnt/beta-catenin Signaling</i> | | 2007 | \$50,000 | |
| Total: | | | \$1,160,222 | \$44,927,111 |

CINCINNATI CHILDRENS HOSPITAL MEDICAL CENTER

| | | | | |
|--|----------------------|------|----------|-------------|
| ROBERT ARCECI, MD PHD | [Leukemia] | | | |
| <i>A Preclinical Model for Immunotherapy of AML</i> | | 1995 | \$40,000 | \$1,352,196 |
| TAKIKO DAIKOKU, PHD | [Endometrial Cancer] | | | |
| <i>Pten-Akt-Cox2 Signaling Axis in Endometrial Cancer</i> | | 2010 | \$60,000 | \$4,408,513 |
| VRUSHANK G DAVE, PHD | [Lung Cancer] | | | |
| <i>PTEN/PI3K/AKT Pathway in Lung Cancer</i> | | 2007 | \$50,000 | \$308,000 |
| BRIAN ANDREW GEBELEIN, PHD | [Leukemia] | | | |
| <i>A New Tumor Suppression Pathway in Leukemia</i> | | 2008 | \$50,000 | |
| YI GU, PHD | [Lymphoma] | | | |
| <i>Role of Rac GTPases in p53-mediated Lymphomagenesis</i> | | 2006 | \$25,000 | |
| RAPHAEL HIRSCH, MD | [Molecular Genetics] | | | |
| <i>MHC - Ig Fusion Proteins for Induction pf Tumor Immunity</i> | | 1997 | \$40,000 | \$1,757,955 |
| GANG HUANG, PHD | [Leukemia] | | | |
| <i>Molecular mechanisms of leukemogenesis mediated by MLL-partial tandem duplication (MLL-PTD)</i> | | 2011 | \$60,000 | \$520,650 |
| ANIL G JEGGA, DVM | [Gene Mutation] | | | |
| <i>Functional Polymorphisms in p53 Response Elements</i> | | 2008 | \$50,000 | |

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|---|-----------------------------|------------------|---------------------|-------------|
| XINHUA LIN, PHD | <i>[Kidney Cancer]</i> | | | |
| <i>Role of Dally-like, a Drosophila Glypican in Cell-Cell Signaling</i> | 2001 | \$50,000 | \$3,587,797 | |
| RUHIKANTA MEETEL, PHD | <i>[Genetic Research]</i> | | | |
| <i>Functional and Molecular Characterization of two new members of the Bloom Syndrome Complex</i> | 2010 | \$60,000 | | |
| JAMES MULLOY, PHD | <i>[Leukemia]</i> | | | |
| <i>Genetic screen for pathways cooperating with AML1 -ETO in leukemia induction</i> | 2006 | \$50,000 | \$1,066,794 | |
| SAULIUS SUMANAS, PHD | <i>[Tumor Studies]</i> | | | |
| <i>Inhibition of Etv2 function as a novel strategy to prevent tumor-induced angiogenesis</i> | 2013 | \$60,000 | | |
| SUSAN WALTZ, PHD | <i>[Skin Cancer]</i> | | | |
| <i>Ron in Skin Cancer</i> | 2001 | \$50,000 | \$1,658,546 | |
| SUSANNE WELLS, PHD | <i>[Cervical Cancer]</i> | | | |
| <i>DEK Oncogene Regulation by the Human Papillomavirus E6 Proteins</i> | 2003 | \$50,000 | \$2,599,290 | |
| Total: | | \$695,000 | \$17,259,741 | |
| CLEVELAND CLINIC | | | | |
| MUNNA AGARWAL, PHD | <i>[Gene Mutation]</i> | | | |
| <i>Identification of molecular components involved in regulation of p53 function</i> | 1999 | \$50,000 | | |
| MARINA ANTOCH, PHD | <i>[Cancer Therapy]</i> | | | |
| <i>Diagnostic Markers Of Mammalian Circadian Clock Function</i> | 2002 | \$50,000 | \$1,676,250 | |
| SIPRA BANERJEE, PHD | <i>[Breast Cancer]</i> | | | |
| <i>Genomic Instability in Familial Breast Cancer</i> | 1995 | \$40,000 | \$306,675 | |
| CHRISTINE CAMPBELL, PHD | <i>[Breast Cancer]</i> | | | |
| <i>Role of the T-box genes, TBX2 and TBX3, in breast carcinoma</i> | 1997 | \$40,000 | | |
| MALACHI MIXON III, | <i>[Special Gift]</i> | | | |
| <i>Restricted gift (grant) for cancer research</i> | 2007 | \$10,000 | | |
| JUSTIN D LATHIA, PHD | <i>[Brain Cancer]</i> | | | |
| <i>Targeting CXCR7 mediated vascular interactions in Glioblastoma</i> | 2012 | \$60,000 | \$6,958,125 | |
| TAO LU, PHD | <i>[Colon cancer]</i> | | | |
| <i>Study the role of FBXL 11 protein in colitis associated cancer (CAC).</i> | 2010 | \$60,000 | | |
| PATRICK C MA, MD | <i>[Lung Cancer]</i> | | | |
| <i>High-Throughput Cell-Based MET Inhibitor Development For Lung Cancer Individualized Therapy</i> | 2006 | \$50,000 | \$1,342,660 | |
| MARIE-ODILE PARAT, PHARM D PHD | <i>[Molecular Genetics]</i> | | | |
| <i>Role of Caveolin-1 in H-Ras Targeting</i> | 2005 | \$50,000 | \$750,000 | |
| NYWANA SIZEMORE, PHD | <i>[Breast Cancer]</i> | | | |
| <i>Molecular Targets Of The PI3K/AKT/IKK Pathway In Breast Cancer</i> | 2002 | \$49,500 | \$1,004,824 | |
| MATTHEW K SUMMERS, PHD | <i>[Breast Cancer]</i> | | | |
| <i>The role of p31comet in breast cancer progression and therapy</i> | 2012 | \$60,000 | \$770,000 | |
| MICHAEL A VOGELBAUM, MD PHD | <i>[Brain Cancer]</i> | | | |
| <i>Regulation of Apoptosis in Glioma Primary Cell Cultures</i> | 2001 | \$50,000 | | |
| LAN ZHOU, MD PHD | <i>[Leukemia]</i> | | | |
| <i>The Role of Aberrant Notch Signaling in the Chronic Myeloproliferative Disorder Induced by Fucosylation Deficiency</i> | 2007 | \$50,000 | \$636,795 | |

| | | Funded : | Generated : |
|---|------------------------|-----------|--------------|
| | Total: | \$619,500 | \$13,445,329 |
| HIPPLE CANCER RESEARCH CENTER | | | |
| STEN EIRIK JACOBSEN, MD PHD | [Leukemia] | | |
| <i>TNF Receptors in Normal and Malignant Hematopoiesis</i> | 1995 | \$40,000 | |
| | Total: | \$40,000 | |
| METROHEALTH MEDICAL CENTER | | | |
| BRUCE AVERBOOK, MD FASC | [Brain Cancer] | | |
| <i>Brain Tumor Immunosuppression of Tumor Draining Lymph Node Antitumor Reactivity</i> | 1997 | \$40,000 | |
| ARUNA BASU, PHD | [Pancreatic Cancer] | | |
| <i>Functional Analysis of LKB1 Gene Linked to Peutz-Jeghers Syndrome</i> | 2001 | \$49,848 | \$251,000 |
| SUBRATA HALDAR, PHD | [Skin Cancer] | | |
| <i>Epigenetic Inactivation of Apaf-1 in Metastatic Melanoma</i> | 2002 | \$49,996 | |
| | Total: | \$139,844 | \$251,000 |
| NATIONWIDE CHILDRENS HOSPITAL | | | |
| JOAN DURBIN, MD PHD | [Rhabdomyosarcoma] | | |
| <i>The Role of the PAX3FKHR Fusion Gene in the Development of Rhabdomyosarcoma</i> | 1999 | \$45,000 | \$1,431,149 |
| RISA KITAGAWA, PHD | [Tumor Studies] | | |
| <i>Securin function in cancer and development</i> | 2011 | \$30,000 | |
| NATARAJAN MUTHUSAMY, DVM PHD | [Lymphoma] | | |
| <i>Defining thr role of Ets-1 transcription factor in B lymphocyte growth and differentiation</i> | 1999 | \$45,000 | \$919,800 |
| SUE O'DORISIO, MD PHD | [Gastrointestinal] | | |
| <i>Vasoactive Intestinal Peptides: Neuromodulator of the Immune Response</i> | 1986 | \$39,986 | \$910,452 |
| | Total: | \$159,986 | \$3,261,401 |
| OHIO UNIVERSITY | | | |
| ELISAR BARBAR, PHD | [Tumor Research] | | |
| <i>Cytoplasmic Dynein: Assembly and Structural Characterization</i> | 1999 | \$50,000 | \$2,077,948 |
| MONICA BURDICK, PHD | [Breast Cancer] | | |
| <i>Indentification of E-selectin Ligands on Breast Cancer Cells</i> | 2008 | \$50,000 | \$1,089,399 |
| | Total: | \$100,000 | \$3,167,347 |
| THE OHIO STATE UNIVERSITY | | | |
| SAMIR ACHARYA, PHD | [Colon Cancer] | | |
| <i>Role of Mismatch Repair in Cell Survival</i> | 2007 | \$24,726 | \$100,000 |
| KEIKO AKAGI, PHD | [Leukemia] | | |
| <i>Bioinformatics Analysis of Genomic Mutations in Chronic Lymphocytic Leukemia</i> | 2011 | \$30,000 | |
| RAMI AQEILAN, PHD | [Tumor Cells Research] | | |
| <i>Role of the WW Domain-Containing Oxidoreductase (WWOX) Gene in Skeletal Development and Bone Neoplasia</i> | 2007 | \$50,000 | \$1,506,126 |
| XUE-FENG BAI, MD PHD | [Gene Mutation] | | |
| <i>Novel Strategies to Overcome Antigenic Drift</i> | 2005 | \$50,000 | \$981,060 |
| ROBERT A BAIOCCHI, MD PHD | [Lymphoma] | | |
| <i>Role of the Arginine Methyltransferase PRMT5 in B cell Transformation</i> | 2007 | \$50,000 | \$908,523 |

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|--|--------------------------------|----------|--------------|-------------|
| BRENT C. BEHRENS, MD | <i>[Molecular Genetics]</i> | | | |
| <i>Evaluation of Proton NMR Spectroscopy as an Indicator of Tumor Burden</i> | 1988 | \$15,762 | | |
| ROBERT W. BRUEGGEMEIER, PHD | <i>[Breast Cancer]</i> | | | |
| <i>Examination of Steroid-Protein Interactions 12- Using 19f-NMR Spectroscopy</i> | 1983 | \$18,850 | \$4,491,883 | |
| ING-MING CHIU, PHD | <i>[Leukemia]</i> | | | |
| <i>Molecular Lesion of 5q- Chromosome in Acute Non-Lymphocytic Leukemia (ANLL) Patients</i> | 1988 | \$39,000 | \$6,988,789 | |
| SUSAN E COLE, PHD | <i>[Molecular Genetics]</i> | | | |
| <i>Modulation of Lunatic fringe gene activity and Notch signaling in the segmentation clock</i> | 2005 | \$50,000 | \$832,277 | |
| ROBERT W CURLEY, PHD | <i>[Chemoprevention]</i> | | | |
| <i>NMR Studies of Drug-Receptor Interactions: Chemopreventive Retinoids</i> | 1991 | \$20,000 | \$129,000 | |
| JAMES WILLIAM DEWILLE, MPH MS PHD | <i>[Breast Cancer]</i> | | | |
| <i>Mammary tumors express a C/EBP-b transcription inhibitor</i> | 1997 | \$39,600 | \$2,929,435 | |
| HAROLD A FISK, PHD | <i>[Molecular Genetics]</i> | | | |
| <i>Regulation of the Centrosomal Degradation of the Mps1 Protein Kinase</i> | 2007 | \$50,000 | \$2,046,717 | |
| DARRELL R GALLOWAY, PHD | <i>[Skin Cancer]</i> | | | |
| <i>Development and Analysis of a Recombinant Protein for the Exogenous Delivery of a Melanoma-specific CTL Peptide</i> | 1995 | \$20,000 | | |
| DENIS C GUTTRIDGE, PHD | <i>[Molecular Studies]</i> | | | |
| <i>NF-kappa B Regulation of Cell Growth Control in G1/S</i> | 2002 | \$50,000 | \$1,853,191 | |
| TSONWIN HAI, PHD | <i>[Molecular Genetics]</i> | | | |
| <i>Caspases in ATF3-Induced Apoptosis</i> | 1999 | \$48,000 | \$1,209,505 | |
| PAUL KENNETH HERMAN, PHD | <i>[Molecular Genetics]</i> | | | |
| <i>GO and the control of eukaryotic cell proliferation</i> | 1997 | \$40,000 | \$3,575,863 | |
| DAVID H IVES, PHD | <i>[Molecular Genetics]</i> | | | |
| <i>Development of Solid-Phase Immunoassays for Human Deoxynucleoside Kinase Isoenzymes</i> | 1986 | \$34,348 | \$614,514 | |
| SISSY M JHIANG, PHD | <i>[Brain Cancer]</i> | | | |
| <i>Gene Transfer of Na/I Symporter Tumors for Radioiodine Treatment</i> | 1997 | \$40,000 | \$2,690,831 | |
| VICTOR JIN, PHD | <i>[Breast Cancer]</i> | | | |
| <i>Characterization of AKT -mediated Transcriptional Regulation in Breast Cancer</i> | 2011 | \$60,000 | | |
| LEE F JOHNSON, PHD | <i>[Thyroid Cancer]</i> | | | |
| <i>Determination of the Primary Structure of Mammalian Thymidylate Synthetase</i> | 1983 | \$48,140 | \$2,776,436 | |
| LAURA ANN KRESTY, PHD | <i>[Esophageal Cancer]</i> | | | |
| <i>Reversing Epigenetic Changes Through HDAC Inhibition: A Tool for Cancer Prevention</i> | 2005 | \$49,919 | \$330,000 | |
| MICHAEL D LAIRMORE, DVM PHD | <i>[Lymphoma]</i> | | | |
| <i>Mechanisms of Regulation of Human T-Lymphotropic Virus</i> | 1991 | \$39,993 | \$18,027,125 | |
| JENNIFER L LEIGHT, PHD | <i>[Cancer Therapy]</i> | | | |
| <i>Impact of the tumor microenvironment on matrix metalloproteinase activity</i> | 2015 | \$60,000 | | |
| MARY MACVICAR, RN PHD | <i>[Breast Cancer]</i> | | | |
| <i>Effects of Bicycle Ergometer Program in Functional Status of Women with Breast Cancer</i> | 1982 | \$17,357 | \$497,307 | |
| LOUIS MALSPEIS, PHD | <i>[Chemotherapy Delivery]</i> | | | |
| <i>Pharmacologic and Pharmacokinetic Studies of Cancer Drugs-Equipment</i> | 1983 | \$40,644 | | |

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|---|-------------------------------|------|-----------------|--------------------|
| LOUIS MANSKY, PHD | <i>[Leukemia]</i> | | | |
| <i>Human T-Cell Leukemia Virus Type 1 RNA Encapsidation</i> | | 1999 | \$46,000 | \$512,568 |
| GEORGE E MILO, PHD | <i>[Gene Mutation]</i> | | | |
| <i>Evaluation of Human Tumors by Clonogenic Array</i> | | 1982 | \$14,796 | |
| STEFAN NIEWIESK, DVM PHD | <i>[Leukemia]</i> | | | |
| <i>Induction of oncolysis in Adut T Cell Leukemia Through Heat Shock Protein Induction and Measles Virus Co-Infection</i> | | 2005 | \$50,000 | \$888,600 |
| GREGORY OTTERSON, MD | <i>[Lung Cancer]</i> | | | |
| <i>Molecular Changes in Nonsmall Cell Lung Cancer</i> | | 1999 | \$46,000 | \$2,214,946 |
| DEBORAH S PARRIS, PHD | <i>[Molecular Genetics]</i> | | | |
| <i>Function of Herpes Simplex Virus Deoxribonuclease</i> | | 1983 | \$43,587 | \$4,006,291 |
| PAIVI PELTOMAKI, MD PHD | <i>[Colon Cancer]</i> | | | |
| <i>Genetic basis of tumor spectrum in hereditary nonpolyposis colon cancer</i> | | 1999 | \$45,000 | \$496,575 |
| JOHN J RINEHART, MD | <i>[Chemotherapy]</i> | | | |
| <i>Evaluation of Biologic Modifiers and Chemotherapeutics</i> | | 1983 | \$59,376 | |
| ARTHUR L SAGONE JR, MD | <i>[Hematology]</i> | | | |
| <i>Importance of the HMPS Pathway in the Matabolism of Tumor Tissue</i> | | 1988 | \$35,100 | |
| JAMES SHAW, PHD | <i>[Gene Mutation]</i> | | | |
| <i>Production of Monoclonal Antibody to EBV-Induced DNA Polymerase</i> | | 1983 | \$18,850 | |
| AMANDA SIMCOX, PHD | <i>[Molecular Genetics]</i> | | | |
| <i>Identification of Novel Componets in the Drosophila EGF-Receptor Signaling Pathway</i> | | 1997 | \$40,000 | \$306,600 |
| ANNE M STROHECKER, PHD | <i>[Lung Cancer]</i> | | | |
| <i>Regulation of Autophagy by the Small GTPase Rab20</i> | | 2015 | \$60,000 | |
| DUXIN SUN, PHD | <i>[Chemotherapy]</i> | | | |
| <i>Targeted Prodrug Delivery for Cancer Therapy</i> | | 2005 | \$50,000 | \$1,758,726 |
| WERNER TJARKS, PHD | <i>[Head and Neck Cancer]</i> | | | |
| <i>Synthesis of Boron and Gadolinium Containing Texaphyrins For NCT of Head and Neck Cancer</i> | | 2003 | \$50,000 | \$1,305,039 |
| HARALD VAESSIN, PHD | <i>[Molecular Genetics]</i> | | | |
| <i>Regulation of Cdk inhibitor expression</i> | | 1997 | \$38,389 | \$325,085 |
| NINA MAYR, MD | <i>[Prostate Cancer]</i> | | | |
| <i>Towards Optimal Radiation Therapy: Radiobiological Modeling of Prostate Cancer</i> | | 2010 | \$60,000 | |
| MICHAEL B WEINSTEIN, PHD | <i>[Molecular Genetics]</i> | | | |
| <i>Functions of Smad2 in Mesodermal Differentiation and Tumor Progression</i> | | 2001 | \$50,000 | \$20,000 |
| KARL ANDREW WERBOVETZ, PHD | <i>[Chemotherapy]</i> | | | |
| <i>Characterization of the Tubulin Peptide Binding Site</i> | | 2002 | \$50,000 | |
| MARSHALL VANCE WILLIAMS, PHD | <i>[Colon Cancer]</i> | | | |
| <i>Fluorodeoxyuridine, dUTPASE and Colorectal Cancer</i> | | 1995 | \$38,318 | |
| JIAN-QUI WU, PHD | <i>[Molecular Genetics]</i> | | | |
| <i>Phosphorylation of the Anillin Md 1 p bt Polo Kinase During Cytokinesis</i> | | 2008 | \$25,000 | \$1,657,958 |
| SUNG YOON, PHD | <i>[Molecular Genetics]</i> | | | |
| <i>Determination of upstream regulators of p75-mediated JNK activation</i> | | 1999 | \$46,000 | \$3,524,081 |

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| PAN ZHENG, MD | <i>[Prostate Cancer]</i> | | | |
| <i>Antigen Presentation Defects in Prostate Cancer</i> | | 1999 | \$50,000 | \$778,500 |
| BRUCE S ZWILLING, PHD | <i>[Gene Mutation]</i> | | | |
| <i>Cyclic AMP Dependent Protein Kinase, Regulation of Macrophage Antitumor Activity</i> | | 1986 | \$35,557 | |
| | | Total: | \$1,938,312 | \$70,283,551 |
| UNIVERSITY OF CINCINNATI | | | | |
| ZALFA A ABDEL-MALEK, PHD | <i>[Skin Cancer]</i> | | | |
| <i>Elucidation of the Role of the MCI Receptor Gene as a Tumor Susceptibility Gene</i> | | 1997 | \$20,000 | \$1,236,364 |
| <i>Oxygen Radicals Mediate the Mutagenic Effects of UVA on Melanocytes</i> | | 2001 | \$16,716 | \$4,128,744 |
| <i>Protective Role of Melanin Against Photocarcinogenesis</i> | | 1993 | \$39,996 | \$1,633,312 |
| DAVID S. ASKEW, PHD | <i>[Leukemia]</i> | | | |
| <i>Function of the His-1 Gene in Leukemogenesis</i> | | 1999 | \$24,000 | |
| MICHELLE BARTON, PHD | <i>[Breast Cancer]</i> | | | |
| <i>A cell-free model of p53 nuclear transport dysfunction in breast cancer cells</i> | | 1997 | \$40,000 | |
| ARTHUR BUCKLEY, PHD | <i>[Genetic Research]</i> | | | |
| <i>Novel Tumor Growth, Differentiation, and Apoptosis Genes</i> | | 1999 | \$48,000 | |
| RODNEY PETER DEKOTER, PHD | <i>[Leukemia]</i> | | | |
| <i>A Mouse Model of Myeloid Leukemia Caused By a Novel Hypomorphic Mutation of PU.1</i> | | 2007 | \$50,000 | \$1,762,130 |
| JOANNA GRODEN, PHD | <i>[Genetic Research]</i> | | | |
| <i>A Human Helicase and its Effects on Cancer Predisposition and Genomic Instability</i> | | 1997 | \$40,000 | \$11,596,062 |
| ANA LUISA KADEKARO, PHD | <i>[Skin Cancer]</i> | | | |
| <i>Defining the Regulation of p53 and its Pathway by Autocrine/Paracrine Factors in UVR-irradiated Human Melanocytes</i> | | 2006 | \$49,998 | \$429,788 |
| SOHAIB A KHAN, PHD | <i>[Breast Cancer]</i> | | | |
| <i>Mechanism of Estrogen Action: Estrogen Receptor Associated Proteins</i> | | 1995 | \$40,000 | \$2,364,454 |
| ERIK KNUDSEN, PHD | <i>[Gene Mutation]</i> | | | |
| <i>Retinoblastoma Tumor Suppressor: Role in Checkpoint Control</i> | | 1999 | \$48,000 | \$1,430,446 |
| ANDREW M LOWY, MD | <i>[Stomach Cancer]</i> | | | |
| <i>Tcf/beta catenin transactivation in gastric cancer</i> | | 2001 | \$49,690 | \$1,929,792 |
| SHAN LU, PHD | <i>[Prostate Cancer]</i> | | | |
| <i>The molecular pathway of Vav3-mediated androgen receptor activation in prostate cancer</i> | | 2006 | \$50,000 | \$1,325,359 |
| SHIUH WEN LUOH, MD | <i>[Breast Cancer]</i> | | | |
| <i>HER-2/NEU Amplification In Human Breast Cancer</i> | | 2001 | \$50,000 | |
| MARIO MEDVEDOVIC, PHD | <i>[Breast Cancer]</i> | | | |
| <i>Global gene expression profiles for the very early prediction of breast cancer</i> | | 2006 | \$25,000 | |
| RANASINGHAGE C SAMARATUNGA, PHD | <i>[Radiation]</i> | | | |
| <i>Radiodosimetry for the Treatment of Skeletal Lesions</i> | | 1997 | \$19,806 | |
| YOLANDA SANCHEZ, PHD | <i>[Gene Mutation]</i> | | | |
| <i>Identification of novel components of the DNA damage checkpoint pathways</i> | | 1999 | \$50,000 | \$7,794,074 |
| <i>The Role of Sfp1 in the Response to DNA Damage</i> | | 2004 | \$50,000 | |
| JEFFREY J SUSSMAN MD, | <i>[Skin Cancer]</i> | | | |
| <i>Immune Response Modulation Improves Cancer Immunotherapy</i> | | 1999 | \$24,335 | \$112,020 |

| | | | Funded : | Generated : |
|---|-----------------------------|---------------|------------------|---------------------|
| GLENN TALASKA, PHD | <i>[Bladder Cancer]</i> | | | |
| <i>Benzidine and B-naphthylamine DNA Adducts in Humans</i> | | 1997 | \$40,000 | \$690,180 |
| NEVILLE TAM, PHD | <i>[Prostate Cancer]</i> | | | |
| <i>Dietary Soy and Epigenetic Modulation in Androgen-independent Prostrate Cancer</i> | | 2008 | \$49,857 | \$375,623 |
| CRAIG R TOMLINSON, PHD | <i>[Breast Cancer]</i> | | | |
| <i>Global gene expression profiles for the very early prediction of breast cancer</i> | | 2005 | \$25,000 | |
| YING XIA, PHD | <i>[Chemotherapy]</i> | | | |
| <i>Role of MEKK1 in Anticancer Treatment</i> | | 2002 | \$50,000 | \$5,067,800 |
| JINSONG ZHANG, PHD | <i>[Leukemia]</i> | | | |
| <i>Role of E Protein Inactivation in Leukemogenesis by AML1-ETO</i> | | 2008 | \$35,000 | \$1,935,998 |
| XIAOTING ZHANG, PHD | <i>[Breast Cancer]</i> | | | |
| <i>The ER/MED1 Axis and Mammary Stem/Progenitor Cells</i> | | 2011 | \$60,000 | \$1,807,125 |
| | | Total: | \$995,398 | \$45,619,271 |
| UNIVERSITY OF DAYTON | | | | |
| AMIT SINGH, PHD | <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 |
| | | Total: | \$50,000 | \$229,250 |
| UNIVERSITY OF TOLEDO | | | | |
| GLORIA BORGSTAHL, PHD | <i>[Genetic Research]</i> | | | |
| <i>Crystallization of Native and Phosphorylated RPA</i> | | 1999 | \$50,000 | \$720,000 |
| IVANA DE LA SERNA, PHD | <i>[Skin Cancer]</i> | | | |
| <i>De-regulation of Chromatin Remodeling by BRAF (V600E) in Melanoma</i> | | 2008 | \$50,000 | \$1,649,853 |
| JOHN DAVID DIGNAM, PHD | <i>[Molecular Research]</i> | | | |
| <i>Adenoassociated Virus Rep78 Protein</i> | | 1997 | \$40,000 | \$1,371,815 |
| HAN-FEI DING, MD PHD | <i>[Genetic Research]</i> | | | |
| <i>Capase-8 and p53 in N-Myc-Induced Sensitization to Apoptosis</i> | | 2001 | \$50,000 | \$1,627,468 |
| FAN DONG, MD PHD | <i>[Gene Mutation]</i> | | | |
| <i>Gfi-1 in the Regulation of p21 Cip</i> | | 2007 | \$50,000 | \$1,056,000 |
| RAFAEL GARCIA-MATA, PHD | <i>[Breast Cancer]</i> | | | |
| <i>Molecular Mechanisms of Invadopodia Formation in Breast Cancer Cells</i> | | 2013 | \$60,000 | |
| SONG-TAO LIU, PHD | <i>[Gene Mutation]</i> | | | |
| <i>Regulation of the Mitotic Checkpoint by hMPS1 KINASE</i> | | 2008 | \$50,000 | \$1,882,659 |
| STEVE MATTHEW PATRICK, PHD | <i>[Gene Mutation]</i> | | | |
| <i>RPA Phosphorylation and DNA Binding: Roles in the Nbs1/MRN Interaction and ATR Signaling</i> | | 2007 | \$50,000 | \$1,436,124 |
| DOUGLAS LEE PITTMAN, PHD | <i>[Breast Cancer]</i> | | | |
| <i>Characterizing the RAD51D E233G High-Risk Breast Cancer Allele</i> | | 2005 | \$50,000 | |
| RANDALL JOE RUCH, PHD | <i>[Lung Cancer]</i> | | | |
| <i>Lung Tumor Growth Inhibition: Role of Gap Junctions</i> | | 1993 | \$39,600 | \$546,295 |
| LIRIM SHEMSHEDINI, PHD | <i>[Gene Mutation]</i> | | | |
| <i>Isolation of Repressors of the Androgen Receptor</i> | | 2001 | \$50,000 | \$921,349 |

| | | | Funded : | Generated : |
|---|-------------------------------|-----------------|----------------------|---------------------|
| CYTHINA M SMAS, DSC | <i>[Prostate Cancer]</i> | | | |
| <i>Function of the HLH Protein Id-1 in Prostate Cancer</i> | 2001 | \$50,000 | \$1,411,888 | |
| STEVEN J SUCHECK, PHD | <i>[Tumor Cells Research]</i> | | | |
| <i>Solid Phase Synthesis of Cancer Antigens Containing Decarboxylative Ligation Functionality</i> | 2007 | \$50,000 | \$795,487 | |
| JAMES P TREMPE, PHD | <i>[Tumor Cells Research]</i> | | | |
| <i>DNA Synthesis Inhibition by a Viral Regulatory Protein</i> | 1991 | \$38,907 | \$2,090,568 | |
| YIAN WANG, MD PHD | <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 | | |
| KAM CHI YEUNG, PHD | <i>[Molecular Research]</i> | | | |
| <i>Substrates of Raf-1 Protein Kinase</i> | 2002 | \$50,000 | \$575,019 | |
| MING YOU, MD PHD | <i>[Lung Cancer]</i> | | | |
| <i>The Role of Suppressor Genes in the Pathogenesis of Human and Mouse Lung Tumors</i> | 1991 | \$38,523 | | |
| JIANGLONG ZHU, PHD | <i>[Tumor Study]</i> | | | |
| <i>Stereoselective Synthesis of 2-Deoxy-glycosides and Thioglycosides in Antitumor Natural Products</i> | 2012 | \$15,000 | \$390,000 | |
| | | Total: | \$816,649 | \$16,474,525 |
| WRIGHT STATE UNIVERSITY | | | | |
| STEVEN BERBERICH, PHD | <i>[Gene Mutation]</i> | | | |
| <i>DNA-PK phosphoorylation of the human Mdm-2 oncoprotein</i> | 1997 | \$39,996 | \$2,708,747 | |
| JOHN J TURCHI, PHD | <i>[Gene Mutation]</i> | | | |
| <i>Mechanisms of Mammalian Telomere DNA Replication</i> | 1995 | \$39,965 | \$835,824 | |
| YONG-JIE XU, MD PHD | <i>[Chemotherapy]</i> | | | |
| <i>Phosphorylation Network of the DNA Replication checkpoint in Fission Yeast</i> | 2010 | \$60,000 | | |
| | | Total: | \$139,961 | \$3,544,571 |
| Grand Total of Research Funded: | | | \$7,033,381 | |
| Grand Total of Funds Generated: | | | \$220,263,546 | * |
| # of projects: | | | | 160 |
| # of researchers: | | | | 156 |

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