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Viewing 80 results

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Title	Principal Investigator	Institution	Grant Number
A Novel Carcinogen-Induced Cell Cycle Checkpoint	vaziri, cyrus	Univ Of North Carolina Chapel Hill	R01ES009558
A genetic approach to understanding mechanisms of epigenetic perturbation by environment	ideraabdullah, folami y	Univ Of North Carolina Chapel Hill	K22ES023849
Advancing mechanism-based studies with cross-species chemical-phenotype data	mattingly, carolyn j	North Carolina State University Raleigh	R01ES023788
Alveolar Macrophages in Granulomatous Disease	thomassen, mary jane	East Carolina University	R01ES025191
Alzheimer's Disease, Genes, and Pesticide Use in the Agricultural Health Study	plassman, brenda l	Duke University	R01ES024288
Assay Development for Measuring Chemical Effects on the Epigenome in Stem Cells	hobbs, cheryl a.	Integrated Laboratory Systems, Inc.	R44ES023526
Biogeochemical Framework to Evaluate Mercury Methylation Potential During in-situ	hsu-kim, heileen	Duke University	R01ES024344
Biostatistics for Research in Environmental Health	herring, amy h	Univ Of North Carolina Chapel Hill	T32ES007018
C60, MWCNTs and the Influence on Cardiovascular, Reproductive, and Developmental	fennell, timothy r	Research Triangle Institute	U19ES019525
CBPR on Pesticide Exposure & Neurological Outcomes for Latinos: PACE4	arcury, thomas a.	Wake Forest University Health Sciences	R01ES008739
Cellular Stress Response Signaling Pathways	kastan, michael b	Duke University	R01ES005777
Center for Human Health and the Environment	smart, robert c	North Carolina State University Raleigh	P30ES025128
Children Exposure to SVOC Mixtures Indoors and Associations with Obesity	stapleton, heather m	Duke University	R01ES016099

Chronic Granulomatous Lung Inflammation Elicited by Carbon Nanotubes	thomassen, mary jane	East Carolina University	R15ES022462
Climate Change and Future Air Pollution Mortality:Exploration of Scenarios and Be	west, james jason	Univ Of North Carolina Chapel Hill	R21ES022600
CometChip: Development of a high throughput DNA damage assay in hepatocytes	recio, leslie	Integrated Laboratory Systems, Inc.	R44ES024698
Development of therapeutics for chlorine-induced airway and lung injury	gunn, michael d	Duke University	U01ES017219
Diesel-Induced Alterations of Influenza infectivity	jaspers, ilona	Univ Of North Carolina Chapel Hill	R01ES013611
Duke Infectious Disease Response Training Consortium (DIDRT)	sempowski, gregory d	Duke University	UH4ES027072
Duke University Program in Environmental Health	di giulio, richard	Duke University	T32ES021432
Early life ENM-exposure and the impact on neurobehavioral and cardiovascular outcomes and biochemical mechanisms	mortensen, ninell pollas	Research Triangle Institute	U01ES027254
Elucidating Risks: From Exposure and Mechanism to Outcome	fry, rebecca	Univ Of North Carolina Chapel Hill	P42ES005948
Endothelial Progenitor Cells for Assessing Toxicological Response Variability in Humans	ludlow, john william	Britebio, Inc.	R44ES023527
Environmental pesticide exposure and respiratory outcomes in women and children	hoppin, jane	North Carolina State University Raleigh	R21ES025374
Epigenetic Mechanisms of PM-Mediated CVD Risk	whitsel, eric a.	Univ Of North Carolina Chapel Hill	R01ES020836
Epigenetics, environmental exposure, and reproduction in the Collaborative Cross	aylor, david lawrence	North Carolina State University Raleigh	R00ES021535
Fluoride and human health: Assessing novel biomarkers in detecting bone disorder	godebo, tewodros r	Duke University	K99ES023472
Functional interaction between the gut microbiome and arsenic exposure	lu, kun	Univ Of North Carolina Chapel Hill	R01ES024950
Gamma tocopherol chemoprevention of wood smoke PM2.5-induced airway inflammation	peden, david b	Univ Of North Carolina Chapel Hill	R01ES025124

Gene-Environment Interactions with Ozone in Experimental Asthma	kelada, samir	Univ Of North Carolina Chapel Hill	R01ES024965
Generation of a centralized and integrated resource for exposure data	mattingly, carolyn j	North Carolina State University Raleigh	R01ES019604
Genes, genomes, and genotoxicity: in vivo epigenetic toxicology of 1,3-butadiene	furey, terrence s.	Univ Of North Carolina Chapel Hill	R01ES023195
Genetic Susceptibility to Nanoparticle-Induced Respiratory Disease	bonner, james christopher	North Carolina State University Raleigh	R01ES020897
Genetic sensitivity to mitochondrial toxicity	luz, anthony	Duke University	F31ES026859
Graduate Training in Bioinformatics	zeng, zhao-bang	North Carolina State University Raleigh	T32ES007329
Human Pesticide Exposure and Epigenetic Changes in Sperm DNA	taylor, robert n	Wake Forest University Health Sciences	R01ES025066
Impact of El Nino on Environmental Mercury and Human Exposure	pan, william kuang-yao	Duke University	R21ES026960
Inflammatory Markers, Hazardous Air Pollutants, and Psychosocial Factors	brooks, jada l	Univ Of North Carolina Chapel Hill	K23ES027026
Integration of Genomic Biomarkers with the devTOX Human Embryonic Stem Cells Scre	recio, leslie	Integrated Laboratory Systems, Inc.	R44ES022114
Interpreting molecular role of DNA variants associated with Crohn's Disease through integrative analysis of open chromatin, epigenome and transcriptome data in diverse and relevant tissues and cells	furey, terrence s.	Univ Of North Carolina Chapel Hill	R01ES024983
Mechanism of Silica-induced Autoimmunity	foster, mary h	Duke University	R21ES024451
Mechanisms of Arsenic-Induced Diabetes Mellitus	styblo, miroslav	Univ Of North Carolina Chapel Hill	R01ES022697
Mechanisms of in utero exposure to bisphenol A induced mammary tumor risk	yang, xiaohe	North Carolina Central University	R21ES025337

Molecular Pathways to Pathogenesis in Toxicology	smart, robert c	North Carolina State University Raleigh	T32ES007046
Neurobehavioral effects of Bisphenol A Across age and sex	patisaul, heather b	North Carolina State University Raleigh	U01ES020929
Neurodevelopment and Improving Children's Health following EtS exposure (NICHES)	murphy, susan kay	Duke University	P01ES022831
New Oxidation-Sensing Probes to Evaluate Mitochondrial Dysfunction in Lung Injury	furdui, cristina maria	Wake Forest University Health Sciences	R21ES025645
Nonparametric Bayes Methods for Big Data in Neuroscience	pearson, john	Duke University	K01ES025442
Novel Rad18 functions in Histone Modification and Regulation of Gene Expression	vaziri, cyrus	Univ Of North Carolina Chapel Hill	R21ES023895
Nucleoprotein Structures at Telomeres and Sites of DNA Damage	griffith, jack d	Univ Of North Carolina Chapel Hill	R01ES013773
Organotin influences on assembly and obesogenic activity of the gut microbiota	rawls, john f	Duke University	R21ES023369
Ozone, lipid-protein adducts, and biological effects	jaspers, ilona	Univ Of North Carolina Chapel Hill	R21ES024666
Pathogenesis of ozone-induced asthma exacerbation	tilley, stephen lloyd	Univ Of North Carolina Chapel Hill	R01ES025198
Phase II studies of gamma tocopherol as an intervention for environmental asthma	peden, david b	Univ Of North Carolina Chapel Hill	R01ES023349
Pre- and Postdoctoral Training in Toxicology	jaspers, ilona	Univ Of North Carolina Chapel Hill	T32ES007126
Prenatal Exposure to Organophosphates and Associations with Child Growth	daniels, julie l	Univ Of North Carolina Chapel Hill	R21ES023904
Prenatal Toxicant Exposure and Risk of Attention-Deficit Hyperactivity Disorder	engel, stephanie m	Univ Of North Carolina Chapel Hill	R01ES021777
Prenatal environmental toxicants: risk factors for infectious disease in children	fry, rebecca	Univ Of North Carolina Chapel Hill	R13ES027335

Pro-oncogenic roles of apoptotic caspases	li, chuan-yuan	Duke University	R01ES024015
RTI CHEAR Exposure Assessment Hub	fennell, timothy r	Research Triangle Institute	U2CES026544
Role of Mitochondrial CYP2E1 in Chemical Exposure-Driven Neurodegeneration	hartman, jessica h	Duke University	F32ES027306
Single Nucleotide Resolution Map of Formation and Repair of Bulky Adducts in the Human Genome	sancar, aziz	Univ Of North Carolina Chapel Hill	R01ES027255
Space-time Modeling for Linking Climate Change, Pollutant Exposure, Built Environm	fuentes, montserrat	North Carolina State University Raleigh	R01ES014843
Statistical Methods for Outcome-Dependent Sampling	zhou, haibo	Univ Of North Carolina Chapel Hill	R01ES021900
Superfund Research Center: Developmental Toxicants: Mechanisms, Consequences and	di giulio, richard	Duke University	P42ES010356
Systems Toxicogenomics of Endocrine Disrupting Chemicals in Brain	aylor, david lawrence	North Carolina State University Raleigh	U01ES026717
Targeting Injury Pathways to Counteract Pulmonary Agent and Vesicant Toxicity	jordt, sven-eric	Duke University	U01ES015674
The Comparative Toxicogenomics Database (CTD)	mattingly, carolyn j	North Carolina State University Raleigh	R01ES014065
The Elongation Hypothesis of Autism	zylka, mark j	Univ Of North Carolina Chapel Hill	DP1ES024088
The Health and Poverty Effects of a Large-scale Cookstove Initiative in Rwanda	handa, sudhanshu	Univ Of North Carolina Chapel Hill	R01ES023861
The Role of Diet in Diabetes Associated with Arsenic Exposure	styblo, miroslav	Univ Of North Carolina Chapel Hill	R21ES023690
The Role of Mitochondrial DNA Damage in Neurodegeneration	meyer, joel newman	Duke University	R01ES017540
Toxicokinetics and Metabolic Disrupting Actions of the Flame Retardant Mixture FM	patisaul, heather b	North Carolina State University Raleigh	R56ES022957

Transgenerational actions of the endocrine disrupting compound Bisphenol A	rissman, emilie f.	North Carolina State University Raleigh	R01ES022759
UNC Center for Environmental Health and Susceptibility	swenberg, james a	Univ Of North Carolina Chapel Hill	P30ES010126
UV Light and Autoimmunity: A Role for Small Excised DNA Oligonucleotides	sancar, aziz	Univ Of North Carolina Chapel Hill	R21ES024425