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Viewing 61 results

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Title	Principal Investigator	Institution	Grant Number
2016 Mutagenesis Gordon Research Conference and Gordon Research Seminar	cimprich, karlene a	Gordon Research Conferences	R13ES026868
2016-2018 Annual Meetings of the Environmental Mutagenesis and Genomics Society (EMGS)	wilson, thomas edward	Environmental Mutagenesis/Genomics Soc	U13ES027323
A Study of Telomeres in an Arsenic-Exposed Bangladesh Cohort	pierce, brandon lee	University Of Chicago	R01ES020506
A reporter system for screening CNV risk factors	arlt, martin f	University Of Michigan	R21ES026306
Biochemical Basis of SOS-Induced Mutagenesis	goodman, myron	University Of Southern California	R01ES012259
Biochemical Basis of Somatic Hypermutation	goodman, myron	University Of Southern California	R56ES013192
Biological Consequences and Repair of Alkylated Thymidine Lesions	wang, yinsheng	University Of California Riverside	R01ES025121
Bisphenol A modulation of DNA repair triggered by environmental genotoxic stress	gassman, natalie rose	University Of South Alabama	R00ES023813
Chemical Toxicology of the People, for the People and by the People	tretyakova, natalia y	University Of Minnesota	R13ES027322
Cross-links At Abasic Sites in Duplex DNA	gates, kent s	University Of Missouri-Columbia	R01ES021007
Cross-talking events of eukaryotic DDR	wani, altaf a	Ohio State University	R01ES012991
Cytoplasmic Damage and Genotoxicity	hei, tom k.	Columbia University Health Sciences	R01ES012888
Cytoplasmic-nuclear redox signaling: Disruption by dietary cadmium levels	jones, dean paul	Emory University	R01ES023485
DNA Damage Response Following Genotoxin Exposure	wani, altaf a	Ohio State University	R01ES002388
DNA Polymerase Beta Variants and Cancer	sweasy, joann b.	Yale University	R01ES019179
DNA Repair Genes and Proteins of the RAD52 Group	sung, patrick	Yale University	R01ES007061
DNA Repair Strategies that Impact Genomic Stability During Oxidative Stress	freudenthal, bret d.	University Of Kansas Medical Center	R00ES024431
DNA damage recognition by nucleotide excision repair proteins	van houten, bennett	University Of Pittsburgh At Pittsburgh	R01ES019566
DNA-Protein cross-links: cellular effects and repair mechanisms	tretyakova, natalia y	University Of Minnesota	R01ES023350

Deciphering the mechanisms of PARP1 activity in telomere integrity	fouquerel, elise	University Of Pittsburgh At Pittsburgh	K99ES027028
EU-US Workshop 'Nucleotide excision repair and crosslink repair - from molecules to mankind'	van houten, bennett	University Of Pittsburgh At Pittsburgh	R13ES027744
Environmental Carcinogen-DNA Adducts: NER Recognition	broyde, suse	New York University	R01ES025987
Environmentally-modulated cytosine deamination in genome instability and cancer	roberts, steven a	Washington State University	R00ES022633
Eukaryotic DNA Alkylation Repair	samson, leona d.	Massachusetts Institute Of Technology	R01ES022872
Formaldehyde Genotoxicity	zhitkovich, anatoly	Brown University	R01ES020689
Genotoxicity of Chromium Compounds	zhitkovich, anatoly	Brown University	R01ES008786
Hypoxia, DNA repair, and gene silencing	glazer, peter m	Yale University	R01ES005775
In utero exposure to endocrine-disrupting chemicals and telomere length at birth	michels, karin b	Brigham And Women'S Hospital	R03ES025348
Interplay between DNA repair mechanisms in human cells and extracts	shafirovich, vladimir	New York University	R01ES027059
Mechanism of DNA interstrand crosslink repair in vivo	courcelle, justin	Portland State University	R15ES025953
Mechanism of Eukaryotic Environmental Mutagenesis	walker, graham c	Massachusetts Institute Of Technology	R01ES015818
Mechanisms and Crosstalk of DNA Break Resection Pathways	niu, hengyao	Indiana University Bloomington	R00ES021441
Mechanisms of Telomere Resistance to DNA Lesion Removal	opresko, patricia l	University Of Pittsburgh At Pittsburgh	R01ES022944
Mechanisms of mismatch repair mediated cell death after alkylating agent exposure	goellner, eva marie	Ludwig Institute For Cancer Res Ltd	K99ES026653
Mechanisms of reversible DUB oxidation in genome stability pathways	huang, tony tung	New York University School Of Medicine	R01ES025166
Mechanisms of selective excision and oxidative repair of alkylated DNA	camps, manel	University Of California Santa Cruz	R01ES019625
Mutagenesis, tumorigenesis and human DNA polymerase epsilon	pursell, zachary f	Tulane University Of Louisiana	R56ES026821
NMR studies of a model DNA polymerase	suo, zucai	Ohio State University	R21ES024585
NUCKS, a novel double-strand break repair gene, implicated in cancer biology	wiese, claudia	Colorado State University	R01ES021454
Novel DNA damage response gene from genomic screening	concannon, patrick	University Of Florida	R01ES027121
Novel Interactions of DNA Repair Processes in Replication Fork Maintenance	cooper, priscilla k.	University Of Calif-Lawrenc Berkeley Lab	R01ES019935
Novel deubiquitinating activities targeting DNA damage recognition in NER	gong, feng	University Of Miami School Of Medicine	R21ES024882

Nucleoprotein Structures at Telomeres and Sites of DNA Damage	griffith, jack d	Univ Of North Carolina Chapel Hill	R01ES013773
Preparation and biophysical characterization of neutral and cationic DNA lesions, and their role in damage recognition by DNA glycosylases	parsons, zachary daniel	Vanderbilt University	F32ES027332
RECQ helicases in DNA mismatch repair	zhang, yanbin	University Of Miami School Of Medicine	R21ES027058
Regulation of the DNA Damage Response	cimprich, karlene a	Stanford University	R01ES016486
Repair of Carcinogen Damaged DNA in Human Chromatin	smerdon, michael j	Washington State University	R01ES002614
Repair of Inflammation-induced DNA damage	lee, seongmin	University Of Texas, Austin	R21ES023101
Repair of Radiation-Induced Crosslink Lesions of DNA	wang, yinsheng	University Of California Riverside	R01ES019873
Replication fork dynamics and repair by Rad51 paralogues after DNA alkylation	bernstein, kara a	University Of Pittsburgh At Pittsburgh	R01ES024872
Ribose-seq profile and analysis of ribonucleotides in DNA of oxidatively-stressed and cancer cells	storici, francesca	Georgia Institute Of Technology	R01ES026243
Role of cohesin in lesion bypass in DNA damaged human cells	prakash, louise	University Of Texas Medical Br Galveston	R01ES022948
Role of human DNA polymerase iota in replicative bypass of DNA lesions	aggarwal, aneel k.	Icahn School Of Medicine At Mount Sinai	R01ES021452
Single Nucleotide Resolution Map of Formation and Repair of Bulky Adducts in the Human Genome	sancar, aziz	Univ Of North Carolina Chapel Hill	R01ES027255
Telomere Dynamics as Indicators of Social Adversity in Environmental Epidemiology	herbstman, julie beth	Columbia University Health Sciences	R03ES026416
The Role of Mono-ADP-Ribosylation by PARP14 in Radioresistance	moldovan, george lucian	Pennsylvania State Univ Hershey Med Ctr	R01ES026184
The Role of RNA Repair to Cellular Radiation Resistance	schmier, brad joseph	Sloan-Kettering Inst Can Research	F32ES022914
The Role of Small RNAs in Homologous Recombination	daley, james	Yale University	R21ES027154
Translational control of ROS Management	begley, thomas j	Suny Polytechnic Institute	R01ES024615
Translesion Synthesis DNA Polymerases and Genome Instability	shcherbakova, polina v	University Of Nebraska Medical Center	R01ES015869
Trinucleotide Repeat Instability via DNA Damage and Repair	liu, yuan	Florida International University	R01ES023569