Sirtris Pharmaceuticals, Inc

Sirtris Pharmaceuticals, Inc Patent applications		
Patent application number	**Title**	**Published**
20120197013	SIRTUIN MODULATING COMPOUNDS - Provided herein are novel sirtuin-modulating compounds and methods of use thereof. The sirtuin-modulating compounds may be used for increasing the lifespan of a cell, and treating and/or preventing a wide variety of diseases and disorders including, for example, diseases or disorders related to aging or stress, diabetes, obesity, neurodegenerative diseases, cardiovascular disease, blood clotting disorders, inflammation, cancer, and/or flushing as well as diseases or disorders that would benefit from increased mitochondrial activity. Also provided are compositions comprising a sirtuin-modulating compound in combination with another therapeutic agent.	08-02-2012
20120165330	QUINAZOLINONE AND RELATED ANALOGS AS SIRTUIN MODULATORS - Provided herein are novel sirtuin-modulating compounds and methods of use thereof. The sirtuin-modulating compounds may be used for increasing the lifespan of a cell, and treating and/or preventing a wide variety of diseases and disorders including, for example, diseases or disorders related to aging or stress, diabetes, obesity, neurodegenerative diseases, cardiovascular disease, blood clotting disorders, inflammation, cancer, and/or flushing as well as diseases or disorders that would benefit from increased mitochondrial activity. Also provided are compositions comprising a sirtuin-modulating compound in combination with another therapeutic agent.	06-28-2012
20120108585	BENZOXAZOLES, BENZTHIAZOLES AND RELATED ANALOGS AS SIRTUIN MODULATORS - Provided herein are novel sirtuin-modulating compounds and methods of use thereof. The sirtuin-modulating compounds may be used for increasing the lifespan of a cell, and treating and/or preventing a wide variety of diseases and disorders including, for example, diseases or disorders related to aging or stress, diabetes, obesity, neurodegenerative diseases, cardiovascular disease, blood clotting disorders, inflammation, cancer, and/or flushing as well as diseases or disorders that would benefit from increased mitochondrial activity. Also provided are compositions comprising a sirtuin-modulating compound in combination with another therapeutic agent.	05-03-2012
20120022254	SIRTUIN MODULATING COMPOUNDS - Provided herein are novel sirtuin-modulating compounds and methods of use thereof. The sirtuin-modulating compounds may be used for increasing the lifespan of a cell, and treating and/or preventing a wide variety of diseases and disorders including, for example, diseases or disorders related to aging or stress, diabetes, obesity, neurodegenerative diseases, cardiovascular disease, blood clotting disorders, inflammation, cancer, and/or flushing as well as diseases or disorders that would benefit from increased mitochondrial activity. Also provided are compositions comprising a sirtuin-modulating compound in combination with another therapeutic agent.	01-26-2012
20110306612	QUINAZOLINONE, QUINOLONE AND RELATED ANALOGS AS SIRTUIN MODULATORS - Provided herein are novel sirtuin-modulating compounds and methods of use thereof. The sirtuin-modulating compounds may be used for increasing the lifespan of a cell, and treating and/or preventing a wide variety of diseases and disorders including, for example, diseases or disorders related to aging or stress, diabetes, obesity, neurodegenerative diseases, cardiovascular disease, blood clotting disorders, inflammation, cancer, and/or flushing as well as diseases or disorders that would benefit from increased mitochondrial activity. Also provided are compositions comprising a sirtuin-modulating compound in combination with another therapeutic agent.	12-15-2011
20110263564	PYRIDINE, BICYCLIC PYRIDINE AND RELATED ANALOGS AS SIRTUIN MODULATORS - Provided herein are novel sirtuin-modulating compounds and methods of use thereof. The sirtuin-modulating compounds may be used for increasing the lifespan of a cell, and treating and/or preventing a wide variety of diseases and disorders including, for example, diseases or disorders related to aging or stress, diabetes, obesity, neurodegenerative diseases, cardiovascular disease, blood clotting disorders, inflammation, cancer, and/or flushing as well as diseases or disorders that would benefit from increased mitochondrial activity. Also provided are compositions comprising a sirtuin-modulating compound in combination with another therapeutic agent.	10-27-2011
20110257174	CHROMENONE ANALOGS AS SIRTUIN MODULATORS - Provided herein are novel sirtuin-modulating compounds and methods of use thereof. The sirtuin-modulating compounds may be used for increasing the lifespan of a cell, and treating and/or preventing a wide variety of diseases and disorders including, for example, diseases or disorders related to aging or stress, diabetes, obesity, neurodegenerative diseases, cardiovascular disease, blood clotting disorders, inflammation, cancer, and/or flushing as well as diseases or disorders that would benefit from increased mitochondrial activity. Also provided are compositions comprising a sirtuin-modulating compound in combination with another therapeutic agent.	10-20-2011
20110152254	SIRTUIN MODULATING COMPOUNDS - Provided herein are novel sirtuin-modulating compounds and methods of use thereof. The sirtuin-modulating compounds may be used for increasing the lifespan of a cell, and treating and/or preventing a wide variety of diseases and disorders including, for example, diseases or disorders related to aging or stress, diabetes, obesity, neurodegenerative diseases, cardiovascular disease, blood clotting disorders, inflammation, cancer, and/or flushing as well as diseases or disorders that would benefit from increased mitochondrial activity. Also provided are compositions comprising a sirtuin-modulating compound in combination with another therapeutic agent.	06-23-2011
	SIRTUIN MODULATING COMPOUNDS - Provided herein are novel sirtuin-modulating compounds and methods of use thereof. The sirtuin-modulating compounds may be used for increasing the lifespan of a cell, and treating and/or preventing a wide variety of diseases and disorders	06-02-

20110130387	including, for example, diseases or disorders related to aging or stress, diabetes, obesity, neurodegenerative diseases, cardiovascular disease, blood clotting disorders, inflammation, cancer, and/or flushing as well as diseases or disorders that would benefit from increased mitochondrial activity. Also provided are compositions comprising a sirtuin-modulating compound in combination with another therapeutic agent.	2011
20110039847	AMIDE DERIVATIVES AS SIRTUIN MODULATORS - Provided herein are novel sirtuin-modulating compounds represented by Structural Formula (I) and methods of use thereof. The sirtuin-modulating compounds may be used for increasing the lifespan of a cell, and treating and/or preventing a wide variety of diseases and disorders including, for example, diseases or disorders related to aging or stress, diabetes, obesity, neurodegenerative diseases, cardiovascular disease, blood clotting disorders, inflammation, cancer, and/or flushing as well as diseases or disorders that would benefit from increased mitochondrial activity. Also provided are compositions comprising a sirtuin-modulating compound in combination with another therapeutic agent.	02-17-2011
20110015192	SIRTUIN MODULATING COMPOUNDS - Provided herein are novel sirtuin-modulating compounds and methods of use thereof. The sirtuin-modulating compounds may be used for increasing the lifespan of a cell, and treating and/or preventing a wide variety of diseases and disorders including, for example, diseases or disorders related to aging or stress, diabetes, obesity, neurodegenerative diseases, cardiovascular disease, blood clotting disorders, inflammation, cancer, and/or flushing as well as diseases or disorders that would benfit from increased mitochondrial activity. Also provided are compositions comprising a sirtuin-modulating compound in combination with another therapeutic agent.	01-20-2011
20100215632	BIOMARKERS OF SIRTUIN ACTIVITY AND METHODS OF USE THEREOF - Provided are methods for monitoring sirtuin modulation in a subject, for example, during therapeutic treatment with a sirtuin modulating compound. The methods involve determining the expression level of one or more sirtuin biomarkers in a biological sample from the subject. Also provided are methods for identifying compounds that modulate the activity of a sirtuin protein using one or more sirtuin biomarkers.	08-26-2010
20090221020	Mass Spectrometry Assays for Acetyltransferase/Deacetylase Activity - Provided are methods for determining the activity of proteins that modulate the acetylation state of a protein substrate. The methods may be used for determining both acetyltransferase activity and deacetylase activity. The methods utilize mass spectrometry for determining the acetylation state of a substrate peptide. The methods may also be used to identify compounds that modulate the activity of a protein having acetyltransferase or deacetylase activity.	09-03-2009
20090163476	N-Phenyl Benzamide Derivatives as Sirtuin Modulators - Provided herein are novel sirtuin-modulating compounds and methods of use thereof. The sirtuin-modulating compounds may be used for increasing the lifespan of a cell, and treating and/or preventing a wide variety of diseases and disorders including, for example, diseases or disorders related to aging or stress, diabetes, obesity, neurodegenerative diseases, cardiovascular disease, blood clotting disorders, inflammation, cancer, and/or flushing as well as diseases or disorders that would benefit from increased mitochondrial activity. Also provided are compositions comprising a sirtuin-modulating compound in combination with another therapeutic agent.	06-25-2009
20090105246	Sirtuin modulating compounds - Provided herein are novel sirtuin-modulating compounds and methods of use thereof. The sirtuin-modulating compounds may be used for increasing the lifespan of a cell, and treating and/or preventing a wide variety of diseases and disorders including, for example, diseases or disorders related to aging or stress, diabetes, obesity, neurodegenerative diseases, cardiovascular disease, blood clotting disorders, inflammation, cancer, and/or flushing as well as diseases or disorders that would benefit from increased mitochondrial activity. Also provided are compositions comprising a sirtuin-modulating compound in combination with another therapeutic agent.	04-23-2009
20090099170	Sirtuin modulating compounds - Provided herein are novel sirtuin-modulating compounds and methods of use thereof. The sirtuin-modulating compounds may be used for increasing the lifespan of a cell, and treating and/or preventing a wide variety of diseases and disorders including, for example, diseases or disorders related to aging or stress, diabetes, obesity, neurodegenerative diseases, cardiovascular disease, blood clotting disorders, inflammation, cancer, and/or flushing as well as diseases or disorders that would benefit from increased mitochondrial activity. Also provided are compositions comprising a sirtuin-modulating compound in combination with another therapeutic agent.	04-16-2009
20090069301	Acridine and Quinoline Derivatives as Sirtuin Modulators - Provided herein are novel sirtuin-modulating compounds and methods of use thereof. The sirtuin-modulating compounds may be used for increasing the lifespan of a cell, and treating and/or preventing a wide variety of diseases and disorders including, for example, diseases or disorders related to aging or stress, diabetes, obesity, neurodegenerative diseases, chemotherapeutic induced neuropathy, neuropathy associated with an ischemic event, polyglutamine diseases, ocular diseases and/or disorders, cardiovascular disease, blood clotting disorders, inflammation, cancer, and/or flushing. Also provided are compositions comprising a sirtuin-modulating compound in combination with another therapeutic agent.	03-12-2009
20090012080	Sirtuin modulating compounds - Provided herein are novel sirtuin-modulating compounds and methods of use thereof. The sirtuin-modulating compounds may be used for increasing the lifespan of a cell, and treating and/or preventing a wide variety of diseases and disorders including, for example, diseases or disorders related to aging or stress, diabetes, obesity, neurodegenerative diseases, cardiovascular disease, blood clotting disorders, inflammation, cancer, and/or flushing as well as diseases or disorders that would benefit from increased mitochondrial activity. Also provided are compositions comprising a sirtuin-modulating compound in combination with another therapeutic agent.	01-08-2009
20080293081	Fluorescence Polarization Assays for Acetyltransferase/Deacetylase Activity - Provided are methods for determining the activity of proteins that modulate the acetylation state of a protein substrate. The methods may be used for determining both acetyltransferase activity and deacetylase activity. The methods involve fluorescence polarization measurements for determining the acetylation state of a substrate peptide. The methods may also be used to identify compounds that modulate the activity of a protein having acetyltransferase or deacetylase activity. Also provided are substrates for acetyltransferase or deacetylase enzymes for use in association with a fluorescence polarization assay.	11-27-2008
20080249130	Gut microsomal triglyceride transport protein inhibitors - Compounds represented by formula (I):	10-09-2008
20080249103	Sirtuin polymorphisms and methods of use thereof - Provided herein are methods for diagnosis and prognosis using polymorphic variants of sirtuins. Such polymorphic may be used, for example, to identify subjects that would be responsive to treatment with a sirtuin modulating compound and/or subjects that are suffering from or susceptible to a disease mediated by a sirtuin. Also provided are methods for determining the predictive value of a sirtuin polymorphic variant, methods for evaluating sirtuin modulating compounds, and methods for determining appropriate dosage and/or treatment regimens for subjects having one or more sirtuin polymorphic variants. Screening methods for identifying sirtuin modulating compounds using polymorphic variants of a sirtuin are also provided.	10-09-2008