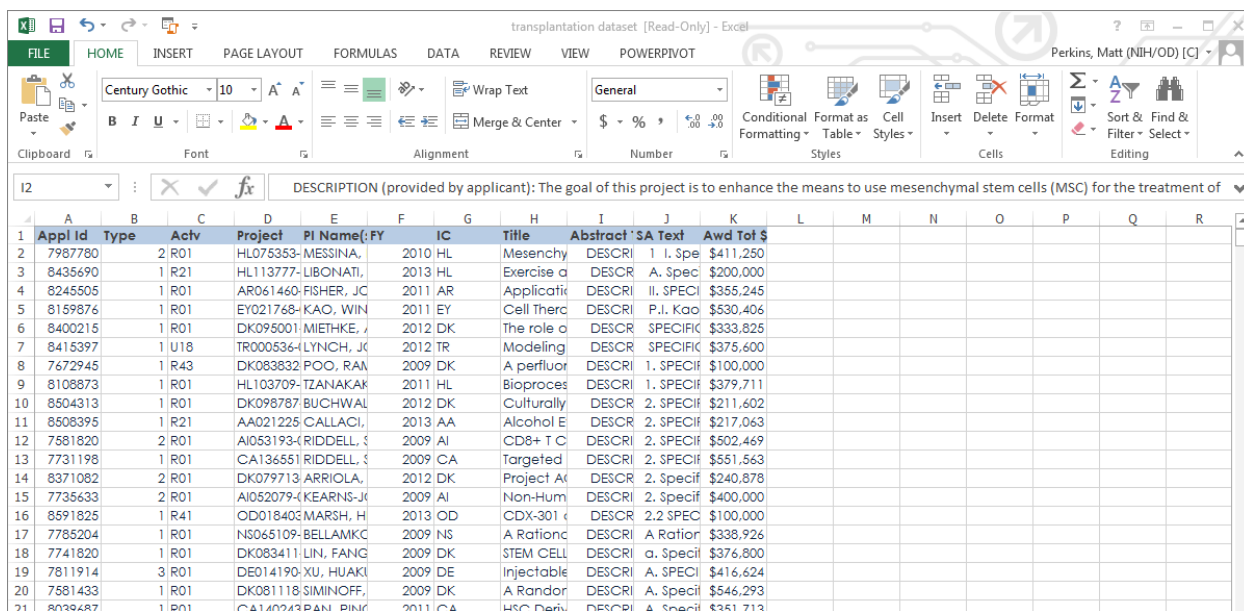


## Reading large text fields in Excel

When downloading large text fields such as Abstract or Specific Aims, the text is difficult to read in Excel. For example see the screen shot below.



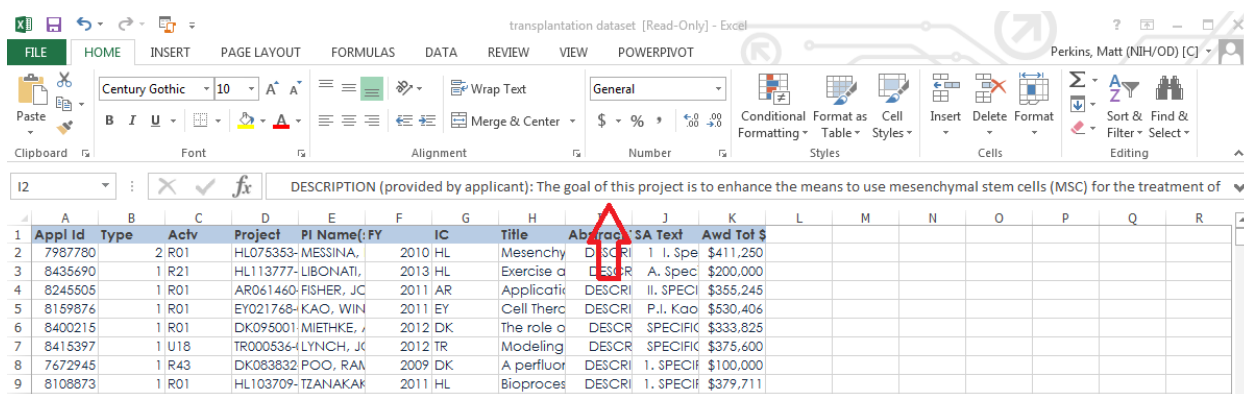
The screenshot shows the Excel interface with the formula bar expanded to show a long text description. The ribbon includes FILE, HOME, INSERT, PAGE LAYOUT, FORMULAS, DATA, REVIEW, VIEW, and POWERPivot. The formula bar contains the text: "DESCRIPTION (provided by applicant): The goal of this project is to enhance the means to use mesenchymal stem cells (MSC) for the treatment of".

Appl Id	Type	Actv	Project	PI Name (FY)	IC	Title	Abstract	SA Text	Awd Tot \$
7987780	2	R01	HL075353-MESSINA,	2010	HL	Mesenchy	DESCR	1. I. Spe	\$411,250
8435690	1	R21	HL113777-LIBONATI,	2013	HL	Exercise a	DESCR	A. Spec	\$200,000
8245505	1	R01	AR061460-FISHER, JC	2011	AR	Applicatio	DESCR	II. SPECI	\$355,245
8159876	1	R01	EY021768-KAO, WIN	2011	EY	Cell Ther	DESCR	P.I. Kao	\$530,406
8400215	1	R01	DK095001-MIETHKE,	2012	DK	The role o	DESCR	SPECIFIC	\$333,825
8415397	1	U18	TR000536-LYNCH, JC	2012	TR	Modeling	DESCR	SPECIFIC	\$375,600
7672945	1	R43	DK083832-POO, RAN	2009	DK	A perfluor	DESCR	1. SPECIF	\$100,000
8108873	1	R01	HL103709-TZANAKAK	2011	HL	Bioproc	DESCR	1. SPECIF	\$379,711
8504313	1	R01	DK098787-BUCHWAL	2012	DK	Culturally	DESCR	2. SPECIF	\$211,602
8508395	1	R21	AA021225-CALLACI,	2013	AA	Alcohol E	DESCR	2. SPECIF	\$217,063
7581820	2	R01	AI053193-RIDDELL, S	2009	AI	CD8+ T C	DESCR	2. SPECIF	\$502,469
7731198	1	R01	CA136551-RIDDELL, S	2009	CA	Targeted	DESCR	2. SPECIF	\$551,563
8371082	2	R01	DK079713-ARRIOLA,	2012	DK	Project Ai	DESCR	2. Specif	\$240,878
7735633	2	R01	AI052079-KEARNS-J	2009	AI	Non-Hum	DESCR	2. Specif	\$400,000
8591825	1	R41	OD018405-MARSH, H	2013	OD	CDX-301	DESCR	2.2 SPEC	\$100,000
7785204	1	R01	NS065109-BELLAMKC	2009	NS	A Rationc	DESCR	A Ration	\$338,926
7741820	1	R01	DK083411-LIN, FANG	2009	DK	STEM CELL	DESCR	a. Specif	\$376,800
7811914	3	R01	DE014190-XU, HUAKI	2009	DE	Injectable	DESCR	A. SPECI	\$416,624
7581433	1	R01	DK081118-SIMINOFF,	2009	DK	A Randor	DESCR	A. Specif	\$546,293
8039687	1	R01	CA140243-PAN, PIN	2011	CA	HSC Deriv	DESCR	A. Specif	\$351,713

There are two options for viewing the text. Viewing in the formula window, or expanding cell sizes.


### 1) Viewing in the formula window

It is possible to expand the formula window to show many more rows and make reading easier. To do so, simply move the mouse pointer to the bottom of the text entry box.



The screenshot shows the Excel interface with the formula bar expanded to show multiple rows of data. The ribbon includes FILE, HOME, INSERT, PAGE LAYOUT, FORMULAS, DATA, REVIEW, VIEW, and POWERPivot. The formula bar contains the text: "DESCRIPTION (provided by applicant): The goal of this project is to enhance the means to use mesenchymal stem cells (MSC) for the treatment of".

Appl Id	Type	Actv	Project	PI Name (FY)	IC	Title	Abstract	SA Text	Awd Tot \$
7987780	2	R01	HL075353-MESSINA,	2010	HL	Mesenchy	DESCR	1. I. Spe	\$411,250
8435690	1	R21	HL113777-LIBONATI,	2013	HL	Exercise a	DESCR	A. Spec	\$200,000
8245505	1	R01	AR061460-FISHER, JC	2011	AR	Applicatio	DESCR	II. SPECI	\$355,245
8159876	1	R01	EY021768-KAO, WIN	2011	EY	Cell Ther	DESCR	P.I. Kao	\$530,406
8400215	1	R01	DK095001-MIETHKE,	2012	DK	The role o	DESCR	SPECIFIC	\$333,825
8415397	1	U18	TR000536-LYNCH, JC	2012	TR	Modeling	DESCR	SPECIFIC	\$375,600
7672945	1	R43	DK083832-POO, RAN	2009	DK	A perfluor	DESCR	1. SPECIF	\$100,000
8108873	1	R01	HL103709-TZANAKAK	2011	HL	Bioproc	DESCR	1. SPECIF	\$379,711

The pointer will change shape from an arrow to a double headed arrow . Click and drag the border down as far as you want to make the text readable.

transplantation dataset [Read-Only] - Excel

Century Gothic 10 A

DESCRIPTION (provided by applicant): The goal of this project is to enhance the means to use mesenchymal stem cells (MSC) for the treatment of peripheral artery disease, particularly in the diabetic patient. MSC transplantation hold great promise as a therapeutic intervention for PAD based on their pluripotency, as well as their efficacy in paracrine delivery of proangiogenic factors. However, we have determined that diabetic MSC manifest greater oxidant stress than healthy (WT) MSC. Diabetic MSC display restricted pluripotency, favoring adipocytic over endothelial differentiation; when transplanted into a WT host, diabetic MSC impair post-ischemic neovascularization and generate fatty infiltration in the ischemic hindlimb. The project hypothesis is that oxidant stress in diabetic MSC restricts their pluripotency and hence their neovascularization capacity. Three aims are proposed to test this hypothesis. Specific Aim 1 will demonstrate that oxidant production is the basis for restricted pluripotency in diabetic MSC, using a reductionist approach in cultured MSC. Exp [1] will determine if Nox4-derived H2O2 drives adipocyte differentiation in diabetic MSC. Exp [2] will determine the role of PPAR3-overexpression in diabetic MSC in generating adipocyte differentiation. Exp [3] will determine the role of uncoupled eNOS in generating oxidant stress in diabetic MSC and evaluate strategies for eNOS recoupling. Exp [4] will determine if deficiencies of the VEGF-Akt-eNOS pathway are the basis for impaired endothelial differentiation in diabetic MSC. Specific Aim 2 will use an in vivo MSC transplant paradigm to demonstrate that antioxidant treatment of diabetic MSCs or the diabetic host improves the efficacy of MSC transplant vis-a-vis post-ischemic neovascularization. Exp [1] will determine if ex vivo treatment of diabetic MSC with N-acetylcysteine (NAC) or other agents with direct or indirect antioxidant properties (resveratrol, rosiglitazone, rosuvastatin) improve their function upon subsequent transplant into a WT host in the setting of hindlimb ischemia. Exp [2] will determine if treatment of the db/db recipient mouse with NAC, or the other agents just noted, improve the outcome of MSC transplant in the setting of hindlimb ischemia. Specific Aim 3 will demonstrate that genetic engineering of MSC to enhance their expression of proangiogenic factors improves their participation in post-ischemic neovascularization. Exp [1] will determine if overexpression of wild type eNOS or constitutively active Akt in MSCs prior to transplant increases eNOS activation and eNOS-derived NO production, and in turn improves their efficacy in the treatment post-ischemic neovascularization. Exp [2] will determine if selection MSC expressing the chemokine receptor CXCR4 increases the homing of these cells to the ischemic hindlimb. If homing is improved, then this CXCR4+ MSC will undergo genetic engineering to maximize their in vivo functional capacity.

Appl Id	Type	Actv	Project	PI Name (FY)	IC	Title	Abstract	SA Text	Awd Tot \$
7987780	2 R01		HL075353- MESSINA, J	2010 HL	Mesenchy	DESCR	1. I. Spe	\$411,250	
8435690	1 R21		HL113777- LIBONATI, J	2013 HL	Exercise a	DESCR	A. Spec	\$200,000	
8245505	1 R01		AR061460- FISHER, JC	2011 AR	Applicatio	DESCR	II. SPECI	\$355,245	
8159876	1 R01		EV021768- KAO, WIN	2011 EY	Cell Ther	DESCR	P.J. Kao	\$530,406	

To revert to the default single line of text, reverse the process.

## 2) Changing cell sizes

This method allows you to view more than one cell at a time, but can make it harder to scroll through the data.

To expand (or shrink) cells in the spreadsheet you can drag rows / columns in the header row. E.g. click on the line between column I and column J and drag right.

transplantation dataset - Excel

Century Gothic 10 A

B4

Appl Id	Type	Actv	Project	PI Name (FY)	IC	Title	Abstract	SA Text	Awd Tot \$
7987780	2 R01		HL075353- MESSINA, J	2010 HL	Mesenchy	DESCR	1. I. Spe	\$411,250	
8435690	1 R21		HL113777- LIBONATI, J	2013 HL	Exercise a	DESCR	A. Spec	\$200,000	
8245505	1 R01		AR061460- FISHER, JC	2011 AR	Applicatio	DESCR	II. SPECI	\$355,245	
8159876	1 R01		EV021768- KAO, WIN	2011 EY	Cell Ther	DESCR	P.J. Kao	\$530,406	
8400215	1 R01		DK095001- METHKE, J	2012 DK	The role o	DESCR	SPECIFIC	\$333,825	
8415397	1 U18		TR000536- LYNCH, JC	2012 TR	Modeling	DESCR	SPECIFIC	\$375,600	
7672945	1 R43		DK083832- POOL, RAN	2009 DK	A perfuor	DESCR	1. SPECIF	\$100,000	
8108873	1 R01		HL103709- TZANAKAKI	2011 HL	Bioprocess	DESCR	1. SPECIF	\$379,711	
8604313	1 R01		DK098787- BUCHWALD	2012 DK	Culturally	DESCR	2. SPECIF	\$211,602	
8608395	1 R21		AA021225- CALLACI, J	2013 AA	Alcohol E	DESCR	2. SPECIF	\$217,063	
7581820	2 R01		AJ053193- RIDDELL, J	2009 AJ	CD8+ T C	DESCR	2. SPECIF	\$502,469	
7731198	1 R01		CA136551- RIDDELL, J	2009 CA	Targeted	DESCR	2. SPECIF	\$551,563	

This makes the column wider and shows more text, this could be useful for title fields but to make abstract or specific aims readable you need to see more.

Applicant ID	Type	Activity	Project	PI Name (FY)	IC	Title	Abstract Text (only)	SA Text	Award Total
7987780	2	R01	HL075353-MESSINA, J	2010	HL	Mesenchy	DESCRIPTION (provided by applicant): The goal of this	1. I. Spe	\$411,250
8435690	1	R21	HL113777-LIBONATI, J	2013	HL	Exercise a	DESCRIPTION (provided by applicant): As cardiovascular	A. Spec	\$200,000
8245505	1	R01	AR061460-FISHER, JC	2011	AR	Applicati	DESCRIPTION (provided by applicant): In vitro and in	II. SPEC	\$355,245
8159876	1	R01	EY021768-KAO, WIN	2011	EY	Cell Ther	DESCRIPTION (provided by applicant): Mesenchymal	P.J. Kao	\$530,406
8400215	1	R01	DK095001-MIETHKE, J	2012	DK	The role o	DESCRIPTION (provided by applicant): Biliary atresia	SPECIFIC	\$333,825
8415397	1	U18	TR000536-LYNCH, JC	2012	TR	Modeling	DESCRIPTION (provided by applicant): Acute and ch	SPECIFIC	\$375,600
7672945	1	R43	DK083832-POO, RAN	2009	DK	A perfluor	DESCRIPTION (provided by applicant): Conventional	1. SPECIF	\$100,000
8108873	1	R01	HL103709-TZANAKAKI, A	2011	HL	Bioproc	DESCRIPTION (provided by applicant): Myocardial inf	1. SPECIF	\$379,711
8504313	1	R01	DK098787-BUCHWALD, J	2012	DK	Culturally	DESCRIPTION (provided by applicant): The prevalenc	2. SPECIF	\$211,602
8508395	1	R21	AA021225-CALLACI, J	2013	AA	Alcohol E	DESCRIPTION (provided by applicant): Excessive alcc	2. SPECIF	\$217,063
7581820	2	R01	AI053193-RIDDELL, S	2009	AI	CD8+ T C	DESCRIPTION (provided by applicant): Reactivation c	2. SPECIF	\$502,469
7731198	1	R01	CA136551-RIDDELL, S	2009	CA	Targeted	DESCRIPTION (provided by applicant): Acute lympho	2. SPECIF	\$551,563
8371082	2	R01	DK079713-ARRIOLA, L	2012	DK	Project A	DESCRIPTION (provided by applicant): Project ACTS	2. Specif	\$240,878
7735633	2	R01	AI052079-KEARNS-J	2009	AI	Non-Hum	DESCRIPTION (provided by applicant): The use of pigs	2. Specif	\$400,000
8591825	1	R41	OD018403-MARSH, H	2013	OD	CDX-301	DESCRIPTION (provided by applicant): The overarchi	2.2 SPEC	\$100,000
7785204	1	R01	NS065109-BELLAMKCC	2009	NS	A Rationc	DESCRIPTION (provided by applicant): Severe traum	A Ration	\$338,926
7741820	1	R01	DK083411-LIN, FANG	2009	DK	STEM CELL	DESCRIPTION (provided by applicant): Acute kidney i	a. Specif	\$376,800
7811914	3	R01	DE014190-XU, HUAKI	2009	DE	Injectable	DESCRIPTION (provided by applicant): Seven million	A. SPECI	\$416,624
7581433	1	R01	DK081118-SIMINOFF, J	2009	DK	A Randor	DESCRIPTION (provided by applicant): Deceased dor	A. Specif	\$546,293
8039687	1	R01	CA140243-PAN, PING	2011	CA	HSC Deriv	DESCRIPTION (provided by applicant): Graft versus hc	A. Specif	\$351,713
7787991	1	R21	NR011192-TAYLOR, L	2009	NR	Living Do	DESCRIPTION (provided by applicant): Over 19 millio	A. SPECI	\$246,000
7566297	1	R01	DK082430-KIKYO, NC	2009	DK	Histone p	DESCRIPTION (provided by applicant): Existence of	A. Specif	\$377,500
8371909	2	R01	DE013349-MOONEY, J	2012	DE	Engineer	DESCRIPTION (provided by applicant): Skeletal musc	A. Specif	\$428,932
7804168	2	R44	HL071359-VILKOMER, J	2010	HL	A Self-Mo	DESCRIPTION (provided by applicant): Several hundr	A. Specif	\$693,102
8291578	1	R01	GM09829-KIKYO, NC	2012	GM	Histone is	DESCRIPTION (provided by applicant): Project Sur	A. Specif	\$288,800
8300575	1	K23	DK090209-FORDE, KI	2012	DK	Gender a	DESCRIPTION (provided by applicant): Hepatitis C vi	A.1. Spe	\$182,110

Repeat the process on the row, by clicking on the line between rows 2 and 3, hold down the mouse button and drag down.

Applicant ID	Type	Activity	Project	PI Name (FY)	IC	Title	Abstract Text (only)	SA Text	Award Total
7987780	2	R01	HL075353-MESSINA, J	2010	HL	Mesenchy	DESCRIPTION (provided by applicant): The goal of this	1. I. Spe	\$411,250
8435690	1	R21	HL113777-LIBONATI, J	2013	HL	Exercise a	DESCRIPTION (provided by applicant): As cardiovas	A. Spec	\$200,000
8245505	1	R01	AR061460-FISHER, JC	2011	AR	Applicati	DESCRIPTION (provided by applicant): In vitro and in	II. SPEC	\$355,245
8159876	1	R01	EY021768-KAO, WIN	2011	EY	Cell Ther	DESCRIPTION (provided by applicant): Mesenchymal	P.J. Kao	\$530,406
8400215	1	R01	DK095001-MIETHKE, J	2012	DK	The role o	DESCRIPTION (provided by applicant): Biliary atresia	SPECIFIC	\$333,825
8415397	1	U18	TR000536-LYNCH, JC	2012	TR	Modeling	DESCRIPTION (provided by applicant): Acute and ch	SPECIFIC	\$375,600
7672945	1	R43	DK083832-POO, RAN	2009	DK	A perfluor	DESCRIPTION (provided by applicant): Conventional	1. SPECIF	\$100,000
8108873	1	R01	HL103709-TZANAKAKI, A	2011	HL	Bioproc	DESCRIPTION (provided by applicant): Myocardial inf	1. SPECIF	\$379,711
8504313	1	R01	DK098787-BUCHWALD, J	2012	DK	Culturally	DESCRIPTION (provided by applicant): The prevalenc	2. SPECIF	\$211,602
8508395	1	R21	AA021225-CALLACI, J	2013	AA	Alcohol E	DESCRIPTION (provided by applicant): Excessive alcc	2. SPECIF	\$217,063
7581820	2	R01	AI053193-RIDDELL, S	2009	AI	CD8+ T C	DESCRIPTION (provided by applicant): Reactivation c	2. SPECIF	\$502,469
7731198	1	R01	CA136551-RIDDELL, S	2009	CA	Targeted	DESCRIPTION (provided by applicant): Acute lympho	2. SPECIF	\$551,563
8371082	2	R01	DK079713-ARRIOLA, L	2012	DK	Project A	DESCRIPTION (provided by applicant): Project ACTS	2. Specif	\$240,878
7735633	2	R01	AI052079-KEARNS-J	2009	AI	Non-Hum	DESCRIPTION (provided by applicant): The use of pigs	2. Specif	\$400,000
8591825	1	R41	OD018403-MARSH, H	2013	OD	CDX-301	DESCRIPTION (provided by applicant): The overarchi	2.2 SPEC	\$100,000
7785204	1	R01	NS065109-BELLAMKCC	2009	NS	A Rationc	DESCRIPTION (provided by applicant): Severe traum	A Ration	\$338,926
7741820	1	R01	DK083411-LIN, FANG	2009	DK	STEM CELL	DESCRIPTION (provided by applicant): Acute kidney i	a. Specif	\$376,800
7811914	3	R01	DE014190-XU, HUAKI	2009	DE	Injectable	DESCRIPTION (provided by applicant): Seven million	A. SPECI	\$416,624
7581433	1	R01	DK081118-SIMINOFF, J	2009	DK	A Randor	DESCRIPTION (provided by applicant): Deceased dor	A. Specif	\$546,293
8039687	1	R01	CA140243-PAN, PING	2011	CA	HSC Deriv	DESCRIPTION (provided by applicant): Graft versus hc	A. Specif	\$351,713
7787991	1	R21	NR011192-TAYLOR, L	2009	NR	Living Do	DESCRIPTION (provided by applicant): Over 19 millio	A. SPECI	\$246,000

You will then need to reformat the text to ensure it fills the visible cell. Right click on the cell, select 'Format Cells...' > 'Alignment' tab and click 'Wrap text' to turn on the radio button and click OK.

FILEHOMEINSERTPAGE LAYOUTFORMULASDATAVIEWREVIEWPOWERPIVOT

ClipboardFontAlignmentNumberStylesCellsEditing

Font

Alignment

Number

Styles

Cells

Editing

Conditional FormattingTable StylesInsertDeleteFormatSort & Find & Filter Select

Conditional FormattingTable StylesInsertDeleteFormatSort & Find & Filter Select

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General

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Conditional FormattingTable StylesInsertDeleteFormatSort & Find & Filter Select

DESCRIPTION (provided by applicant): Mesenchymal stem cells (MSCs) have been utilized to rescue disease phenotypes in genetic disorders, to

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	A	B	C	D	E	F	G	H	I	J	K	L	M
	Appl Id	Type	Actv	Project	PI Name (FY)	IC	Title	Abstract Text (only)	SA Text	Awd Tot \$			
1								DESCRIPTION (provided by applicant): The goal of this project is to enhance the means to use mesenchymal stem cells (MSC) for the treatment of peripheral artery disease, particularly in the diabetic patient. MSC transplantation hold great promise as a therapeutic intervention for PAD based on their pluripotency, as well as their efficacy in paracrine delivery of proangiogenic factors. However, we have					
2	7987780	2 R01		HL075353- MESSINA,	2010 HL		Mesenchy	determined that diabetic MSC manifest greater	1 I. Spe	\$411,250			
3	8435690	1 R21		HL113777- LIBONATI,	2013 HL		Exercise a	DESCRIPTION (provided by applicant): As cardiovas	A. Spec	\$200,000			
4	8245505	1 R01		AR061460- FISHER, JC	2011 AR		Applicatio	DESCRIPTION (provided by applicant): In vitro and in	II. SPECI	\$355,245			
5	8159876	1 R01		EY021768- KAO, WIN	2011 EY		Cell Ther	DESCRIPTION (provided by applicant): Mesenchymal	P.J. Kao	\$530,406			
6	8400215	1 R01		DK095001- MIETHKE, J	2012 DK		The role o	DESCRIPTION (provided by applicant): Biliary atresia	SPECIFIC	\$333,825			
7	8415397	1 U18		TR000536- LYNCH, JC	2012 TR		Modeling	DESCRIPTION (provided by applicant): Acute and ch	SPECIFIC	\$375,600			
8	7672945	1 R43		DK083832- POO, RAN	2009 DK		A perfluor	DESCRIPTION (provided by applicant): Conventional	1. SPECIF	\$100,000			
9	8108873	1 R01		HL103709- TZANAKAKI	2011 HL		Bioprocess	DESCRIPTION (provided by applicant): Myocardial inf	1. SPECIF	\$379,711			
10	8504313	1 R01		DK098787- BUCHWALD	2012 DK		Culturally	DESCRIPTION (provided by applicant): The prevalenc	2. SPECIF	\$211,602			
11	8508395	1 R21		AA021225- CALLACI,	2013 AA		Alcohol E	DESCRIPTION (provided by applicant): Excessive alcc	2. SPECIF	\$217,063			
12	7581820	2 R01		AI053193- RIDDELL, S	2009 AI		CD8+ T C	DESCRIPTION (provided by applicant): Reactivation o	2. SPECIF	\$502,469			
13	7731198	1 R01		CA136551- RIDDELL, S	2009 CA		Targeted	DESCRIPTION (provided by applicant): Acute lympho	2. SPECIF	\$561,563			
14	8371082	2 R01		DK079713- ARRIOLA,	2012 DK		Project At	DESCRIPTION (provided by applicant): Project ACTS	2. Specif	\$240,878			
15	7735633	2 R01		AI052079- KEARNS-J	2009 AI		Non-Hum	DESCRIPTION (provided by applicant): The use of pigs	2. Specif	\$400,000			
16	8591825	1 R41		OD018403- MARSH, H	2013 OD		CDX-301	DESCRIPTION (provided by applicant): The overarchi	2.2 SPEC	\$100,000			
17	7785204	1 R01		NS065109- BELLAMK	2009 NS		A Rationc	DESCRIPTION (provided by applicant): Severe traum	A Ration	\$338,926			
18	7741820	1 R01		DK083411- LIN, FANG	2009 DK		STEM CELL	DESCRIPTION (provided by applicant): Acute kidney i	a. Specif	\$376,800			
19	7811914	3 R01		DE014190- XU, HUAK	2009 DE		Injectable	DESCRIPTION (provided by applicant): Seven million	A. SPECI	\$416,624			

Data

100%

You can change row / column widths and cell formats for multiple cells at a time by highlighting multiple rows / columns, then carrying out the procedure described above. This will apply the settings to all the cells highlighted.

If you are having problems, contact OPA training: [OPA-Training@mail.nih.gov](mailto:OPA-Training@mail.nih.gov)