Software for
Business Intelligence

BizInt Smart Charts

How do I deliver my search results?

Matt Eberle & Diane Webb, BizInt Solutions

PIUG Annual Meeting 2023

Alexandria, VA

www.bizint.com

Software for
Business Intelligence

BizInt Smart Charts

How do I deliver my

Choose Your Own Report Adventure

PIUG Annual Meeting 2023

Alexandria, VA

www.bizint.com

Choose the best report format for you!

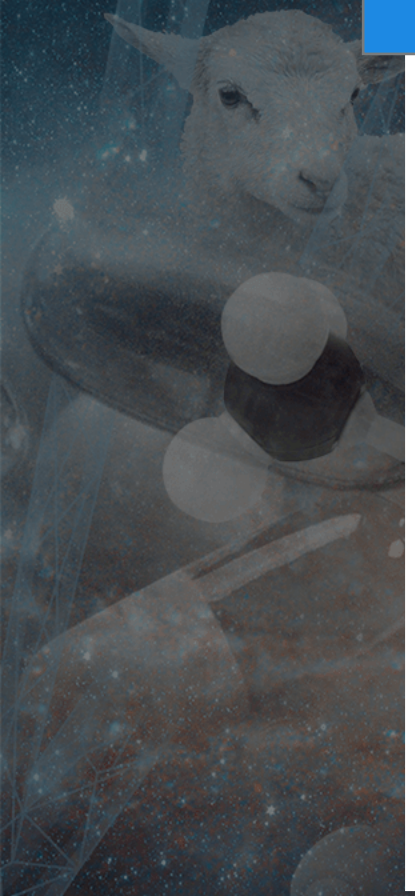
CHARTS, RECORDS & BEYOND!

If you want a spreadsheet so you can sort and filter...
Go to the next slide

Or, if your client wants the report in Excel...
next slide please.

If you feel like you can pick any slide as long as it’s the next one…
Next slide.

Spreadsheet (Excel)



Works for tabular presentation (and visualization)

Allows for analysis (filter, sort)

Clients think of it as an analysis tool

Not a good fit for records

Images float(not embedded in cells)

Tabular presentation not flexible

No Subtables

Single link per table cell

	A	B	C	D	E	F	G
1		**Combined: CAS-9 October 2020 -- PatBase, FAMPAT, GenomeQuest, Innovation**					
2		*Title*	*Database*	*Patent Assignee*	*Patent Number*	*Inventor(s)*	*Abstract*
3	1 Link	**RNA-guided transcriptional regulation**	FAMPAT	HARVARD COLLEGE	US 9267135 B2	CHURCH GEORGE M MALI PRASHANT G ESVELT KEVIN M	(US9267135) Methods of modulating expression of a target nucleic acid in a cell are provided including introducing into the cell a first foreign nucleic acid encoding one or more RNAs complementary to DNA, wherein the DNA includes the target nucleic acid, introducing into the cell a second foreign nucleic acid encoding a nuclease-null Cas9 protein that binds to the DNA and is guided by the one or [CONT.]
4	2 Link	**Compositions and methods for targeted gene disruption in prokaryotes**	FAMPAT	ZYMERGEN	WO 201570193 A1	LIU OLIVER KIM JEFFREY	(WO2015/070193) The present disclosure relates to engineered bacteriophage vector compositions comprising nucleic acids that express recombinant nucleases. Also provided are methods of using engineered bacteriophage vectors to effect genomic disruption or targeted gene disruption in prokaryotes. The disclosed compositions and methods are useful for reducing antibiotic resistance in bacteria cells.
5	3 Link	**RNA-Guided Transcriptional Regulation**	GQPAT Gold+ Proteins	HARVARD COLLEGE; President and Fellows of Harvard College	US 20140356959	Church George M. MALI Prashant G. Esvelt Kevin M.	Methods of modulating expression of a target nucleic acid in a cell are provided including introducing into the cell a first foreign nucleic acid encoding one or more RNAs complementary to DNA, wherein the DNA includes the target nucleic acid, introducing into the cell a second foreign nucleic acid encoding a nuclease-null Cas9 protein that binds to the DNA and is guided by the one or more RNAs, introducing into the cell a third foreign nucleic acid encoding a transcriptional regulator protein or domain, [CONT.]

		Title	Patent Number	Patent Assignee	Inventor(s)	Abstract
1	Link	**Altering a target nucleic acid in a cell by introducing into the cell a first foreign nucleic acid encoding guide RNA sequences complementary to DNA, and introducing into the cell a second foreign nucleic acid encoding a Cas9 protein**	US 20150140664 A1	HARVARD COLLEGE BYRNE S M CHURCH G M	BYRNE, Susan M. CHURCH, George M.	Alteration of a target nucleic acid in a cell comprises introducing into the cell a first foreign nucleic acid encoding one or more guide RNA sequences complementary to DNA, where the DNA includes the target nucleic acid, introducing into the cell a second foreign nucleic acid encoding a Cas9 protein that binds to the DNA and is guided by the one or more guide RNA sequences, introducing into the cell a third foreign nucleic acid encoding an exogenous nucleic
2	Link	**Compositions a gene disruptior**				
3	Link	**RNA-guided tra**				
4	Link	**COMPOSITION TARGETED GEN PROKARYOTES**				

CAS-9 October 2020 -- PatBase, FAMPAT, GenomeQuest, Innovation

		Title	Database	Patent Assignee	Patent Number	Patent Family (Patent : Kind : Date)	Inventor(s)	Abstract
1	Link	**RNA-guided transcriptional regulation**	FAMPAT	HARVARD COLLEGE	US 9267135 B2	US 9267135 : B2 : 2016-02-23 US 20140356959 : A1 : 2014-12-04 US 10640789 : B2 : 2020-05-05 US 20160237456 : A1 : 2016-08-18 US 10767194 : B2 : 2020-09-08 US 20200024618 : A1 : 2020-01-23 US 20140356956 : A1 : 2014-12-04 US 20200299732 : A1 : 2020-09-24	CHURCH GEORGE M MALI PRASHANT G ESVELT KEVIN M	(US9267135) Methods of modulating expression of a target nucleic acid in a cell are provided including introducing into the cell a first foreign nucleic acid encoding one or more RNAs complementary to DNA, wherein the DNA includes the target nucleic acid, introducing into the cell a second foreign nucleic acid encoding a nuclease-null Cas9 protein that binds to the DNA and is guided by the one or [CONT.]
2	Link	**Compositions and methods for targeted gene disruption in prokaryotes**	FAMPAT	ZYMERGEN	WO 201570193 A1	WO 201570193 : A US 20150132263 : US 20150353901 :		(WO2015/070193) The present disclosure relates to engineered bacteriophage vector compositions comprising nucleic acids that express recombinant nucleases. Also provided are methods of using engineered bacteriophage vectors to effect genomic disruption or targeted gene disruption in prokaryotes. The disclosed compositions and methods are useful for reducing antibiotic resistance in bacteria cells.
3	Link	**RNA-Guided Transcriptional Regulation**	GQPAT Gold+ Proteins	HARVARD COLLEGE; President and Fellows of Harvard College	US 20140356959	US20140356959 : : 20141204 US20140356956 : : US2014356956 : : US2014356959 : : US20160237456 : : US2016237456 : : US20200024618 : : US9267135 : :	Church George M. MALI Prashant G. Esvelt Kevin M.	Methods of modulating expression of a target nucleic acid in a cell are provided including introducing into the cell a first foreign nucleic acid encoding one or more RNAs complementary to DNA, wherein the DNA includes the target nucleic acid, introducing into the cell a second foreign nucleic acid encoding a nuclease-null Cas9 protein that binds to the DNA and is guided by the one or more RNAs, introducing into the cell a third foreign nucleic acid encoding a transcriptional regulator protein or domain, [CONT.]
4	Link	**Modulating expression of a target nucleic acid comprises providing to the cell a guide RNA including a transcriptional activator or repressor domain as a fusion protein, and providing to the cell a nuclease null Cas9 protein**	Derwent Innovation + DWPI	HARVARD COLLEGE CHURCH G M ESVELT K M MALI P G	US 20140356959 A1	US 20140356959 : A1 : 2014-12-04 US 9267135 : B2 : 2016-02-23	CHURCH, George M. MALI, Prashant G. ESVELT, Kevin M.	Modulating expression of a target nucleic acid in a cell comprises providing to the cell a guide RNA complementary to the target nucleic acid sequence including a transcriptional activator or repressor domain as a fusion protein for modulating target nucleic acid expression in vivo; and providing to the cell a nuclease null Cas9 protein that interacts with the guide RNA and binds to the target nucleic acid sequence in a site specific manner. [CONT.]

https://ppubs.uspto.gov/pubwebapp/external.html?q=(9267135).pn - Click once to follow. Click and hold to select this cell.

SCX7AC9

I like that I can sort and filter the table, but...

Could the Patent Family look nicer, and could I have links to family members, and to the records?

Go to the next slide

	Title	Database	Patent Family: Patent	Kind	Date	Patent Number	Inventor(s)
1 Link	RNA-guided transcriptional regulation	FAMPAT	US 9267135	B2	2/23/2016	US 9267135 B2	CHURCH GEORGE M
			US 20140356959	A1	12/4/2014		MALI PRASHANT G
			US 10640789	B2	5/5/2020		ESVELT KEVIN M
			US 20160237456	A1	8/18/2016		
2 Link	Compositions and methods for targeted gene disruption in prokaryotes	FAMPAT					
3 Link	RNA-Guided Transcriptional Regulation	GQPAT Gold					
4 Link	Modulating expression of a target nucleic acid comprises providing to the cell a guide RNA including a transcriptional activator or repressor domain as a fusion protein, and providing to the cell a nuclease null Cas9 protein	Derwent Inn					

|Record 1 of 24 | ***Publisher Version*** | ***Back to chart*** |

FAMPAT (FAMPAT)

RNA-guided transcriptional regulation

Patent Family

Patent	*Kind*	*Date*
US 9267135	B2	2/23/2016
US 20140356959	A1	12/4/2014
US 10640789	B2	5/5/2020
US 20160237456	A1	8/18/2016
US 10767194	B2	9/8/2020
US 20200024618	A1	1/23/2020
US 20140356956	A1	12/4/2014
US 20200299732	A1	9/24/2020

Priority Applications

Application	*Date*
2013US-61830787	6/4/2013
2014US-14319289	6/30/2014
2014US-14319530	6/30/2014
2014WO-US40868	6/4/2014
2016US-15049451	2/22/2016
2019US-16441209	6/14/2019
2020US-16851360	4/17/2020

Inventor(s)

CHURCH GEORGE M; MALI PRASHANT G; ESVELT KEVIN M

Patent Assignee

HARVARD COLLEGE

Cooperative Patent Class

C12N-009/22; C12N-015/01; C12N-015/10/2; C12N-015/11; C12N-015/113; C12N-015/63/5; C12N-015/85; C12N-015/87; C12N

International Patent Class

C12N-009/22; C12N-015/01; C12N-015/10; C12N-015/11; C12N-015/113; C12N-015/115; C12N-015/63; C12N-015/66; C12N-01

U.S. Patent Class

435441000; PCLO=435455000; PCLX=435255100; PCLX=435366000; PCLX=435375000; PCLX=435419000; PCLX=435463000; PCLX

Abstract

SCXC494

I do want both the chart with links and the records...

Go to the next slide

Text Document (Word)

Allows for a mix of presentations – tables and records, text and images

Editable and can be added to an existing document or template

Tabular presentation can be flexible

Subtables

Images in cells and embeddable in the document

Multiple links in a table cell

Not designed for analysis

Interactivity is limited (model is a document/printed publication)

	Title	Database	Probable Assignee	Inventor(s)	Patent Family Patent	Kind	Date	Abstract
1	**Modulating expression of a target nucleic acid comprises providing to the cell a guide RNA including a transcriptional activator or repressor domain as a fusion protein, and providing to the cell a nuclease null Cas9 protein** *1i Innov*	1a Patbase | *link* 1b FAM | *link* 1c GQP | *link* 1d GQP | *link* 1e GQP | *link* 1f GQP | *link* 1g GQP | *link* 1h Innov | *link* 1i Innov | *link*	PRESIDENT AND FELLOWS OF HARVARD COLLEGE *1a Patbase*	CHERCH DZHORDZH M CHURCH GEORGE M ESVELT KEVIN M GEORGE M CHURCH KEVIN M ESVELT KEVIN M IWANICKI MALI PRASHANT G PRASHANT G MALI *1a Patbase*	US 9267135 US 20140356959 US 10640789 US 20160237456 US 10767194 US 20200024618 US 20140356956 US 20200299732 *1b FAM*	B2 A1 B2 A1 B2 A1 A1 A1	2016-02-23 2014-12-04 2020-05-05 2016-08-18 2020-09-08 2020-01-23 2014-12-04 2020-09-24	(US9267135) Methods of modulating expression of a target nucleic acid in a cell are provided including introducing into the cell a first foreign nucleic acid encoding one or more RNAs complementary to DNA, wherein the DNA includes the target nucleic acid, introducing into the cell a second foreign nucleic acid encoding a nuclease-null Cas9 protein that binds to the DNA and is guided by the one or [CONT.] *1b FAM*
2	**Altering a target nucleic acid in a cell by introducing into the cell a first foreign nucleic acid encoding guide RNA sequences complementary to DNA, and introducing into the cell a second foreign nucleic acid encoding a Cas9 protein** *2k Innov*	2a Patbase | *link* 2b FAM | *link* 2c GQP | *link* 2d GQP | *li* 2e GQP | *li* 2f GQP | *li* 2g GQP | *li* 2h GQP | *li* 2i GQP | *li* 2j GQP | *li* 2k Innov |	PRESIDENT AND FELLOWS OF HARVARD COLLEGE	BYRNE SUSAN M CHURCH GEORGE M GEORGE M CHURCH SUSAN M BYRNE	EP 3071698 EP 3071698 EP 3071698	B1 A2 A4	2019-09-04 2016-09-28 2017-06-28	(EP3071698) Methods of simultaneously excising large nucleic acid sequences from a target nucleic acid and inserting large foreign
3	**New bacteriophage comprising polynucleotide that expresses RNA-directed DNA-binding polypeptide and targeting module comprising guide RNA, used e.g. for treating autoimmune and inflammatory disease, and disease caused by bacterial infection** *3f Innov*	3a Patbase 3b FAM | *li* 3c GQP | *li* 3d GQP | *li* 3e Innov | 3f Innov |						

6b CDDI *6a CortPat* *6c Patbase* *6c Patbase*

1. WO 2018107088

1a Cortellis Patents from Clarivate Analytics 1b Clarivate Drug Discovery Intelligence 1c PatBase

1a Cortellis Patents from Clarivate Analytics

| Publisher Version | Back to chart | Next record |

WO 2018107088 A2

Vaccines comprising RNA polynucleotides encoding human metapneumovirus or human parainfluenza virus 3 F proteins co-formulated with lipids - useful in treating metapneumovirus amd parainfluenza virus infections.

Patent ID Number: 4088378
Last Change Date: 2020-10-03

Original Assignee: ModeRNA Therapeutics
Inventors: Ciaramella, Giuseppe; Himansu, Sunny

Patent Publications

Patent	Kind	Date
WO 2018107088	A2	2018-06-14
EP 3551193	A2	2019-10-16
EP 3551193	A4	2020-08-19
US 20200069794	A1	2020-03-05

Priority Information

Application	Date

OK, but *my* attorneys would like to see the records *their way*.
With selected fields from the records in yellow boxes…
A space for their notes…
And the full claims…

Next slide please.

“Summary Record” export

1. **Title:** **Modulating expression of a target nucleic acid comprises providing to the cell a guide RNA including a transcriptional activator or repressor domain as a fusion protein, and providing to the cell a nuclease null Cas9 protein**

Database: Derwent World Patents Index
Derwent World Patents Index
GQPAT Gold+ Proteins
GQPAT Gold+ Proteins
PatBase
FAMPAT

Patent Family:

Patent	Kind	Date
US 2014356959	A	2014-12-04
US 2014356956	A	2014-12-04
AU 2014274939	AA	2014-12-11
WO 14197568	A2	2014-12-11
WO 14197568	A3	2015-03-12
CA 2914638	AA	2015-12-04
KR 20160014036	A	2016-02-05

Probable Assignee: PRESIDENT AND FELLOWS OF HARVARD COLLEGE

Sequence Locations:

Seq. ID Number	% Identity	Length	Location
US20140356959-0001	100.00	1368	probable disclosure (not found by automated parsing)
US20140356956-0001	100.00	1368	probable disclosure (not found by automated parsing)

Notes – please provide further detail on this…

Claims:

1. A method of modulating expression of a target nucleic acid in a cell comprising providing to the cell a guide RNA complementary to the target nucleic acid sequence including a transcriptional activator or repressor domain as a fusion protein for modulating target nucleic acid expression in vivo providing to the cell a nuclease null Cas9 protein that interacts with the guide RNA and binds to the target nucleic acid sequence in a site specific manner wherein the guide RNA including the transcriptional activator or repressor domain as a fusion protein and the Cas9 protein co-localize to the target nucleic acid sequence and wherein the transcriptional activator or repressor domain modulates expression of the target nucleic

© 2017 BizInt Solutions, Inc | www.bizint.com

Yes, but *my* attorneys care more about the *chemical structures*.

They want to see each structure once…

In a Word table…

With all the associated references…

Next slide please.

Summary Record export with Hit Structures

3. **Basic Patent Number:** CA2810021A1

Title: Boron-containing small molecules

Inventor(s): Hernandez, Vincent S.; Ding, Charle
Rock, Fernando; Zhang, Suoming; E

Patent Assignee: Anacor Pharmaceuticals, Inc., Unite

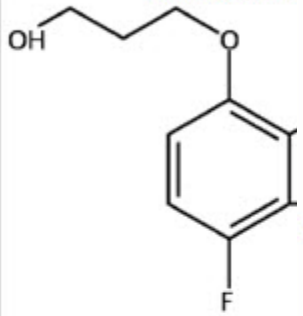
Hyperlinks: CA2810021A1

Hit Structures:

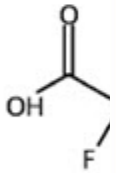
1364682-96-1 *(Cmpd. 2)*

1-Propanol, 3-[[3-(aminomethyl)-4-fluoro-1,3-dihydro-1-hydroxy-2,1-benzoxaborol-7-yl]oxy]-, 2,2,2-trifluoroacetate (1:2)

CM1 CRN 13

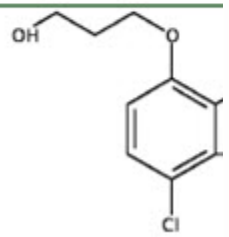


CM2 CRN

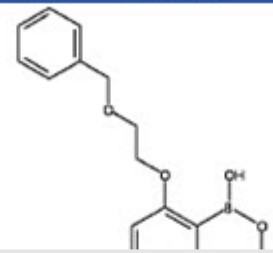
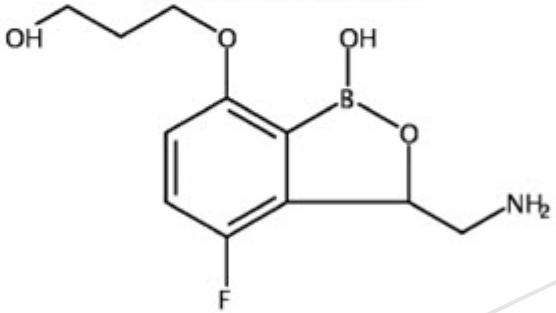
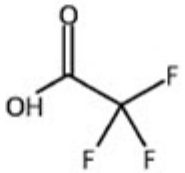


1364683-03-3 *(Cmpd. 3)*

1-Propanol, 3-[[3-(aminomethyl)-4-chloro-1,3-dihydro-1-hydroxy-2,1-benzoxaborol-7-yl]oxy]-, hydrochloride (1:1)



Index of Hit Structures

	Substance	Structure	
1	1655492-02-6 2,1-Benzoxaborole, 4-fluoro-1,3-dihydro-1-hydroxy-3-(nitromethyl)-7-[2-(phenylmethoxy)ethoxy]-		prep mycobacterial activity of benzoxaborole compds. *Reference 1* prepn. and application tricyclic benzoxab compds. *Reference 2*
2	1364682-96-1 1-Propanol, 3-[[3-(aminomethyl)-4-fluoro-1,3-dihydro-1-hydroxy-2,1-benzoxaborol-7-yl]oxy]-, 2,2,2-trifluoroacetate (1:2)	 CM2 CRN 76-05-1 	prepn. of benzoxaborole derivs. useful for treating bacterial infections *Reference 3*

Structures with annotations

Links to references for each structure

Each hit substance identified

Multiple images (continuation) or mixtures

prepn. of

Summary records are nice, but all the colors are distracting…

Next slide please.

Allow styles for summary records

1. **Title:** **New aryl sulfoxide derivatives useful for controlling animal pests in crop protection, material protection and/or in veterinary sector**

Database: Derwent World Patents Index
PatBase

Use: (I) or the composition is useful for controlling animal pests in crop protection, material protection and/or in the veterinary sector (claimed).

Probable Assignee: BAYER CROPSCIENCE AG

Patent Family:

Patent	Kind	Date
WO 2014202510	A1	2014-12-24
TW 201536739	A	2015-10-01

Hyperlinks: Source | WO 2014202510 A1 | PatDocs Family Tree

Notes

2. **Title:** **Composition for reducing overall nematodes and phytopathogens insecticide which is other than go**

Database: Derwent World Patents Index
Derwent World Patents Index
PatBase

Use: The composition is useful: as a fung plants and plant parts and losses in nematodes and/or phytopathogens; (all claimed); for improving stress tolerance against drought, heat, salt, UV, water and cold; and improving root growth, root size maintenance, root effectiveness, and plant height. Test details are described but no results given.

Probable Assignee: BAYER CROPSCIENCE LP

Patent Family:

Patent	Kind	Date
WO2014124373	A1	20140814
US20140228213	A1	20140814
CA2899334	A1	20140814

Hyperlinks: Source | WO 2014124368 A1 | PatDocs Family Tree

Notes

You may select a visual style for the export:

Color - original style with yellow boxes

Color - original style with yellow boxes
Simple - clean style without color backgrounds

Open | Save | Cancel

1. **Title:** **New aryl sulfoxide derivatives useful for controlling animal pests in crop protection, material protection and/or in veterinary sector**

Database: Derwent World Patents Index
PatBase

Use: (I) or the composition is useful for controlling animal pests in crop protection, material protection and/or in the veterinary sector (claimed).

Probable Assignee: BAYER CROPSCIENCE AG

Patent Family:

Patent	Kind	Date
WO 2014202510	A1	2014-12-24
TW 201536739	A	2015-10-01

Hyperlinks: Source | WO 2014202510 A1 | PatDocs Family Tree

Notes

2. **Title:** **Composition for reducing overall damage of plants caused by insects, mites, nematodes and phytopathogens comprises isolated gougerotin (I) and at least one insecticide which is other than gougerotin**

Database: Derwent World Patents Index
Derwent World Patents Index
PatBase

Use: The composition is useful: as a fungicide and/or insecticide for reducing overall damage of plants and plant parts and losses in harvested fruits or vegetables caused by insects, mites, nematodes and/or phytopathogens; for treating conventional or transgenic plants or its seed (all claimed); for improving stress tolerance against drought, heat, salt, UV, water and cold; and improving root growth, root size maintenance, root effectiveness, and plant height. Test details are described but no results given.

Probable Assignee: BAYER CROPSCIENCE LP

Patent Family:

Patent	Kind	Date
WO2014124373	A1	20140814
US20140228213	A1	20140814
CA2899334	A1	20140814

Hyperlinks: Source | WO 2014124368 A1 | PatDocs Family Tree

Notes

Depending on your search, you could be happy with records that are a mix of summary and detail --
seek no further, happily ever after, here you are.
The End.

Really? You're looking for something more?

More than these records?

Where we're going there are no roads (and not much software).
But there are….slides.

But, my clients want a spreadsheet so they can sort and filter,

And the summary records...
Time to go beyond.

Next slide

Adobe Stock | #539544781

In the Future?

Excel export with automatically generated links to Summary Records in a separate Word file.

	Drug Name(s)	Database	bookmark link	Enhanced Title
1a	mRNA-1653	Cortellis Patents from Clarivate Analytics	Link	Vaccines comprising RNA polynucleotides en metapneumovirus or human parainfluenza vi co-formulated with lipids - useful in treating m amd parainfluenza virus infections.
1b	mRNA-1653	Clarivate Drug Discovery Intelligence		
1c				
2a	SARS-CoV-2 vaccine (im, COVID-19/SA CureVac			
2b	R-6717			
2c				

1 Combined: RNA vaccine Cortellis+Integrity+Patbase

	Drug Name(s)	bookmark link	Enhanced Title	Probable Assignee
1	mRNA-1653 {1b CDDI}	Link to record	Vaccines comprising RNA polynucleotides encoding human met human parainfluenza formulated with lipid metapneumovirus an infections. {1a CortPat}	MODERNATX INC
2	R-6717 {2b CDDI}	Link to rec	nucleoprotein of Lass treating Lassa virus in {2a CortPat}	
3	PR/8 HA-DVG {3b CDDI}	Link to record	In vitro-transcribed R encoding an antigen hemagglutinin) and a RNA activating RIG-1 cancer or pathogenic {3a CortPat}	

file:///C:\Users\willmore\AppData\Lc Temp\Excel+Word demo.docx - src_56767195_1 - Click once to foll Click and hold to select this cell.

1. **Drug Name(s):** mRNA-1653

Database: Cortellis Patents from Clarivate Analytics
Clarivate Drug Discovery Intelligence
PatBase

Enhanced Title: Vaccines comprising RNA polynucleotides encoding human metapneumovirus or human parainfluenza virus 3 F proteins co-formulated with lipids - useful in treating metapneumovirus amd parainfluenza virus infections.

Probable Assignee: MODERNATX INC

Patent Family:

Patent	Kind	Date
WO 2018107088	A2	2018-06-14
WO 2018107088	A3	2018-07-12
EP 3551193	A2	2019-10-16
EP 3551193	A4	2020-08-19
US 2020069794	A	2020-03-05
HK 40016413	A1	2020-09-11

Indications: Infection, metapneumovirus (MPV); Infection, parainfluenza virus

Hyperlinks: Source | WO 2018107088 A2 | PatDocs Family Tree

Notes

Claims:

US2020069794AA

1. A vaccine comprising (a) a RNA polynucleotide comprising the nucleic acid sequence identified by SEQ ID NO:4 or a RNA polynucleotide comprising a nucleic acid sequence at least 95 percent identical to the nucleic acid sequence identified by SEQ ID NO:4 encoding a human metapneumovirus (hMPV) F protein, and (b) a RNA polynucleotide comprising the nucleic acid sequence identified by SEQ ID NO:5 or a RNA polynucleotide comprising a nucleic acid sequence at least 95 percent identical to the nucleic acid sequence

THE JOURNEY CONTINUES...

Will develop features for papers!

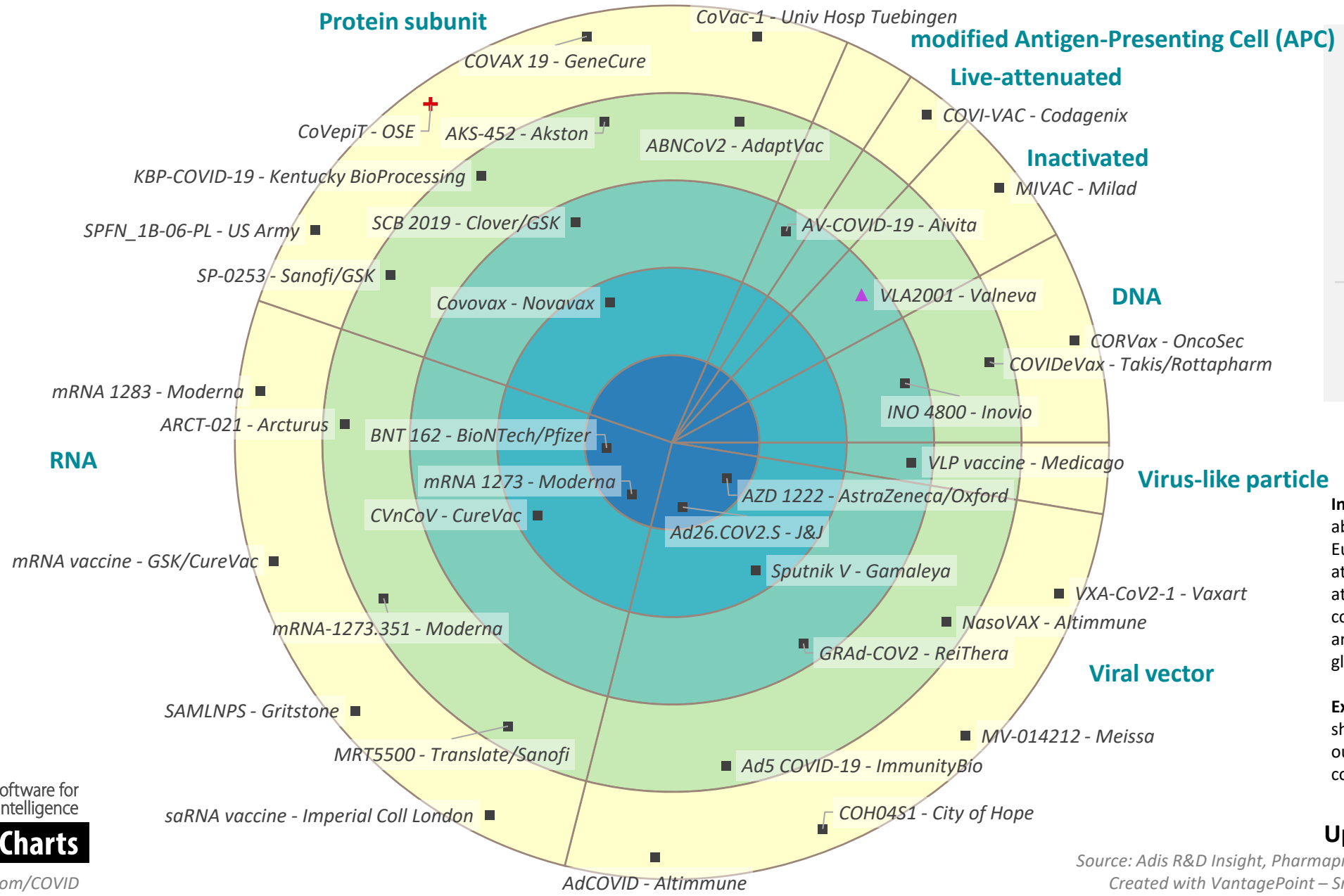
My client doesn’t want a big table, they want the search results presented on a slide.

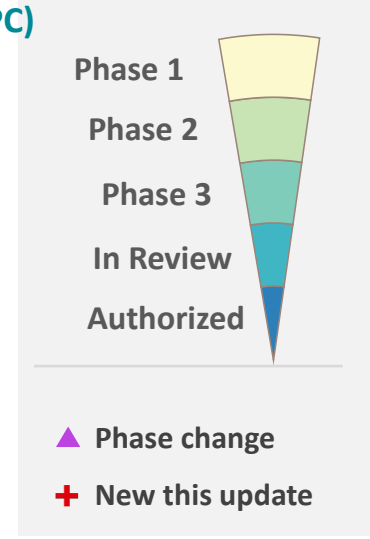
Not slides, mind you, just *one* slide.

Next slide?

COVID-19 Vaccines – US, UK, & Europe

VP-SCE Bullseye℠





Included: clinical phase or above in the US, UK, or Europe. Vaccines are placed at the highest phase attained in any of these countries. Some vaccines are at a higher phase globally.

Excluded: Vaccines only showing development outside of the selected countries.

Updated May 4, 2021

Source: Adis R&D Insight, Pharmaprojects, Cortellis, GlobalData
Created with VantagePoint – Smart Charts Edition (VP-SCE)

Software for Business Intelligence
BizInt Smart Charts
Learn more at bizint.com/COVID

Slideshow/Visualizations (Powerpoint)

Provides a different way to look at your search results

Can allow you to see multiple items at once along with context

Allows for analysis

A single visualization is generally not enough.

Generally leads back to a review of the chart and records

If you decide that picture is worth a 1,000 records, you've reached The End.

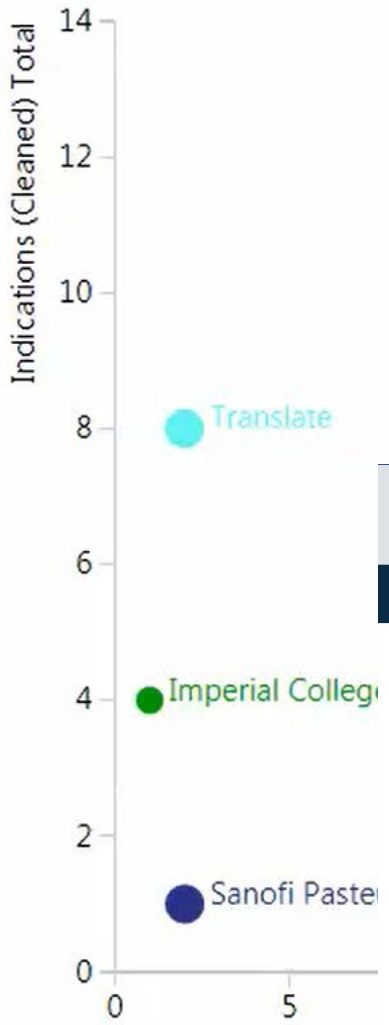
But.

Your client was promised visualizations. When they see the visualizations they want to see the records…

Companies appearing in the mRNA sector

Count of patent families

Filtered by Application Date: Dates/Extract Years up to: ‹ 2020 ›



	Drug Name(s)	Patent Number	Database	Probable Assignee	Indications
1	**mRNA based prophylactic vaccines (infectious diseases), CureVac** *1a CortPat*	WO 2019092153 A1 *1a CortPat*	**1a CortPat** | *link* **1b Patbase** | *link*	CUREVAC AG *1b Patbase*	Influenza virus infection *1a CortPat*
2	**Compound from patent WO 2018096179 A1** *2a CortPat*	WO 2018096179 A1 *2a CortPat*	**2a CortPat** | *link* **2b Patbase** | *link*	CUREVAC AG *2b Patbase*	
3	**CV-9103**	WO 2015024664 A1	**3a CortPat** | *link* **3b CDDI** | *link*	CUREVAC AG	Prostate tumor Metastatic prostate cancer

Espacenet Patent search

WO2019092153A1

Office/Language

My Espacenet | Help | Classification search | Results | Advanced search | Filters | Popup tips | Report data error | Feedback

Home > *Results* > **WO2019092153A1**

1. >

☆ **WO2019092153A1** RNA SEQUENCE ADAPTATION

Available in | Patent Translate

Bibliographic data | Description | Claims | Drawings | Original document | Citations | Legal events | Patent family

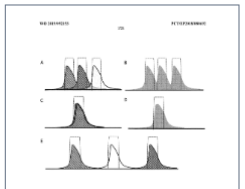
Register ↗ | Global Dossier ↗

Applicants: CUREVAC AG [DE] +

Inventors: HEINZ STEFAN [DE]; ROOS TILMANN [DE]; VAHRENHORST DOMINIK [DE]; CONZELMANN MARKUS [DE] +

Classifications

IPC: ***A61K31/7105; C12N15/10; C12P19/34;***



© 2023 BizInt

bizint.com/slides

Software for
Business Intelligence

BizInt Smart Charts

THE JOURNEY CONTINUES...

So...

How do *you* deliver search results?

Thank You!