



Software for
Business Intelligence

BizInt Smart Charts

Get Up To Date with BizInt Smart Charts for Patents

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PIUG Biotech Workshop, 1 March 2022



BizInt Smart Charts

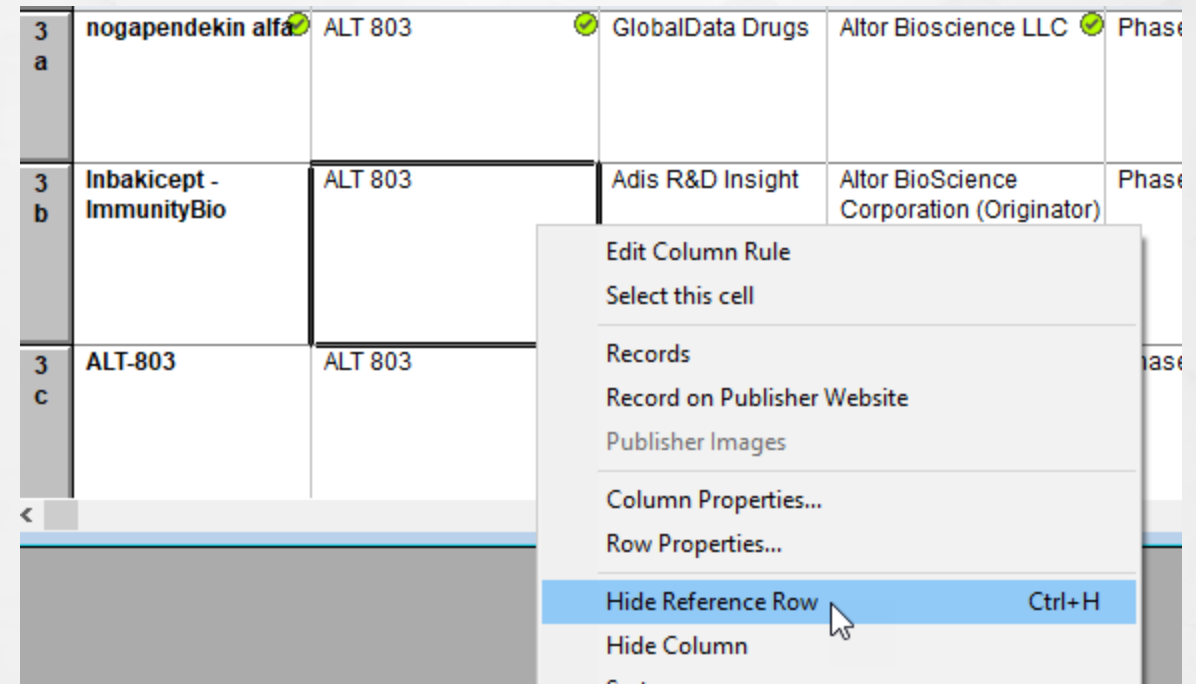
Agenda

- Reference Rows
- Sources and Databases
- STNext
- Hit Term Highlights
- Roadmap for 2022 Development
- Q&A



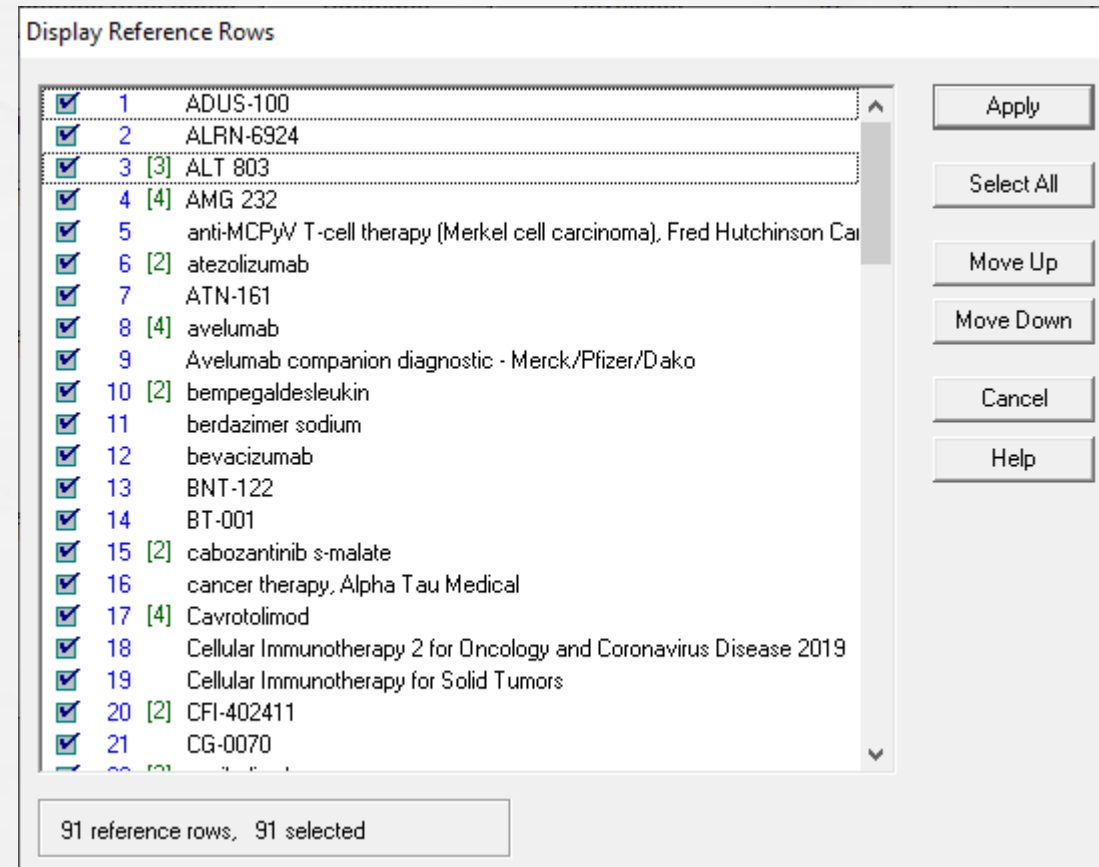
Hide Reference Rows

- The #1 most requested feature in BizInt Smart Charts is now here! **Hide Reference Row**
- Right click on any component row in a Reference Row to hide the entire group.
- All rows are hidden when you return to Smart Charts



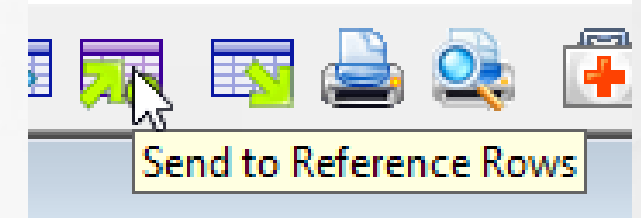
View | Reference Rows

- With View | Reference Rows you can **hide**, **show**, and **rearrange** the Reference Rows in your chart
- The green number on some rows is the number of visible source rows in the group.



Reference Rows Workflow Improvements

- No wizard (go directly to the selection view)
- Chart does not need to be saved
- Chart can come from a single database



Combined: MCC Combined - March 2021

	Drug Name	Common Drug Name	Database	Developer	Highest Phase (Normalized)	Therapeutic Activity	Route of Admin	Update Date
1	ADUS-100	ADUS-100	GlobalData Drugs	Chinook Therapeutics Inc	Discontinued	L03AX Other immunostimulants	Intratumor Intravesical	2020-11-26
2	ALRN-6924	ALRN-6924	GlobalData Drugs	Aileron Therapeutics Inc	Phase 2	L01XX Other antineoplastic agents	Intravenous	2021-03-04
3 a	nogapendekin alfa	ALT 803	GlobalData Drugs	Altor Bioscience LLC	Phase 3	J05AR Antivirals for treatment of HIV infections, combinations L03AC Interleukins	Intraperitoneal Intravenous Intravesical Parenteral Subcutaneous	2021-03-25
3 b	Inbakicept - ImmunityBio	ALT 803	Adis R&D Insight	Altor BioScience Corporation (Originator) NantKwest (Originator)	Phase 2/3	J1X (Other Antibacterials) J5 (Antivirals for Systemic Use) L1X (All Other Antineoplastics) L1X9 (All other antineoplastics) L3A (Immunostimulating Agents Excluding Interferons)	Intraperitoneal Intravesicular IV Parenteral SC	2021-03-11
	ALT 803	ALT 803	Citeline	Altor BioScience	Phase 2	Fusion protein	Injectable	2020-12-21

Reference Rows Workflow Improvements

- Let's see that in action...

Reference Rows Appearance Changes

Combined: MCC Combined - March 2021

New Selection Glyphs

Singleton rows have simple row numbers

Source rows now have a letter instead of a decimal number

	Drug Name	Common Drug Name	Database	Developer
1	ADUS-100	ADUS-100	GlobalData Drugs	Chinook Therap Inc
2	ALRN-6924	ALRN-6924	GlobalData Drugs	Aileron Therape
3 a	nogapendekin alfa	ALT 803	GlobalData Drugs	Altor Bioscienc
3 b	Inbakicept - ImmunityBio	ALT 803	Adis R&D Insight	Altor BioScienc Corporation (Or NantKwest (Ori
3 c	ALT 803	ALT 803	Citalin	Altor BioScienc

Common Patent Family

- New behavior: Automatically identified when charts are combined or updated
- This was a major training issue in the past
- If you are modifying the common patent family, do it after combine/update

Patent Databases

Provide data on patents filed worldwide

- STN - STNext (also Classic & New STN)
- Questel Orbit.com
- Minesoft PatBase
- Derwent Innovation
- Clarivate Cortellis IP, CDDI Patents
- GQ LifeSciences LifeQuest



Database Changes (STN)

- Added support for PSPI in CAplus and MARPAT

Family Status		Status	Patent Family Status			
Patent	Status		Patent	Kind	Status	Status Date
WO 2021203539 A1	Alive	Alive	WO 2021203539	A1	Alive	20211021
CN 111493266 A	Alive		CN 111493266	A	Alive	20201121
CN 111493266 B	Alive		CN 111493266	B	Alive	20211007

- Support Claims in CAplus
- Added support for INFULL, JPFULL, KRFULL, RUFULL
- Cleaned up handling for all fulltext files (esp. Claims)
- Better handling of greeks on STNext

Database Changes

- Fix formatting problems with Notes (PatBase)
- Member List now appears as a separate field rather than adding the list to the family (PatBase publication level)

IP Sequence Databases

Provide data on sequences filed in patents

- GenomeQuest (Geneseq, GQ-PAT, **virtual DBs**)
- STN (USGENE, DGENE, **PATGENE**)
- CAS Biosequences on GenomeQuest
- Orbit BioSequences



Database Changes

- Support for Virtual Databases on GenoneQuest (coming version 5.6.4)
- Support for PATGENE on STN



Literature Databases

Provide data on technical and scientific publications

- **Biomedical** (Embase, Biosis, Medline)
- **Scientific** (SciSearch, Chemical Abstracts, PQSciTech, etc.)
- **Technical** (INSPEC, RAPRA, GEOREF, etc.)
- **Hosts:** STN (Classic & New), SciFinder, Dialog, Ovid, PubMed



Author Affiliation table

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- Available today on ProQuest Dialog

Clinical Trials Databases

Provide data on drug trials worldwide

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Drug Development Suite

Commercial:

- Citeline TrialTrove
- Adis Clinical Trials Insight
- Cortellis Trials Intelligence
- **GlobalData Clinical Trials**

Public registries:

- ClinicalTrials.gov
- WHO ICTRP
- EU Clinical Trials (EudraCT)



Drug Pipeline Databases

Provide data on drugs in development worldwide

BizInt Smart Charts

Drug Development Suite

- Citeline Pharmaprojects
- IMS R&D Focus
- Adis R&D Insight
- Clarivate Cortellis
- Cortellis Drug Discovery Intelligence (Integrity)
- **GlobalData Pipeline Drugs**
- And, support for Infodesk PipelinePlus

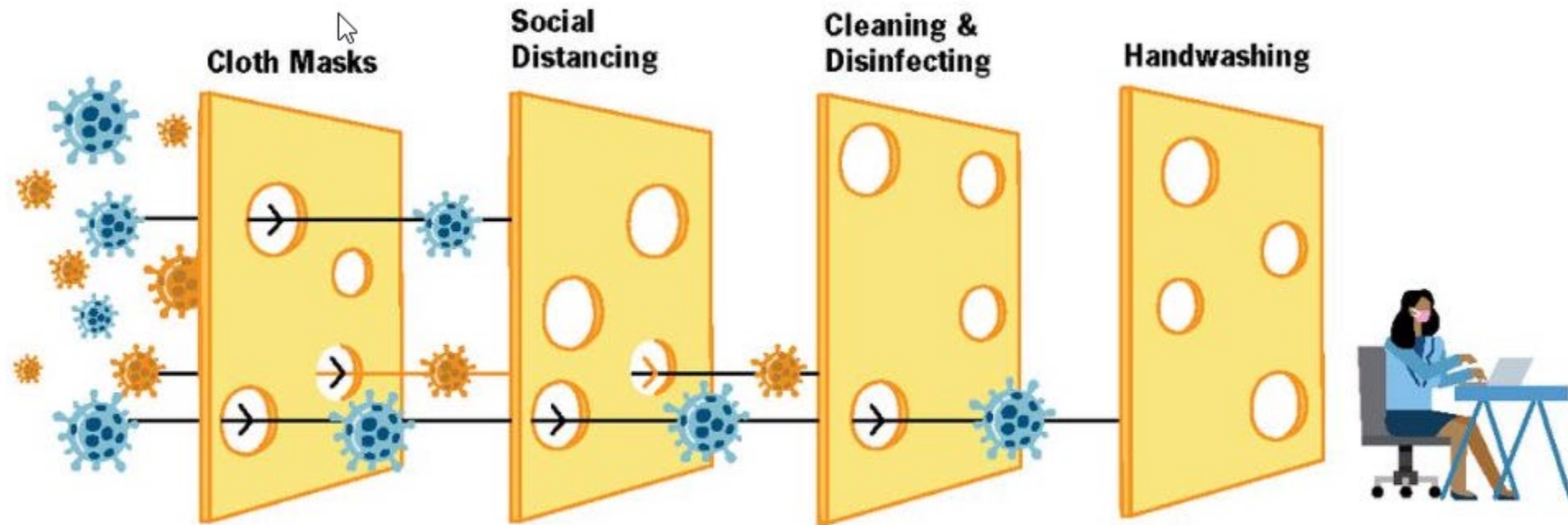


STNext BizInt Export

- New BizInt report format available on STNext
- Supported in Version 5.6
- More reliable field extraction
- Includes hit term highlights
- Can select answer sets, display commands, records
- bizint.com/support/create/stnext.php

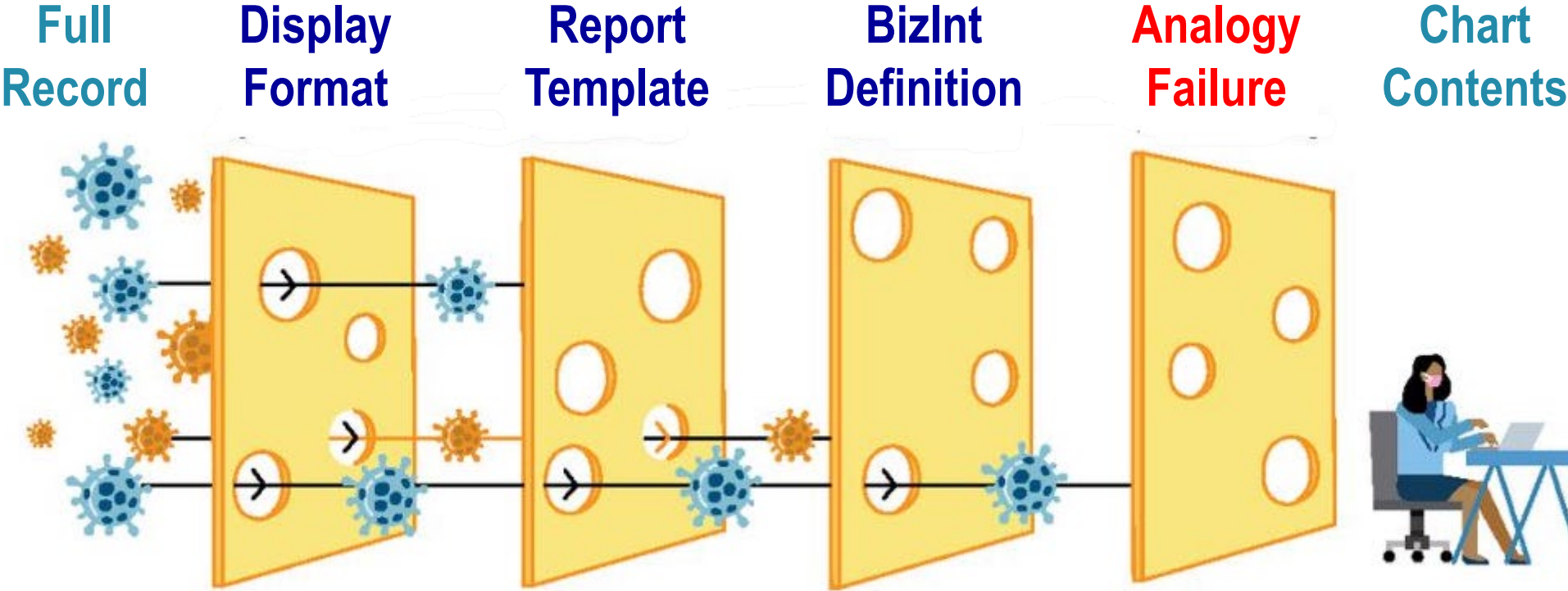
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COVID-19 Defense (2020 version)



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STNext Reports (2022 version)



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STNext Reports - Caveats

- RTF transcripts are still supported on STNext
But some future files may only work via the BizInt export
- A field displayed in your transcript will only appear in your BizInt chart if the STNext report template passes it through
- Beware of some common issues:
 - claims are not included in the standard Patent template
 - “Title” template item does not include TIEN, TIDE, TIFR

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Hit Term Highlights

- Added support for hit term highlights in version 5.6.1
- Only available in the BizInt exports from STNext and Orbit.com
- Appear in the **backing records**
- Appear in record exports
(including claims in summary records exports)
- bizint.com/support/use/hit_highlight.php

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Hit Term Highlights

- Smart Charts records

Records: 5f19a5be-71c2-4b48-bc1a-e...

2: Novel epoxide polyene amphoteric macrolide and process for purifying na

Novel epoxide polyene amphoteric macrolide and process for purifying **natamycin**

Patent Family

Patent	Kind	Date
EP 3837269	A1	2021-06-23
WO 202035553	A1	2020-02-20
US 20210188892	A1	2021-06-24
CN 112585150	A	2021-03-30

- Exports

| Record 2 of 72 | [Publisher Version](#) | [Back to chart](#) |

Novel epoxide polyene amphoteric macrolide and process for purifying **natamycin**

Patent Family

Patent	Kind	Date
EP 3837269	A1	2021-06-23
WO 202035553	A1	2020-02-20
US 20210188892	A1	2021-06-24
CN 112585150	A	2021-03-30

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Those Little Things

- Color Coding Cells - the color picker could get lost (fixed)
- Summary Records - new option for links to PatDocs Family Tree

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Roadmap for 2022 Development

- Streamlined create, combine, and update workflows
- Continued Reference Rows improvements
- Subtable editing support
- Database Support

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Roadmap: Create / Combine chart workflow

- Simplified workflow for creating and combining charts
- Goal is reducing the number of steps to get to your final report
 - Templates
 - Grouping
 - Sorting
- Statistical overview of the combined chart

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Roadmap: Reference Rows Changes

- Additional appearance changes
- Cell attribution improvements
- Apply chart templates
- Easier to go back and forth between Reference Rows and BizInt Smart Charts
- Not have to “start from scratch” every time you update

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Roadmap: Subtable Editing Support

- Features will apply to publisher and created subtables
- Sorting sub-rows
- Filtering
- Change sub-column selection
- Change sub-column titles, properties
- Edit subtables directly (no more copy/paste to notepad)
- Save user-created subtables in chart templates

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Roadmap: Database Support

- PatBase XML enhancements
- Refresh of Derwent Innovation support
- GenomeQuest Discovery Browser annotations
- More consistent support of Independent Claims
- SciFinder-n combined CPlus/Medline records
- STN Image resolution
- MARPAT, Reaxsys support

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Roadmap for 2022 Development (2)

- Chart Cell improvements
- Export improvements
- Record View improvements
- Record classification workflow



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BizInt Smart Charts

Questions?
Requests?



THE JOURNEY CONTINUES