

# Cortellis Drug Discovery Intelligence

Get to the critical information you need to inform your R&D decisions faster than ever

# Introducing Cortellis Drug Discovery Intelligence



- Based on user feedback, Integrity, a Cortellis solution, has been re-platformed to a more modern interface that combines the content and features you value with an intuitive interface and enhanced performance
- Current Integrity users will get access to the new platform, Cortellis Drug Discovery Intelligence, starting in **January 2020**
- The below slides provide an overview of the enhancements you'll see in the new interface

# Cortellis Drug Discovery Intelligence enhancements

Driving faster and more informed drug R&D decisions to help you avoid late-stage failures



## Faster results

Get to the critical data you need to make confident R&D decisions within seconds



## Intuitive interface

Easily and quickly find the info you need using a modern, intuitive interface with enhanced usability



## Easy searches

Accurately run searches via easily accessible search options - answer your questions quicker



## Enhanced content

Gain full understanding of Genes & Targets data in a single record based on Entrez Gene ID

# New interface

- Get in-app, context-sensitive support to guide you through the product when you need it
- Seamlessly access other Clarivate products like Drug Research Advisor and Cortellis Competitive Intelligence
- Use the solution on Windows and Mac

The screenshot displays the Cortellis Drug Discovery Intelligence interface. At the top, the logo and name 'Cortellis | Drug Discovery Intelligence' are visible. A navigation bar includes 'Quick Search' and 'Advanced Search' options. Below this is a search bar with a dropdown menu set to 'All' and a search input field containing the text 'Search in Drug Discovery Intelligence'. A vertical sidebar on the left contains icons for home, search, grid, refresh, and help. The main content area is divided into two sections: 'Today's News' and 'Conferences'. The 'Today's News' section features three columns of news items, each with a category tag and a brief description. The 'Conferences' section lists three upcoming events with their dates and locations.

**Cortellis | Drug Discovery Intelligence**

Quick Search    Advanced Search

All    Search in Drug Discovery Intelligence

### Today's News

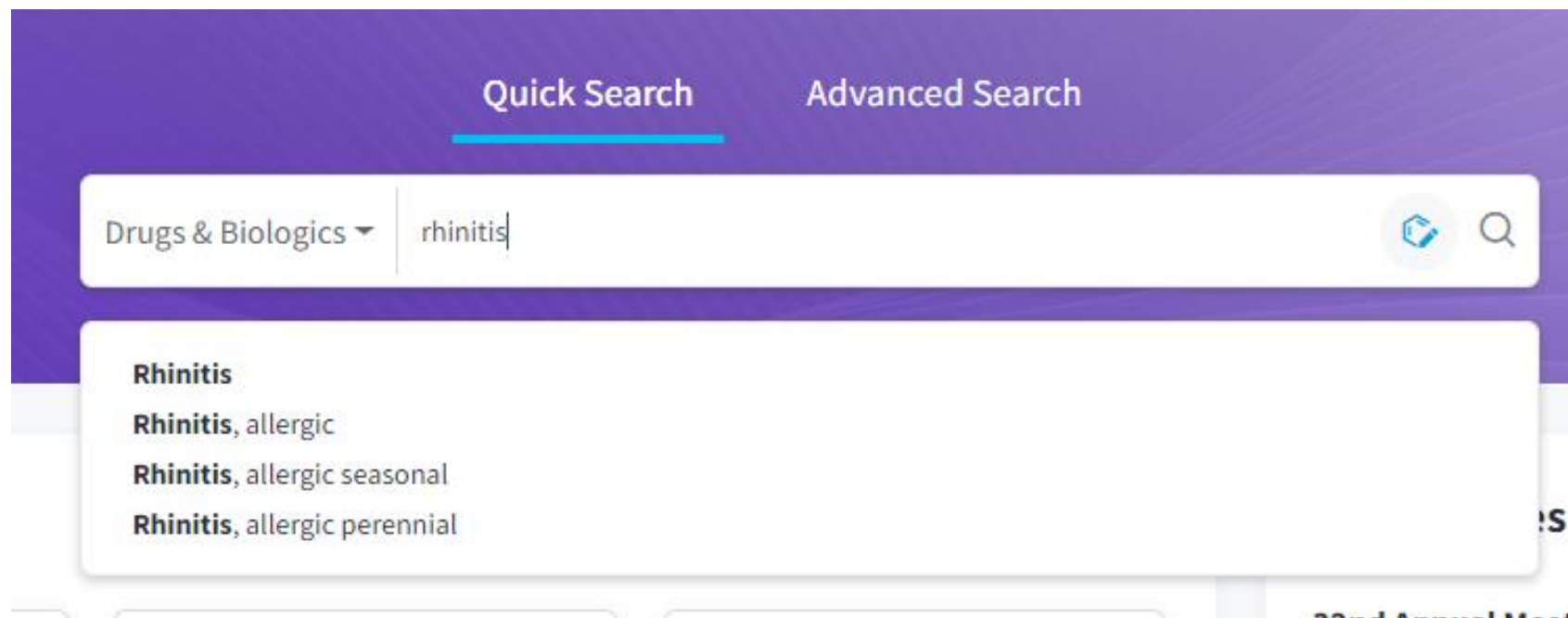
- Analgesia & Anesthesia**  
**First patient dosed in phase I study of ALD-1910**  
Alder BioPharmaceuticals announced dosing of the first patient in a first-in-human phase I study evaluating ALD-1910 as a preventive treatm...
- Infections**  
**MGB Biopharma completes first cohort in phase IIa study of MGB-BP-3 in CDAD**  
MGB Biopharma has completed the first of three patient cohorts in its phase IIa study of MGB-BP-3, a potent bactericidal antibiotic, in pat...
- Musculoskeletal & Connective Tissue Disorders**  
**Kangpu completes first-in-human study of KPG-818**  
Kangpu Biopharmaceuticals has successfully completed a first-in-human phase I single-ascending-dose study of KPG-818, a novel small-molecul...
- Eye Disorders**
- Eye Disorders**
- Ear Disorders**

### Conferences

- 32nd Annual Meeting of the European Association of Nuclear Medicine (EANM)**  
October 11-15, 2019 - Barcelona
- 75th Annual Meeting of the American Society for Reproductive Medicine (ASRM)**  
October 11-15, 2019 - Philadelphia
- European Congress on Thrombosis and Haemostasis (ECTH)**  
October 1-3, 2019 - Glasgow

# Intuitive quick search

- Run more accurate searches with autosuggest terms
- Search across all content or just the most relevant to focus on the information you need
- Set up alerts on Quick Searches to stay up to date with new research



# Easy-to-use structure search

- Choose among Elemental, Marvin JS or ChemDraw
- Draw structures or upload molfiles
- Search for exact match, substructure or similar structure
- Combine structure search with text searches via Quick or Advanced Search

The screenshot displays the Cortellis search interface. At the top, there are two tabs: 'Quick Search' (selected) and 'Advanced Search'. Below the tabs is a search bar with a dropdown menu set to 'All' and the text 'Search in Drug Discovery Intelligence'. To the right of the search bar is a search icon. Below the search bar, there are three tabs: 'Elemental' (selected), 'Marvin JS', and 'ChemDraw JS'. The 'Elemental' tab shows a drawing toolbar with various chemical drawing tools and a list of elements (C, N, O, S, H, F, Cl, Br, X, [ ], +, -) on the left. An 'Upload structure' button is located at the bottom of the drawing area. To the right of the drawing area is a 'Search Options' panel. This panel has three radio buttons: 'Exact', 'Substructure' (selected), and 'Similarity'. Under the 'Substructure' option, there is a 'Molecular Weight' section with a checkbox and a slider ranging from 0 to '3 000 or more'. At the bottom of the 'Search Options' panel are three buttons: 'Reset all', 'Cancel', and 'Apply'.

# Simple Advanced Search

- Focus only on the content you'd like to search
- Combine more than 3 search fields and use Boolean operators (i.e., AND, OR, NOT) to customize your search
- Look up ontology terms to ensure accurate results

Quick Search   **Advanced Search**

Drugs & Biologics

-   Mechanism of Action   + Raf Kinase Inhibitors X

AND   Drug Under Active Development    Yes    No

AND   Select Field

Clear all   Search

# Display results faster than ever

- Get comprehensive results in a matter of seconds - compared to 25 seconds for the legacy product
- Easily see results across all content sets to glean level of research performed in your area of interest

The screenshot displays the Cortellis Drug Discovery Intelligence interface. At the top, the logo and name 'Cortellis | Drug Discovery Intelligence' are visible. Below the header, there is a navigation bar with a search icon and a filter dropdown set to 'Cancer'. The main content area is titled 'All results for Cancer' and features a grid of 11 result cards. Each card includes an icon, a count, a category name, and two buttons: 'View results' and 'Related info'.

Category	Count	View results	Related info
Drugs & Biologics	178809	View results	Related info
Genes & Targets	14261	View results	Related info
Organic Synthesis	1066	View results	Related info
Experimental Pharmacology	616966	View results	Related info
Experimental Models	42336	View results	Related info
Pharmacokinetics	188874	View results	Related info
Clinical Studies	153058	View results	Related info
Organizations	11377	View results	Related info
Literature	593096	View results	Related info
Patents	119726	View results	Related info
Disease Briefings	122	View results	Related info



# New filter choices

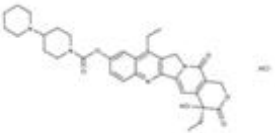
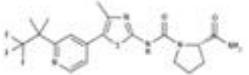
- Easily find the term you're looking for with the lookup option
- 17 new filter choices available in Drugs & Biologics, Patents, Experimental Pharmacology, Clinical Studies, Pharmacokinetics and Organizations

The screenshot shows a 'Apply Filters' dialog box. On the left, there is a list of filter categories: Study Design, Phase, Condition, Intervention Type, Drug Name, and Source Type. On the right, there is a search bar and a list of filter options with checkboxes and counts. The options are: Randomized(1071), Placebo-controlled(904), Double-blind(883), Multicenter(479), Comparative(309), Open(303), Pooled/meta-analysis(153), Crossover(139), Dose-finding(85), Single-blind(35), Case report(30), Retrospective(17), and Case-control(2). At the bottom of the dialog, there is a question mark icon, a 'Cancel' button, and an 'Apply' button.

Filter Category	Filter Option	Count
Study Design	Randomized	1071
	Placebo-controlled	904
	Double-blind	883
	Multicenter	479
	Comparative	309
	Open	303
Phase	Pooled/meta-analysis	153
	Crossover	139
	Dose-finding	85
	Single-blind	35
	Case report	30
	Retrospective	17
	Case-control	2

# Easy-to-read results

- Find most relevant results at the top of the table
- View structures directly in table and hide them when you want
- Sort your results to easily find the most relevant information

Product List	Development Status	Milestones	View related info <span>...</span>					
Apply Filters <span>Sorted by relevance</span> <span>Showing 1-20 of 499 Drugs &amp; Biologics records for cancer</span>								
Highest Phase (1) x Drug Type (3) x <a href="#">Clear all</a>								
Entry Number	Highest Phase	Code Name	Generic Name	Brand Name	Product Category	Therapeutic Group	Mechanism of Action	Organization
103766	Launched - 1994	CPT-11 DQ-2805 NSC-616348 SOL-901	Irinotecan hydrochloride	Campto Camptosar Oncoral Topotecin	Camptothecins	Bladder Cancer Therapy Brain Cancer Therapy Breast Cancer Therapy Cervical Cancer Therapy	Breast Cancer-Resistant Protein (BCRP; ABCG2) Inhibitors DNA Topoisomerase I Inhibitors P-Glycoprotein (MDR-1; ABCB1) Inhibitors	Ascelia Pharma Daiichi Pharmaceutical (Daiichi Sankyo) Daiichi Sankyo EORTC
								
684507	Launched - 2019	OSWSH2C97Q BYL-719 NVP-BYL-719	Alpelisib	Piqray		Breast Cancer Therapy Colorectal Cancer Therapy Digestive/Gastrointestinal Cancer Therapy Gastric Cancer Therapy	Drugs Acting on Breast Cancer-Resistant Protein (BCRP; ABCG2) Phosphatidylinositol 3-Kinase alpha (PI3Kalpha) Inhibitors Signal Transduction Modulators	National Cancer Institute (NCI) Novartis (Originator)
								

# Comprehensive drug info

- Easily find related content via the floating list to dive in deeper
- Jump directly to development status and milestones to get to relevant information quicker

The screenshot shows the Cortellis Drug Discovery Intelligence interface for Irinotecan hydrochloride. The page is organized into several sections:

- Header:** Cortellis | Drug Discovery Intelligence. Search filters for "Drugs & Biologics" and "Cancer".
- Navigation:** Product, Development Status, Milestones. A "View related info" link is also present.
- Product Properties:**
  - Chemical Structure:** A 2D chemical structure of Irinotecan hydrochloride is displayed.
  - Code Name:** U-101440E; CPT-11; SOL-901; DQ-2005; SOL-924; NSC-636348
  - Generic Name:** Irinotecan hydrochloride
  - Brand Name:** Campto; Oncoral; Camptosar; Topotecin
  - Molecular Formula:** C33H39ClN4O6
  - Molecular Weight:** 623.139
  - Chemical Name/Description:** (+)-7-Ethyl-10-[4-(1-piperidinyl)piperidin-1-ylcarbonyloxy]camptothecin hydrochloride; 1,4'-Bipiperidine-1'-carboxylic acid 4(5),11-diethyl-4-hydroxy-3,14-dioxo-3,4,12,14-tetrahydro-1H-pyrano[3',4':6,7]indolizino[1,2-b]quinolin-9-yl ester hydrochloride; [1,4'-Bipiperidine]-1'-carboxylic acid (5)-4,11-diethyl-4-hydroxy-3,14-dioxo-3,4,12,14-tetrahydro-1H-pyrano[3',4':6,7]indolizino[1,2-b]quinolin-9-yl ester hydrochloride
  - Standard InChI:** InChI=1S/C33H38N4O6.ClH/c1-3-22-23-16-21(43-32)40(36-14-10-20(13-15-36)35-12-6-5-7-13-35)8-9-27(23)34-29-24(22)18-37-28(29)17-26-25(30)37)38(19-42-31(39)33(26,41)4-2)/h8-9,16-17,20,41H,3-7,10-15,18-19H2,1-2H3;1 H/C33-2/m0/s1
  - Standard InChIKey:** GURKHYSYORGJETM-WAQYZQFGSA-N
  - CAS Registry Number:** 097682-44-5 (free base)
- Related Content:**
  - Drugs & Biologics: 32
  - Genes & Targets: 3
  - Organic Synthesis: 15
  - Experimental Pharmacology: 879
  - Experimental Models: 415
  - Pharmacokinetics: 7372
  - Clinical Studies: 4601
  - Organizations: 13
  - Literature: 9563

**“I’m the guy that my colleagues pester to do their searches in Integrity. You guys have made a product that looks like somebody can just pick it up and want to use it. That is going to make my job a lot easier.”**

Senior Scientist, Chemistry  
Top 20 Pharma, USA

# Questions about your upgrade?

Contact your account manager or [cddi.upgrade@clarivate.com](mailto:cddi.upgrade@clarivate.com)

[clarivate.com/drugdiscoveryintel](https://clarivate.com/drugdiscoveryintel)