Chemical Abstracts Service
provides access to
STN in North America

September/October 2005

# STNews

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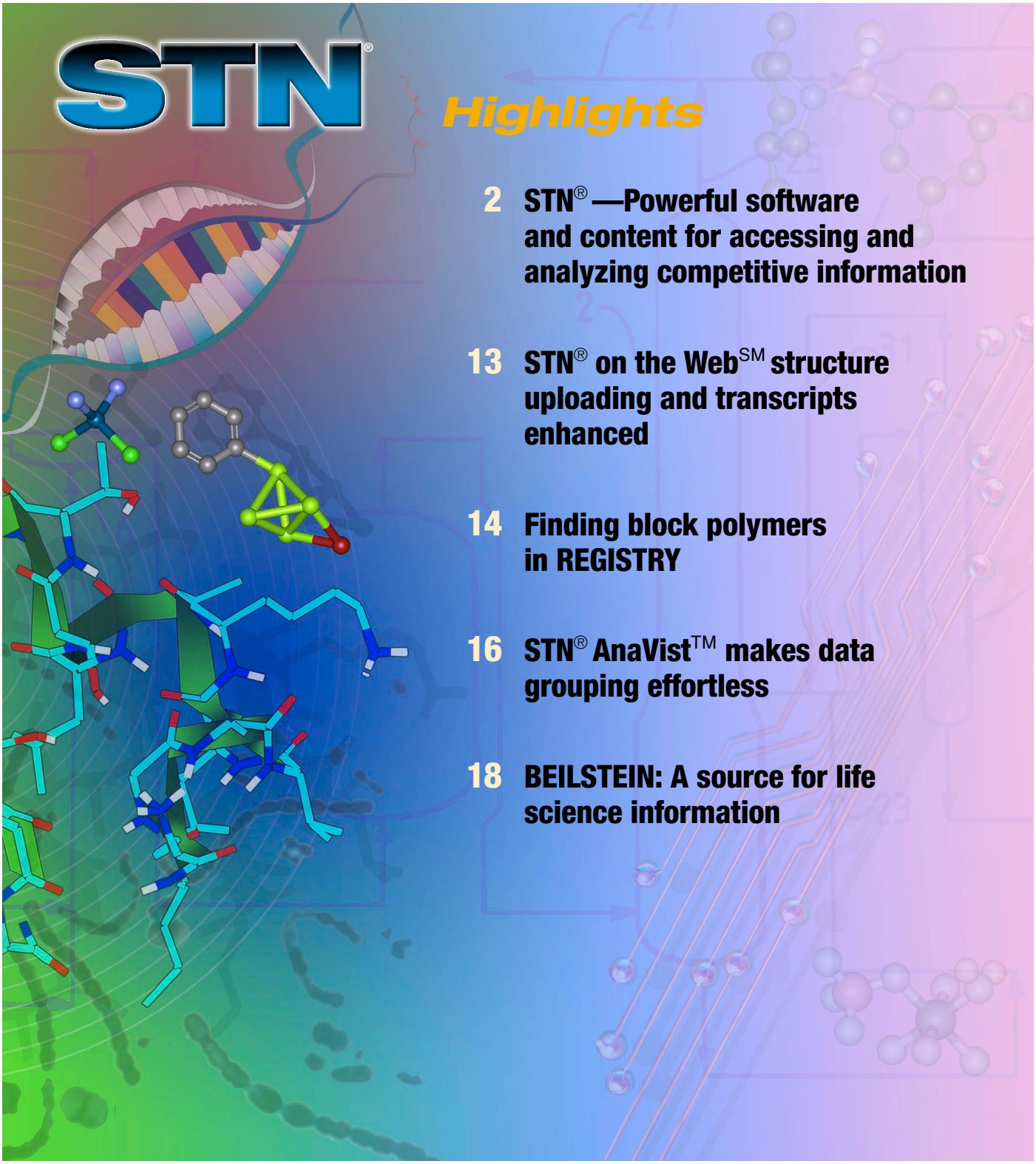


STN®

## Highlights

Feature

# Powerful software and content for accessing and analyzing competitive information

**Competitive analysis involves searching and gathering, analyzing, and utilizing public information to elevate your organization to a higher competitive level. It provides a better understanding of your industry and facilitates strategic decision-making, which can lead to a competitive edge and fine-tuning the performance of your organization.**

**Whether your project is focused on competitive, trending, or market information, you can use STN to find comprehensive business and patent information for your analysis. Searching the appropriate databases efficiently and effectively will help you conduct your analysis with confidence. High-quality analysis entails:**

- **Searching with focus, accuracy, and comprehensiveness**
- **Organizing and cleaning relevant data**
- **Data analysis and identification of effective solutions**
- **Keeping current**

## Searching with focus, accuracy, and comprehensiveness

Obtaining accurate, focused data is critical in an effective competitive analysis. High-quality searches of first-rate content from a variety of sources yield superior results. Plus, appropriate search strategies save you both time and money.

### Focus

Gathering focused data sets requires an understanding of the business context of your project. In addition, you must consider your customers' needs when defining the analysis strategy. Identification of appropriate topics and information helps ensure a focused outcome that is tailored to your business needs.

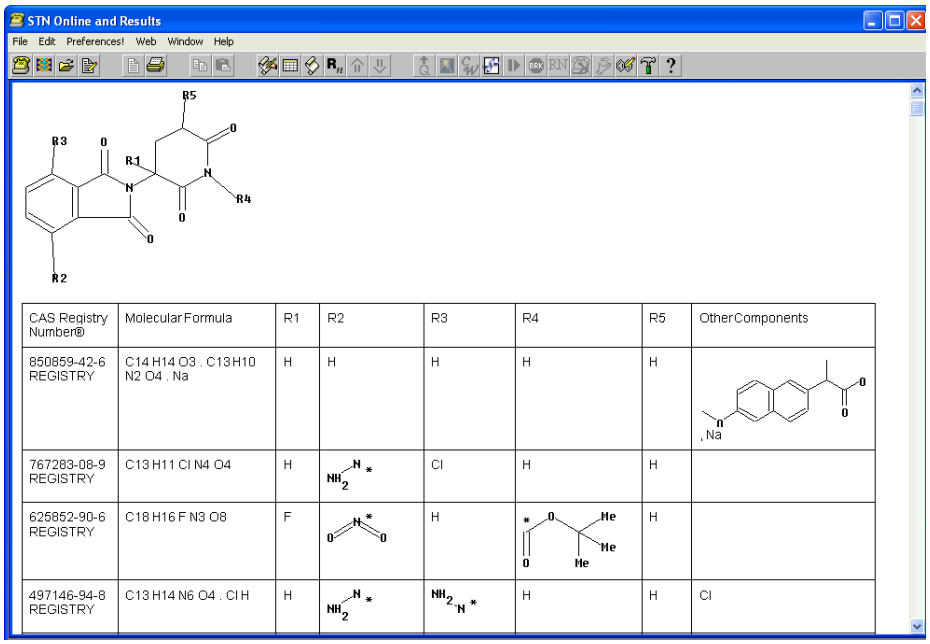
To identify appropriate data, consider following these steps:

1. Perform a subject search to learn about the topic, which organizations are active, and determine objectives.
2. Begin to understand what information is relevant and what is not.
3. Formulate a strategy for your search and analysis.

### Accuracy

Using a variety of search techniques increases the accuracy of your results. Searching top quality, indexed databases also helps ensure accuracy.

STN products provide you with a variety of high-quality features that allow you to search and integrate content from multiple sources. STN® on the Web℠, STN Express® with *Discover!*™, and STN® AnaVist™ all allow searching across CAplus℠, PCT, and U.S. full-text patent databases.




| CAS Registry Number® | Molecular Formula | R1 | R2 | R3 | R4 | R5 | Other Components |
|---|---|---|---|---|---|---|---|
| 850859-42-6 REGISTRY | C14 H14 O3 . C13 H10 N2 O4 . Na | H | H | H | H | H |  |
| 767283-08-9 REGISTRY | C13 H11 Cl N4 O4 | H |  | Cl | H | H | |
| 625852-90-6 REGISTRY | C18 H16 F N3 O8 | F |  | H |  | H | |
| 497146-94-8 REGISTRY | C13 H14 N6 O4 . Cl H | H |  |  | H | H | Cl |

*In STN Express with Discover!, the Variable Group Analysis Table Tool allows you to create a substance analysis table based on a common substructure for an answer set of structurally related substances. The analysis can even include multicomponent substances, such as pharmaceutical salts.*

To produce accurate, precise results, consider searching in multiple databases. For example, consider these options:

### For structure content searches

- BEILSTEIN
- CAS REGISTRY℠
- CASREACT®
- CHEMINFORMRX
- DJSMONLINE
- DRUGU
- GMELIN
- MARPAT®
- PS
- WPINDEX

### For chemical name synonyms

- BEILSTEIN
- CAS REGISTRY
- PROUSDDR

### For controlled vocabulary

- IFI Uniterms
- Derwent Manual codes
- CAS Lexicon

## Comprehensiveness

When considering competitive analysis, you should never search merely one source. Combining resources and applying a carefully planned strategy ensures an on-target analysis.

STN provides a wealth of information for your competitive analysis. Its databases are an authoritative collection of essential technology, business, patent, and regulatory compliance information related to a broad range of scientific fields such as chemistry, engineering, life sciences, pharmaceutics, biotechnology, and more. STN offers:

### Worldwide coverage

STN databases provide worldwide coverage of an array of topics. Again, using indexed databases provides assured results.

### Quality databases from a large number of suppliers

STN maintains databases from over 75 database producers, including Cambridge Scientific Abstracts (CSA), Thomson Scientific, Elsevier Engineering Information, Inc., Elsevier Science, and IMS Health.

### Current and comprehensive patent coverage

CA℠/CAplus covers patents, patent families, and technical disclosures of chemical, biochemical, and chemical engineering interest dating back to the late 1800s. Patent coverage includes information originating from 9 core patent offices:

- Canadian Intellectual Property Office (CIPO)
- European Patent Office (EPO)
- French Patent Office (INPI - Institut National de la Propriete Industrielle)
- German Patent Office (DPMA)
- Japanese Patent Office (JPO)
- Russian Patent Office (ROSPATENT - Russian Agency for Patents and Trademarks)
- UK Patent Office
- United States Patent & Trademark Office (USPTO)
- World Intellectual Property Organization (WIPO)

# Feature

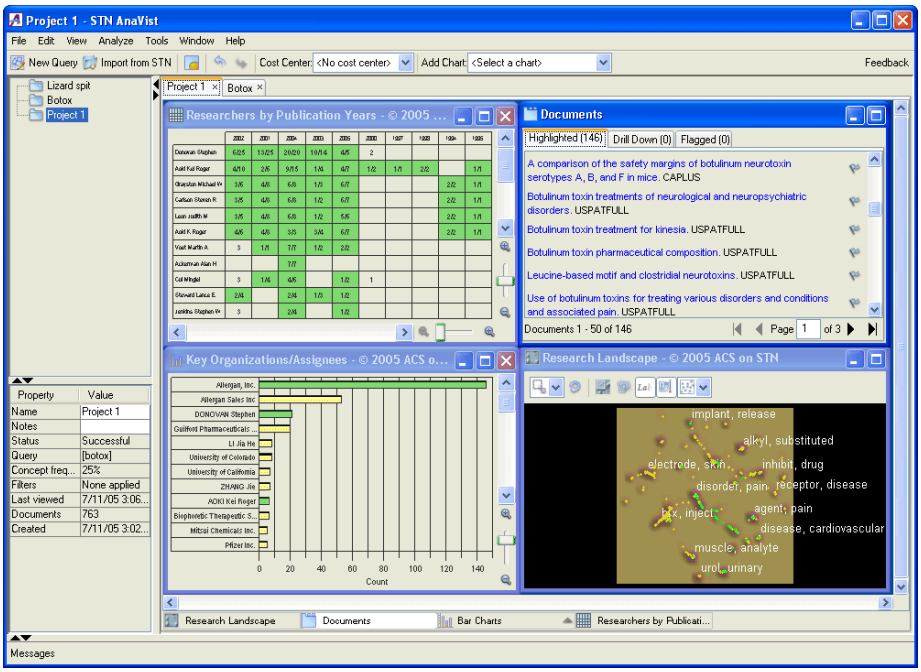
**STN provides access to many databases that contain the full text and the current classifications for the original publication of patents issued by the appropriate offices.**

Bibliographic information and available abstracts in patent documents from these core issuing authorities are added to CAplus within 2 days of issue, and indexing is completed within 27 days.

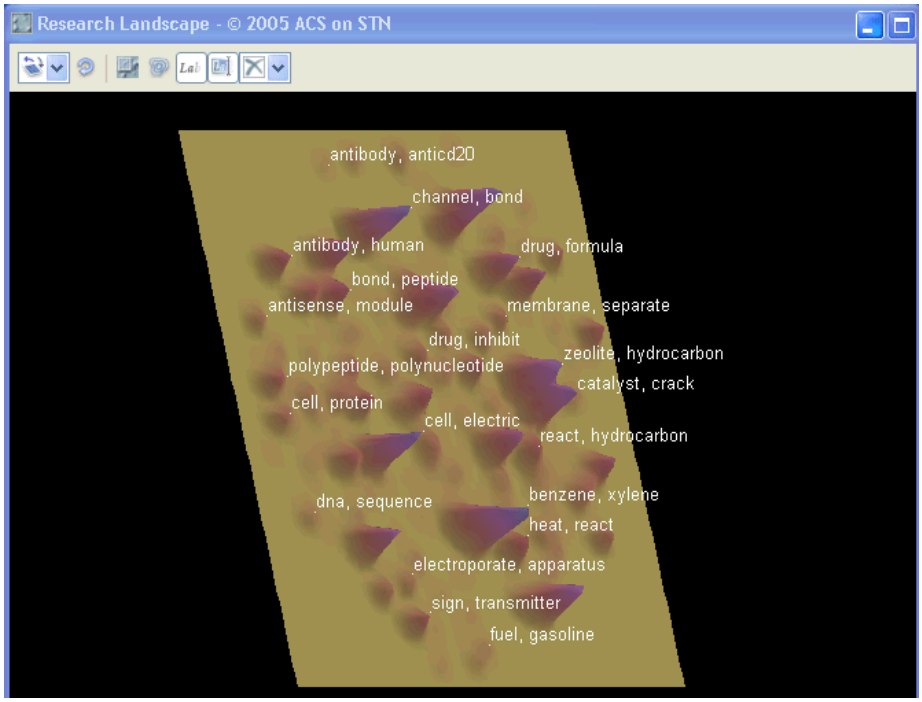
Derwent World Patents Index® provides information on patent publications from the 41 most important patent issuing authorities of the world.

Each record in the database describes a patent family, starting with the new invention (Basic Patent) and adding information about the same invention issued in other countries (Equivalents). The records contain bibliographic data, Derwent-assigned titles, abstracts, general indexing, and in-depth chemical and electrical indexing. Additionally, electrical and engineering drawings may be present in records dating back to 1988, and chemical structure drawings may be present in records dating back to 1992.

Derwent Chemistry Resource (DCR) offers structure searching and various other substance identification and indexing fields. DCR search results are linked to bibliographic records.




*STN AnaVist offers views of your document set from a variety of angles and interactively links the various views. The dynamic workspace facilitates multidimensional analysis of search results.*




*The Research Landscape presents clusters of documents with similar content. You can easily tilt and zoom the landscape to explore your document set from a variety of perspectives.*

### Current and comprehensive nonpatent literature

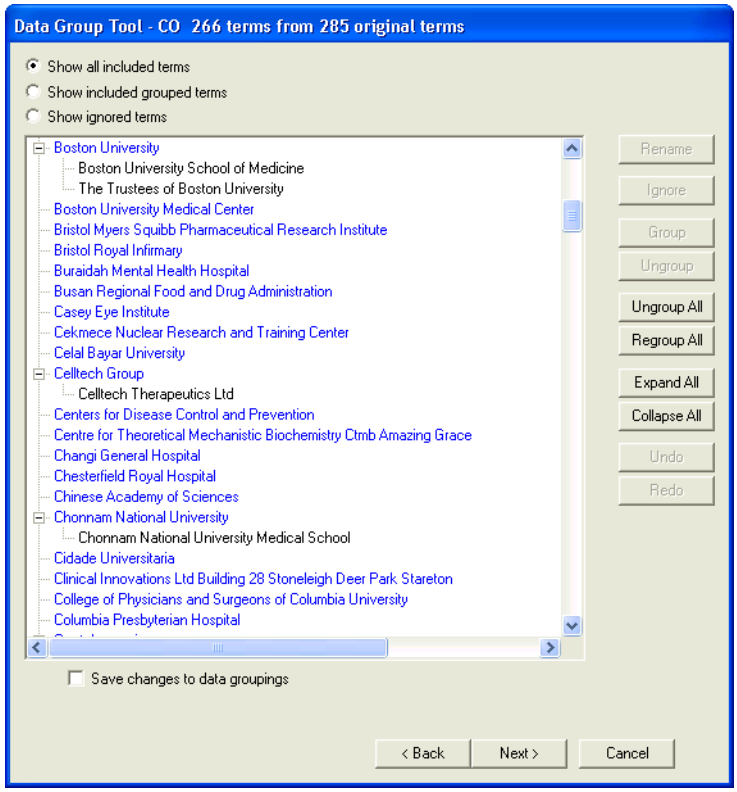
In addition to patent coverage, CA/CAplus provides the most current and comprehensive chemistry bibliographic information for international journals, technical reports, books, conference proceedings, dissertations, electronic-only journals, and web preprints from all areas of chemistry, biochemistry, chemical engineering, and related sciences from 1907 to the present. In addition, CA/CAplus includes over 21,600 records for journal articles and patents dated before 1907.

The INSPEC (Information Service for Physics, Electronics and Computing) database contains citations with abstracts to world physics, electronics and electrical engineering, computers and computing, and control theory and technology literature.

Sources for INSPEC include primarily journals, conference proceedings, books, dissertations, and reports. Property information and element terms are searchable in this file as well as bibliographic information, indexing terms, and abstracts.

Important nonpatent databases on STN include:

- BIOSIS®
- COMPENDEX
- EMBASE
- INSPEC
- MEDLINE®
- NTIS




*Data grouping tools allow you to create custom groups of data that occur in a particular field across the available STN databases. You can then save your groupings for future use.*

### Full-text databases

STN provides access to many databases that contain the full text and the current classifications for the original publication of patents issued by the appropriate offices.

Full-text databases include:

- European Patents FULLtext (EPFULL)
- Federal Register (FEDREGFULL)
- FRench Patents FULL Text (FRFULL)
- German Patents Full Text (PATDPAFULL)
- PCTFULL
- Research Disclosure (RDISCLOSURE)
- United Kingdom (GB) Patents FULL Text (GBFULL)
- USPATFULL/USPAT2

## Organizing and cleaning relevant data

After performing your search, it is important to organize and clean the relevant data destined for the competitive analysis. For example, your results may include publications by R. Smith, Robert Smith, Bob Smith, etc.

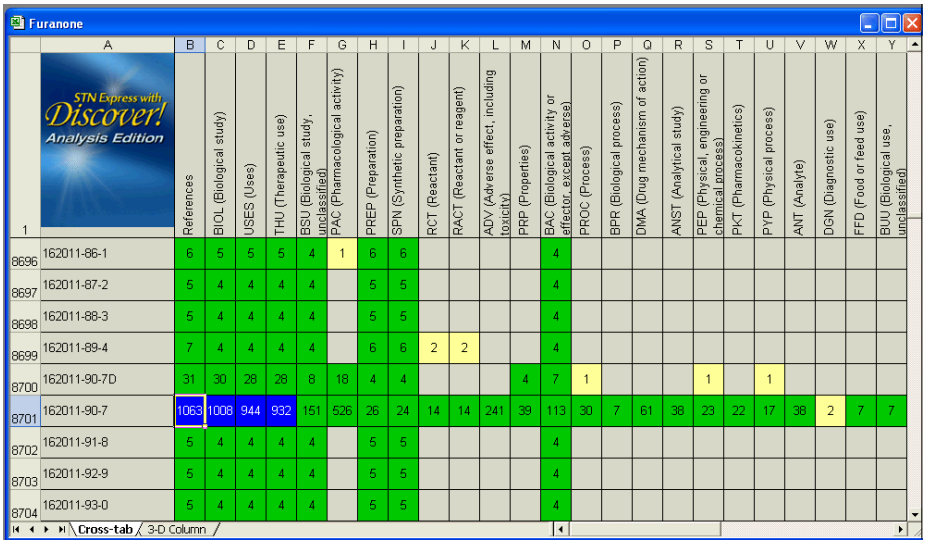
STN offers organization and data cleaning that is simple, automated, and expert-driven. The following tools can help organize and clean your data:

**Company Name Thesaurus in CAplus** standardizes terminology, harmonizing data. The Company Name Thesaurus is built manually by CAS scientists and indexing experts.

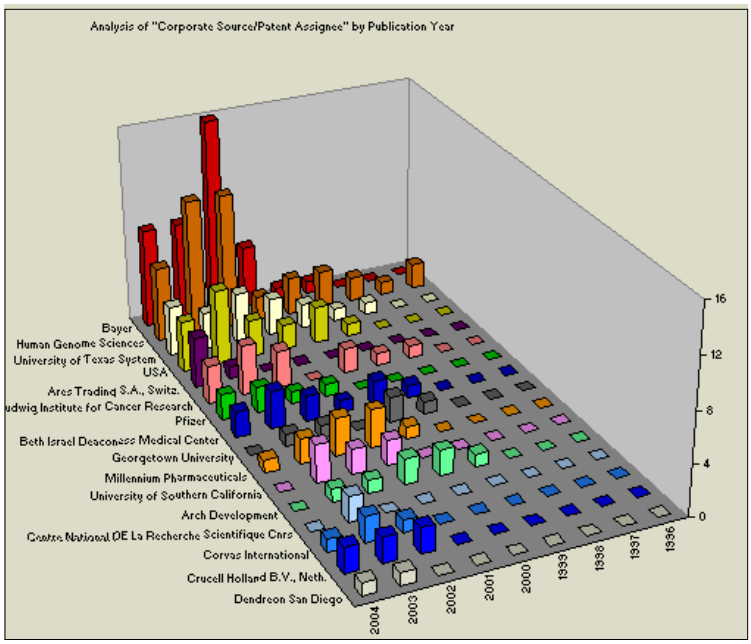
**ANALYZE and TABULATE commands** offer the power of extracting, analyzing, and tabulating information. TABULATE allows you to create an easy-to-read two-dimensional table of analyzed data. After using TABULATE, you can import the data into spreadsheet programs for presentation or further analysis.

**STN Express with *Discover!*** provides many tools and wizards to help organize and clean data:

- **Analyze Plus Wizard** helps you analyze, cross-tabulate, and chart data from single-file or multifile search results and create a data table and 3-D chart. You can also group related author/inventor and company names for better analysis and visualization results.




*With the CAS Registry Number® and Role Report Wizard, you can easily obtain an overview of the relationships among the compounds in your answer set and the types of studies in which they occur. The CAS Registry Numbers from the selected documents and the associated roles are tabulated in a Microsoft® Excel spreadsheet.*




*Microsoft Excel 3-D column chart created using the Analyze Plus Wizard. Clicking the 3-D Column tab at the bottom of the spreadsheet provides you with a graphical view of your data.*

| | STN Express with Discover! | STN AnaVist |
|---|---|---|
| **Integrated content from multiple sources** | √ | √ |
| **Data cleaning and grouping** | √ | √ |
| **Interactive charts** | √ | √ |
| **Variable Group Analysis Table Tool** | √ | |
| **CAS Registry Number and Role Report** | √ | |
| **ANALYZE and TABULATE** | √ | |
| **Structure data from REGISTRY** | √ | √ |
| **Advanced visualization** | | √ |

**STN offers organization and data cleaning that is simple, automated, and expert-driven.**

- **Variable Group Analysis Table Tool** quickly and easily identifies a common structure and variable group (R-group) locations for a set of structurally related substances from REGISTRY. A user-friendly wizard guides you step by step.
- **Data Group Tool** permits further editing and customization of the data occurring in any particular field across the available STN databases.
- **Table Tool** allows you to merge family members by creating a table of data graphics and/or chemical structures from STN answer sets.
- **Save for STN AnaVist Wizard** lets you save an answer set from databases such as CAplus, PCTFULL, and USPATFULL, and then open it in STN AnaVist.

**STN AnaVist**, interactive analysis and visualization software, allows you to:

- Analyze and organize your data by creating custom groupings of authors, organizations/assignees, publication years, etc. You can even save your custom groupings for use in future visualizations.
- Uncover relationships among nine different fields within documents, e.g., companies, inventors, years, and concepts extracted from text.
- See relationships easily in the visualization workspace. Relevant data is highlighted during the analysis and appears throughout the bar or matrix charts and the Research Landscape you create.

## Data analysis and identification of effective solutions

STN products give you an advantage over others conducting competitive analyses. Its top quality content and powerful tools let you search and analyze with confidence. Once you have obtained results that have been cleaned and organized, you can use the data to start formulating effective solutions and business strategies. The table above highlights key STN features that help with that analysis.

## Keeping current

Current-awareness alerts (SDIs) on STN help you keep informed on topics crucial to your business. Using alerts to monitor for new information ensures that your competitive analyses remain current.

To find more information about setting up current-awareness alerts (SDIs), refer to Mastering STN Commands at www.cas.org/training/stncommands/sdi.html for setting up a single-file alert and www.cas.org/training/stncommands/multifilesdi.html for setting up a multifile current-awareness alert (SDI).

## Additional resources

For more information about the topics discussed in this article, refer to the following:

| Topic | Links |
|---|---|
| **Full-text databases** | |
| Utilizing on STN | www.cas.org/STNEWS/MARAPR05/intlcovchart.html |
| Search example | www.cas.org/patents/fulltextex.html |
| **STN Express with *Discover!*** | |
| Full list of resources | www.cas.org/ONLINE/STN/expresources.html |
| Version 8.0 User Guide | www.cas.org/ONLINE/STN/winug8.pdf |
| Analyze Plus Wizard/Data Group Tool | www.cas.org/ONLINE/STN/analyzeplus.html<br>www.cas.org/STNEWS/SEPOCT04/expressway.html |
| Variable Group Analysis Tool | www.cas.org/STNEWS/JANFEB04/expressway.html<br>www.cas.org/ONLINE/STN/70chap9.pdf |
| CAS Registry Number and Role Report Wizard | www.cas.org/ONLINE/STN/casrnex.html |
| Table Tool | www.cas.org/ONLINE/STN/tables.html |
| Save for STN AnaVist Wizard | www.cas.org/ONLINE/STN/saveanavist.html |
| **STN AnaVist** | |
| Full list of resources | www.cas.org/stnanavist/resources.html |
| Concept searching | www.cas.org/stnanavist/concept.html |
| Quick Start Guide | www.cas.org/stnanavist/anavistquickstart.pdf |
| Searching and visualizing | www.cas.org/stnanavist/details.html |
| Data grouping and clean-up | www.cas.org/stnanavist/datagroup.html |
| **CAS e-Seminars and tutorials** | |
| STN: Structure and Substructure Searching Tips<br>STN: Introduction to STN AnaVist<br>Creating Result Sets for Use in STN AnaVist<br>Using the STN AnaVist Interactive Visualization Workspace<br>Using the Custom Grouping Capabilities in STN AnaVist<br>Going Beyond Basic Navigation on STN AnaVist | casevents.webex.com |

# Database News

## CA/CAplus

### –increased access to 19th century research documents; Canadian Intellectual Property Office (CIPO) added to core patent offices

Nearly 14,000 records from the pre-1900 ACS journals have been added to the CA/CAplus family of databases on STN. The addition of all the early volumes of the *Journal of the American Chemical Society* and *Journal of Physical Chemistry* is now complete.

The records being added are from the:

- *Journal of the American Chemical Society*, Volumes 1-21 (1879-1899)
- *Journal of Physical Chemistry*, Volumes 1-3 (1897-1899)

The records represent:

- Over 7,200 United States (US), German (DE), Great Britain (GB), France (FR), and Belgian (BE) patents covered in the *Journal of the American Chemical Society*, Volumes 1-4, 6-10, and 12-17
- Approximately 1,600 articles from the *Journal of the American Chemical Society*
- Approximately 125 articles from *Journal of Physical Chemistry*
- Book reviews, abstracts of articles summarized from other journals, etc., from the *Journal of the American Chemical Society* and *Journal of Physical Chemistry*

The 19th century records have been assigned to:

- The year 1906, Volume 0, and 0CI, to distinguish them from other records in CA/CAplus
- The appropriate CA section used during the 1CI period, to facilitate searching of broad subject categories

In addition to titles, authors, and sources, the 19th century records include:

- Full journal titles
- English titles for articles in French and German taken from the *Journal of Physical Chemistry* summaries
- Abstracts (or the first paragraph of the article) for many of the records
- CODEN and ISSN
- References from both the original publication and summaries from other journals in the *Journal of the American Chemical Society* and *Journal of Physical Chemistry*
- Document type
- Language and corporate source, when available

The 19th century records do not include:

- CA indexing
- Page images because these references have never appeared in print in *Chemical Abstracts*™

The addition of this content gives you access to journals that have previously been accessible only through manual searching. It also provides access to patent information from this time period, which is difficult to find. CA/CAplus makes this article and patent content easily searchable and displayable.

The Canadian Intellectual Property Office (CIPO) was added to the list of core patent offices covered in CA/CAplus. Bibliographic information and available abstracts in patent documents from core issuing authorities are added to CAplus within 2 days of issue, and indexing is completed in 27 days.

This addition is the ninth core patent office. The other core patent offices include the European Patent Office (EPO), French Patent Office (INPI - Institut National de la Propriete Industrielle), German Patent Office (DPMA), Japanese Patent Office (JPO), Russian Patent Office (ROSPATENT - Russian Agency for Patents and Trademarks), UK Patent Office, United States Patent & Trademark Office (USPTO), and World Intellectual Property Organization (WIPO).

CAS patent coverage information is available at:
www.cas.org/EO/patyear.html

The CA/CAplus Database Summary Sheets are available at:
www.cas.org/ONLINE/DBSS/cass.html
www.cas.org/ONLINE/DBSS/caplusss.html

## CAplus

### –additional pre-2000 patent records from selectively covered IPC codes

Approximately 150,000 pre-2000 patent records from selectively covered IPC codes are being added to CAplus.

The two patent record categories from the selectively covered IPCs are:

- All pre-2000 patent records published in English and/or with English-language titles
- French and German patents from the pre-2000 time period with machine-translated patent titles

A list of selectively covered IPC codes is available at:
www.cas.org/EO/part.html

The CAplus Database Summary Sheet is available at:
www.cas.org/ONLINE/DBSS/caplusss.html

# Database News

## CASREACT

### –enhanced with displayable reaction conditions

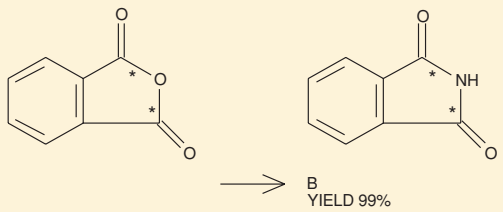
Experimental reaction conditions, when available, are now displayable in CASREACT on STN. Coverage begins with documents in *Chemical Abstracts*, Volume 138, 2003; actual document publication dates may be earlier.

These reaction conditions provide valuable details about how reactions occur. The information may be used in a variety of ways—reproducing the reaction in a lab, making critical decisions on a method, and more.

Experimental reaction conditions (time, temperature, pressure, and pH) are displayed in the Conditions (CON) field in CASREACT. The conditions have been captured as the reactions appear in the literature and are typically expressed numerically. Not all reactions have conditions, and not all categories of conditions may be available for a specific reaction.

The following example shows a CASREACT display with experimental reaction conditions.

```
RX(1) OF 1     A  ===>  B
```




```
RX(1)      RCT  A 85-44-9
           RGT  C 57-13-6 Urea
           PRO  B 85-41-6
           SOL  95-47-6 o-Xylene
           CON  1.5 hours, 144 deg C
```

The CASREACT Database Summary Sheet is available at:
www.cas.org/ONLINE/DBSS/casreactss.html

## CHEMLIST®/HCHEMLIST

### –ENCS and ECL inventory updated

The Japanese Existing and New Chemical Substances List (ENCS) is now available and current through September 2004.

Updates to the Korean Existing Chemicals List (ECL) is now available and current through March 2005.

The CHEMLIST/HCHEMLIST Database Summary Sheets are available at:
www.cas.org/ONLINE/DBSS/chemlistss.html
www.cas.org/ONLINE/DBSS/hchemlistss.html

## DJSMONLINE

### –added to AUTHORS database cluster

DJSMONLINE has been added to the AUTHORS database cluster.

A complete listing of database clusters is available at:
www.cas.org/ONLINE/CATALOG/CLUSTERS/cover.html

The DJSMONLINE Database Summary Sheet is available at:
www.cas.org/ONLINE/DBSS/djsmonliness.html

## EMBASE/LEMBASE/EMBAL

### –copyright line updated

The copyright information for EMBASE/LEMBASE/EMBAL has been updated. It now reads "Copyright © 2005 Elsevier B.V. All rights reserved."

The revised EMBASE/LEMBASE/EMBAL Database Summary Sheets are available at:
www.cas.org/ONLINE/DBSS/embasess.html
www.cas.org/ONLINE/DBSS/lembasess.html
www.cas.org/ONLINE/DBSS/embalss.html

## IFIPAT/IFICDB/IFIUDB

**–more records with Probable Patent Assignee (/PPA) field information**

IFIPAT/IFICDB/IFIUDB have been reloaded. Many more records of unassigned U.S. Published Applications (PGP) now have more information in the Probable Patent Assignee (/PPA) field. The "probable" company assignee name is based on data extracted from USPTO information sources.

This example includes the PPA field:

```
AN   10354681 IFIPAT;IFIUDB;IFICDB
TI   TOOL-LESS COUPLING SYSTEM FOR ELECTRONIC MODULES
INF  Allen; Joseph R., Tomball, TX, US
     Charoen; Dit, Houston, TX, US
     Coles; Henry C., Saratoga, CA, US
     Megason; George D., Spring, TX, US
IN   Allen Joseph R; Charoen Dit; Coles Henry C;
     Megason George D
PAF  Unassigned
PA   Unassigned or Assigned To Individual (68000)
PPA  Hewlett-Packard Co (Probable)
AG   Tait R. Swanson Fletcher, Yoder & Van Someren,
     P.O. Box 692289, Houston, TX, 77269-2289, US
```

The IFIPAT/IFICDB/IFIUDB Database Summary Sheets are available at:
www.cas.org/ONLINE/DBSS/ifipatss.html
www.cas.org/ONLINE/DBSS/ificdbss.html
www.cas.org/ONLINE/DBSS/ifiudbss.html

## LITALERT

**–added to AUTHORS database cluster**

LITALERT has been added to the AUTHORS database cluster.

A complete listing of database clusters is available at:
www.cas.org/ONLINE/CATALOG/CLUSTERS/cover.html

The LITALERT Database Summary Sheet is available at:
www.cas.org/ONLINE/DBSS/litalertss.html

## PATDPAFULL

**–added to AUTHORS database cluster**

PATDPAFULL has been added to the AUTHORS database cluster.

A complete listing of database clusters is available at:
www.cas.org/ONLINE/CATALOG/CLUSTERS/cover.html

The PATDPAFULL Database Summary Sheet is available at:
www.cas.org/ONLINE/DBSS/patdpafullss.html

## REGISTRY/ZREGISTRY

**–additional substances from CAS EARLY REGISTRATIONS; predicted properties enhanced with ACD version 8.0 software; block polymer nomenclature enhanced**

Approximately 300,000 substances are being added to the REGISTRY/ZREGISTRY family of databases with the Source of Registration (SR), "CAS EARLY REGISTRATIONS."

Predicted (also known as calculated) properties for approximately 17 million substances in REGISTRY will be re-calculated using REGISTRY connection tables and Advanced Chemistry Development Lab's (ACD) PhysChem Batch version 8.0 software. In addition, property values for pH 1-10 are being calculated whenever pH ranges apply. Values for several new properties are also being calculated, including:

- Mass or molar intrinsic solubility
- Molar volume
- Polar surface area
- Sum of hydrogen donors + hydrogen acceptors

Information about the algorithms used to calculate the property information is available on the ACD web site (www.acdlabs.com).

Effective September 3, 2005, predicted properties for all newly registered substances are now calculated with the new software. All properties in the backfile will be re-calculated over the course of several months until all predicted properties in REGISTRY are based on the version 8.0 software. For a given record, a footnote to the properties table indicates the version of the ACD software that was used.

This example displays the new pH conditions and predicted properties:

```
L4   ANSWER 5 OF 5  REGISTRY  COPYRIGHT 2005 ACS on
     STN
RN   40680-96-4  REGISTRY
CN   5-Benzofuranmethanol, 6-[2-
     (dimethylamino)ethoxy]-.alpha.-[2-(2-
     hydroxyphenyl)ethyl]-4,7-dimethoxy- (9CI)  (CA
     INDEX NAME)

Predicted Properties (PPROP)

PROPERTY (CODE)          | VALUE |   CONDITION     |NOTE
=========================+=======+=================+====
Bioconc. Factor (BCF)    |1.0    |pH 1  25 deg C   |(1)
Bioconc. Factor (BCF)    |1.0    |pH 2  25 deg C   |(1)
Bioconc. Factor (BCF)    |1.0    |pH 3  25 deg C   |(1)
Bioconc. Factor (BCF)    |1.0    |pH 4  25 deg C   |(1)
Bioconc. Factor (BCF)    |1.0    |pH 5  25 deg C   |(1)
Bioconc. Factor (BCF)    |1.0    |pH 6  25 deg C   |(1)
Bioconc. Factor (BCF)    |1.34   |pH 7  25 deg C   |(1)
Bioconc. Factor (BCF)    |9.68   |pH 8  25 deg C   |(1)
Bioconc. Factor (BCF)    |25.77  |pH 9  25 deg C   |(1)
Bioconc. Factor (BCF)    |21.61  |pH 10 25 deg C   |(1)
                           .
                           .
                           .

Hydrogen Donors/         |9      |                 |(1)
 Acceptors Sum (HDAS)    |       |                 |
Molar Intrinsic          |0.00020|25 deg C         |(1)
 Solubility              |mol/L  |                 |
 (ISLB.MOL)              |       |                 |
Molar Volume (MVOL)      |341.8  |20 deg C         |(1)
                         |+/-3.0 |760 Torr         |
                         |cm**3/ |                 |
                         |mol    |                 |
Polar Surface Area (PSA)|84.53  |                 |(1)
                         |A**2   |                 |

                           .
                           .
                           .

This substance may exist in multiple tautomeric forms.
The property values in this table are calculated based
upon the displayed form and may therefore differ from
experimental values based on the actual tautomeric
ratio at equilibrium.

(1)  Calculated using Advanced Chemistry Development
(ACD/Labs) Software V8.14 ((C) 1994-2005 ACD/Labs)
```

The note concerning tautomers near the end of the display applies only to those molecules that contain a tautomeric bond.

Information on property searching in REGISTRY is available at:
www.cas.org/ONLINE/UG/regprops.html

The addition of more precise nomenclature to the Chemical Name (/CN) field for block polymers, which began in June 2004, has been completed.

Searches for block polymers in REGISTRY are more precise by including specific terms such as diblock or pentablock. For block polymer registrations from 1987 to the present, supplementary records have been created in which the CA Index Name (IN) field includes one of the following terms:

- Diblock
- Pentablock
- Stereoblock
- Tetrablock
- Triblock

Additional records with the term stereoblock have been created, when appropriate, for registrations from 1967 to the present.

Example of the original registration for a block polymer:

```
L3   ANSWER 10 OF 13  REGISTRY  COPYRIGHT 2005 ACS
     on STN
RN   106107-54-4  REGISTRY
IN   Benzene, ethenyl-, polymer with 1,3-butadiene,
     block (9CI)
```

Examples of supplementary registrations:

```
L3   ANSWER 6 OF 13  REGISTRY  COPYRIGHT 2005 ACS
     on STN
RN   709030-56-8  REGISTRY
IN   Benzene, ethenyl-, polymer with 1,3-butadiene,
     pentablock (9CI)

L3   ANSWER 7 OF 13  REGISTRY  COPYRIGHT 2005 ACS
     on STN
RN   709030-54-6  REGISTRY
IN   Benzene, ethenyl-, polymer with 1,3-butadiene,
     diblock (9CI)

L3   ANSWER 8 OF 13  REGISTRY  COPYRIGHT 2005 ACS
     on STN
RN   709030-21-7  REGISTRY
IN   Benzene, ethenyl-, polymer with 1,3-butadiene,
     tetrablock (9CI)

L3   ANSWER 9 OF 13  REGISTRY  COPYRIGHT 2005 ACS
     on STN
RN   694491-73-1  REGISTRY
IN   Benzene, ethenyl-, polymer with 1,3-butadiene,
     triblock (9CI)
```

The REGISTRY/ZREGISTRY Database Summary Sheets are available at:
www.cas.org/ONLINE/DBSS/registryss.html
www.cas.org/ONLINE/DBSS/zregistryss.html

# STN on the Web structure uploading and transcripts enhanced

Two enhancements have been made to STN on the Web:

- Multiple structures can now be uploaded in the Structure Drawing application.

  To upload multiple structures at one time, select **File > Upload Multiple Queries**.

- Transcripts are now easier to use:

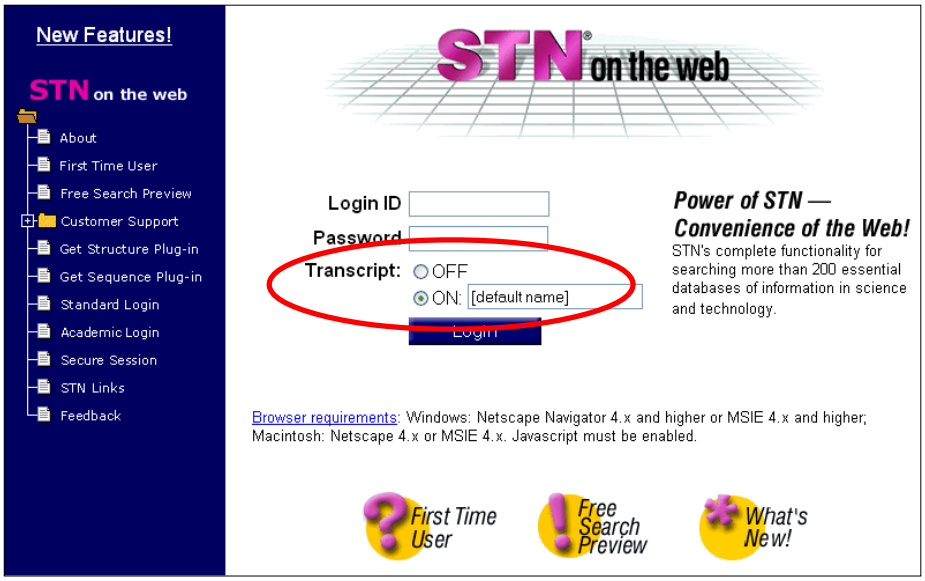
  Transcript Name and Transcript Capture Status, i.e., ON, OFF, can now be specified at login.

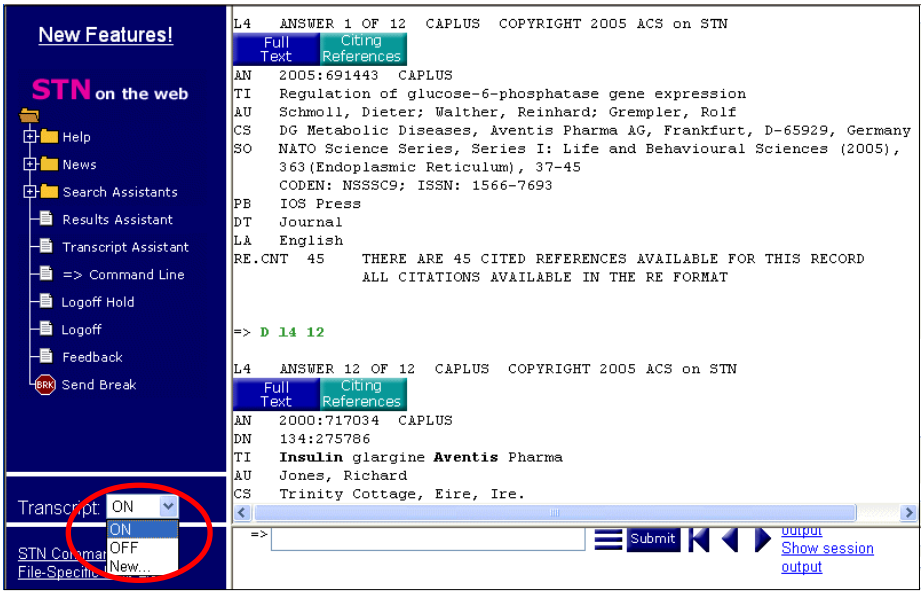
  A single STN on the Web session can now be split into multiple transcripts.

  Transcript Capture Status can now be changed without entering the Transcript Assistant.

  Splitting a session and changing the Transcript Capture Status can be accomplished by using the new **Transcript** drop-down box in the left-hand navigation frame.

**Splitting a session and changing the Transcript Capture Status can be accomplished by using the new Transcript drop-down box.**



# Finding block polymers in REGISTRY

## Q. How can I search for a certain type of a block polymer?

## A. You can easily restrict your search to various types of block polymers, e.g., pentablock, by including those terms in the Basic Index (/BI).

In September 2005, CAS completed the addition of more precise nomenclature for block polymers, making it possible to search for various types of block polymers. For block polymer registrations from 1987 to the present, REGISTRY now includes supplementary records in which the CA Index Name (IN) field may include one of the following terms:

- Diblock
- Triblock
- Tetrablock
- Pentablock

Additional records with the term "stereoblock" have been created, when appropriate, for registrations from 1967 to the present.

The following example shows how easy it is to search for specific types of block polymers.

**Find block copolymers of 1,3 butadiene and styrene.**

```
=> FILE REGISTRY

=> S 1,3-BUTADIENE/CN
L1           1 1,3-BUTADIENE/CN

=> D

L1   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2005 ACS on STN
RN   106-99-0  REGISTRY
ED   Entered STN:  16 Nov 1984
CN   1,3-Butadiene (8CI, 9CI)  (CA INDEX NAME)
                        .
                        .
                        .


=> S STYRENE/CN
L2           1 STYRENE/CN

=> D

L2   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2005 ACS on STN
RN   100-42-5  REGISTRY
ED   Entered STN:  16 Nov 1984
CN   Benzene, ethenyl- (9CI)  (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN   Styrene (8CI)
                        .
                        .
                        .

=> S 106-99-0/CRN AND 100-42-5/CRN AND 2/NC
L3          24 106-99-0/CRN AND 100-42-5/CRN AND 2/NC

=> S L3 AND BLOCK
L4          13 L3 AND BLOCK
```

*Enter REGISTRY.*

*Find the CAS Registry Number for 1,3-butadiene.*

*Find the CAS Registry Number for styrene.*

*Find the copolymers by searching the CAS Registry Numbers of the monomers in the Component CAS Registry Number (/CRN) field. Restrict to 2-component polymers by searching 2/NC.*

*Add the "block" term in the Basic Index to retrieve only block copolymers.*

*Use D SCAN to view CA Index Names for some of the records.*

```
=> D SCAN IN

L4   13 ANSWERS   REGISTRY  COPYRIGHT 2005 ACS on STN
IN   Benzene, ethenyl-, polymer with 1,3-butadiene,
     isotactic, block (9CI)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):4

L4   13 ANSWERS   REGISTRY  COPYRIGHT 2005 ACS on STN
IN   Benzene, ethenyl-, polymer with 1,3-butadiene,
     triblock (9CI)

L4   13 ANSWERS   REGISTRY  COPYRIGHT 2005 ACS on STN
IN   Benzene, ethenyl-, polymer with 1,3-butadiene,
     diblock (9CI)

L4   13 ANSWERS   REGISTRY  COPYRIGHT 2005 ACS on STN
IN   Benzene, ethenyl-, polymer with 1,3-butadiene,
     isotactic, diblock (9CI)

L4   13 ANSWERS   REGISTRY  COPYRIGHT 2005 ACS on STN
IN   Benzene, ethenyl-, polymer with 1,3-butadiene,
     syndiotactic, pentablock (9CI)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0
```

*To restrict results to pentablock polymers, search "pentablock" in the Basic Index.*

```
=> S L3 AND PENTABLOCK
            57 PENTABLOCK
L5           2 L3 AND PENTABLOCK
```

*Display some records.*

```
=> D RN CN 1-2

L5   ANSWER 1 OF 2  REGISTRY  COPYRIGHT 2005 ACS on STN
RN   853997-61-2  REGISTRY
CN   Benzene, ethenyl-, polymer with 1,3-butadiene,
     syndiotactic, pentablock (9CI)  (CA INDEX NAME)
OTHER NAMES:
CN   Butadiene-syndiotactic styrene pentablock copolymer

L5   ANSWER 2 OF 2  REGISTRY  COPYRIGHT 2005 ACS on STN
RN   709030-56-8  REGISTRY
CN   Benzene, ethenyl-, polymer with 1,3-butadiene,
     pentablock (9CI) (CA INDEX NAME)
OTHER NAMES:
CN   Butadiene-styrene pentablock copolymer
```

### Additional resources

For more information on searching REGISTRY, refer to the Database Summary Sheet:
www.cas.org/ONLINE/DBSS/registryss.html

# STN AnaVist makes data grouping effortless

One powerful feature in STN AnaVist is data grouping. A company name thesaurus groups companies and company name variations prior to analysis. You can also create custom groupings of company and researcher names and keep those groupings for future use.

### Accessing the Term Editor

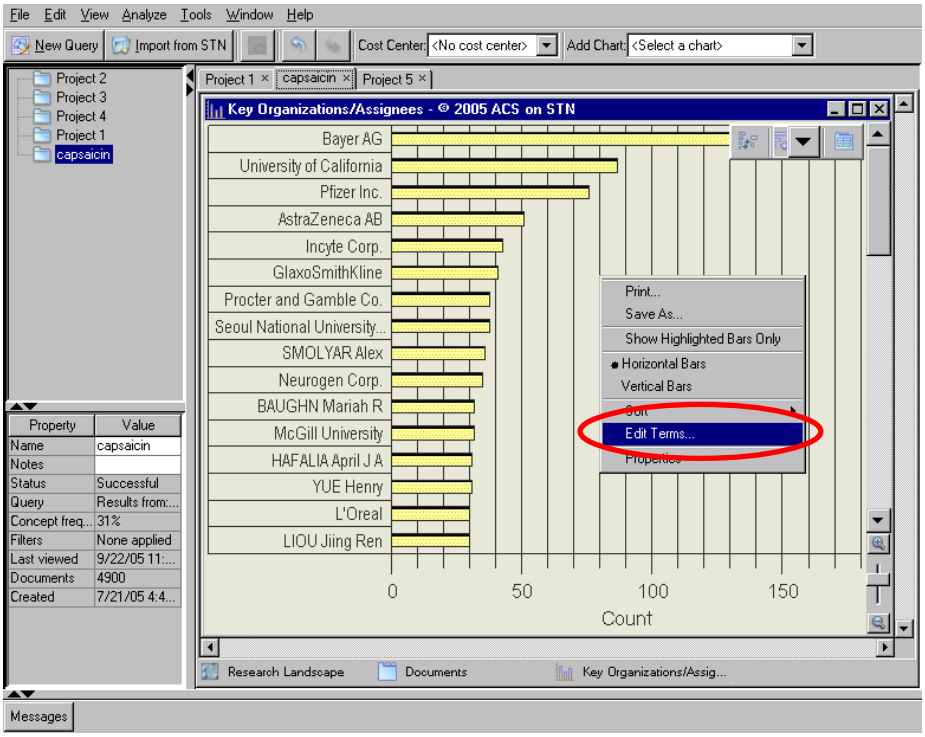
Terms within any chart can be edited. To display the Term Editor, right-click within the chart and select **Edit Terms.**

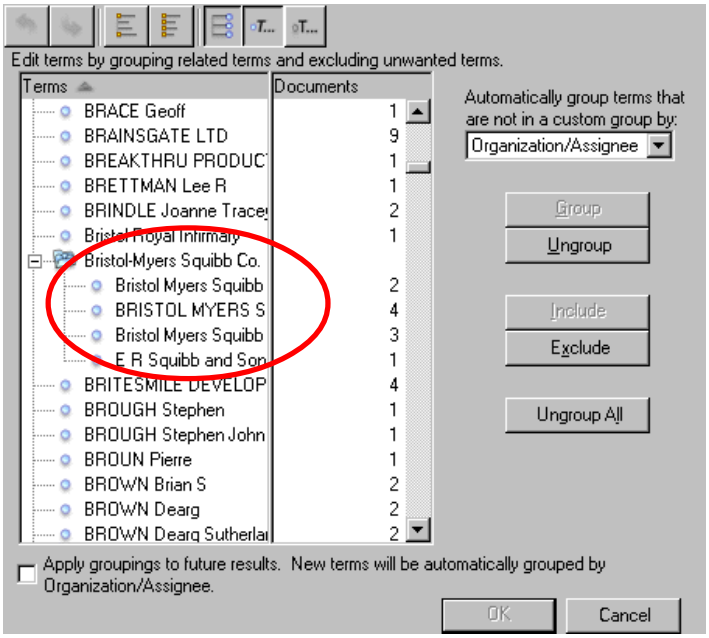
### Automatic groupings

STN AnaVist uses an intellectually created CAS company name thesaurus to automatically group companies and name variations. At the present, the thesaurus can be used for about 30,000 companies and for some leading academic institutions. It is updated regularly.

Notice the names automatically grouped for Bristol-Myers Squibb Co.

You can keep the automatic groupings or ungroup them by selecting **None** from the drop-down menu at the right.



## The CAS company name thesaurus automatically groups companies and name variations prior to analysis. You can also create custom groups and save them for future use.

### Custom Groupings

You can create your own groups of similar terms. Simply highlight those terms and click **Group**. You can likewise ungroup terms by using the **Ungroup** button.

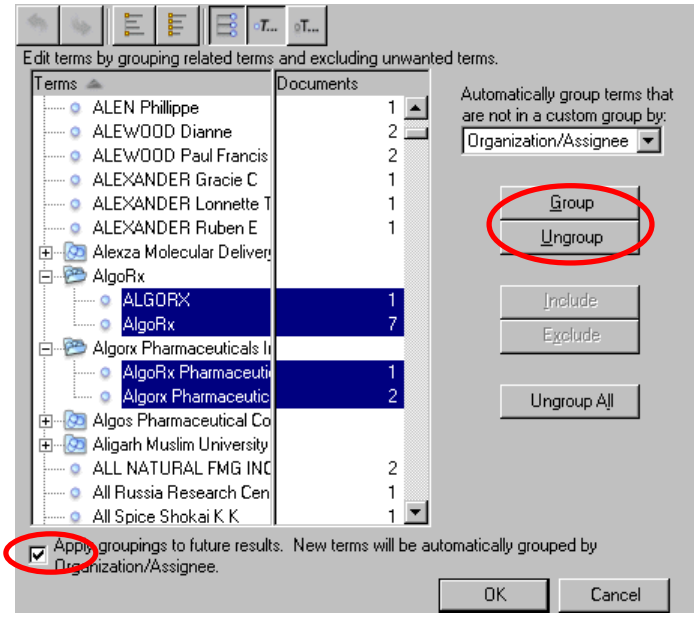
### Saving Custom Groupings

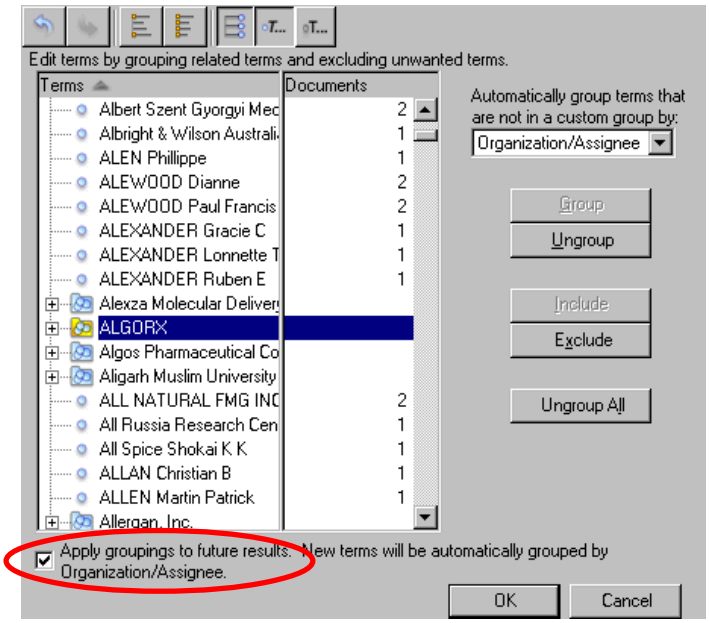
When you are finished grouping terms, you can save them for future visualizations by selecting the check box at the bottom. Then click **OK** to apply the new groupings to your current, as well as future, visualization.

### Additional resources

For more information about data grouping, see:

- The recorded tutorial, *Using the Custom Grouping Capabilities in STN AnaVist*, available at: https://casevents.webex.com/casevents/onstage/tool/record/viewrecording1.php?EventID=277370587&Rnd=0.7627628110029019
- STN AnaVist Help files (available from the **Help** menu)



# BEILSTEIN: A source for life science information

BEILSTEIN is an important structure and factual database that contains fully searchable chemical structures and associated properties from the literature from 1779 to the present. But how is BEILSTEIN used for searching life science information?

In the past, a question for BEILSTEIN might be: *What happens if a chemical compound reacts with another chemical compound?* Today the scope has changed and the question might be expanded to: *What happens to a chemical entity if it reacts with something else (human beings, any test system, environmental components, etc.)?*

Numeric and descriptive data on pharmacology, toxicology, and ecological chemistry provide, in combination with the chemical and physicochemical properties, information that is highly important for pharmaceutical, biotechnological, and environmental research applications.

## Seamless integration of important life science information

Besides the well-known segments—substance identification, reactions, and physical and chemical properties—BEILSTEIN contains:

### Substances

In the areas of pharmacology, toxicology, and ecological chemistry, researchers often deal with substances other than classical organics with defined structures. Biomolecules (e.g., enzymes, hormones), mixtures of components, and polymers may be involved. Such substances may have inexact or unknown structures.

**Numeric and descriptive data on pharmacology, toxicology, and ecological chemistry provide information that is highly important for pharmaceutical, biotechnological, and environmental research applications.**

**Sample record with pharmacological (physiological) data.**

```
Chemical Name (CN):              6.beta.-<3-(2-chloro-phenyl)-5-methyl-
                                 isoxazole-4-carbonylamino>-penicillanic
                                 acid, cloxacillin,<3-(2-chloro-phenyl)-
                                 5-methylisoxazol-4-yl>-penicillin
PHARM
  Effect (.E):                   pharmacokinetics
  Species or Test-System (.SP):  human
  Sex (.S):                      not specified
  Route of Application (.RA):    intravenous
  Concentration (.C):            2 g
  Kind of Dosing (.KD):          every 4 h together with gentamicin i.v.
                                 at 80 mg every 8 h
  Exposure Period (.EX):         2 week(s)
  Method, Remarks (.MR):         8 patients with right-sided endocarditis,
                                 caused by Staphylococcus aureus...
  Further Details (.FD):         drug levels in serum; agar biodiffusion
                                 assay; serum bactericidal titer (SBT)
  Results (.RE):                 serum antibiotic levels (peak/trough):
                                 13- >100/3.2-50 .my.g/ml; SBT peak/
                                 trough): 1/128-1/16 / 1/64-1/4;
                                 discrepancies in drug levels in serum
                                 probably due to nature of therapy)
                                 with adequate SBTs
  Reference(s):
  1. Fortun, Jesus; Perez-Molina, Jose A.; Anon, Maria Teresa;
  Martinez-Beltran, Jesus; Loza, Elena; Guerrero, Antonio,
  Antimicrob.Agents & Chemother., CODEN: AMACCQ, 39(2), <1995>, 525 -
  528; BABS-6154721

AN   6154721  BABS
TI   Right-Sided Endocarditis Caused by Staphylococcus aureus in Drug
     Abusers
AU   Fortun, Jesus; Perez-Molina, Jose A.; Anon, Maria Teresa;
     Martinez-Beltran, Jesus; Loza, Elena; Guerrero, Antonio
SO   Antimicrob.Agents & Chemother. (1995), 39(2), 525 - 528
     CODEN: AMACCQ
DT   Journal
LA   English
SL   English
AB   A prospective, open, and randomized study of right-sided endocarditis
                                 :
                                 :
                                 :
```

**Sample record with ecotoxicology data.**

```
Chemical Name (CN):              (2,4-dichloro-phenyl)-(4-nitro-phenyl)-
                                 ether, nitrofen
ECTOX
  Effect (.E):                   toxicity to invertebrates
  Species or Test-System (.SP):  Selenastrum capricornutum, green alga
  Method, Remarks (.MR):         rapid microplate assay;
                                 T: 28-30 deg C,
                                 light intensity 18-24 .my.E/m2/sec;
                                 optical densities measured at 24-h
                                 intervals for 5 d at 650 nm; in MeOH
  Type (.TYP):                   Lowest-Complete-Inhibition
                                 Concentration
  Value of Type (.V):            100 .my.mol/l
  Reference(s):
  1. Schrader, K. K.; Harries, M. D., Bull.Environ.Contam.Toxicol.,
  CODEN: BECTA6, 66(6), <2001>, 801 - 807; BABS-6298038
```

## Pharmacology

Pharmacological data focuses on human and mammalian pharmacology and toxicology. Both therapeutic and toxic effects of chemical substances (pharmacodynamics) and studies on pharmacokinetics are included in BEILSTEIN. Records contain detailed information on:

- Investigated effect and its endpoint
- Test conditions such as species, route of application, dosing methodology, concentration, exposure period, etc.
- Test results in the form of standard parameters such as LD50, IC50, LOEC, or in the form of free text.

## Toxicology

Toxicological Data can be split into human toxicology, which is covered by pharmacological data, and ecotoxicology. The latter concentrates on the toxic effects of chemical substances on species that are indicators for the degree of pollution in an ecosystem. Records also contain numeric toxicology data:

- LD50/LC50
- ID50/IC50
- CD50/CT50
- TD50/TC50
- PD50
- LT50
- LOEC

## Ecological chemistry

The extent of contamination of the environment, i.e., water, air, and soil, can be judged by measuring the toxic effects (ecotoxicity) on certain indicator species, e.g., daphnia and fish for water, earthworms for soil, and birds for air. BEILSTEIN data also includes exposure, mobility, transformation, and degradation. Records contain detailed information on:

- Degradation
- Ecotoxicology
- Exposure
- Mobility
- Oxygen demand
- Stability in soil
- Transportation

## EcoPharm-related physical data

Physical properties such as the Henry constant, *n*-octanol/water partition coefficient, solubility, viscosity, and vapor pressure are very important for studying the inter-relationship of chemical structures and its environmental behavior. These properties enable us to understand the molecular interactions that govern phase transfer processes in a macroscopic natural system. Knowledge of toxic pharmacological or environmental effects of potential intermediates can be used to select an appropriate synthesis plan for a desired substance. Records contain detailed information on:

- Absorption
- Boiling point
- Henry constant
- Melting point
- Solubility
- Vapour pressure
- Viscosity

BEILSTEIN includes information relating to isolation from natural products. The Isolation from Natural Product (INP) field contains names of the source in nature, e.g., plant, fungus, animal, or an industrial grade natural product from which compounds have been isolated.

## Additional resources

For more information, refer to the BEILSTEIN Database Summary Sheet at: www.cas.org/ONLINE/DBSS/beilsteinss.html

# Take Note

## Previously recorded CAS e-Seminars and tutorials available

Previously recorded CAS e-Seminars and tutorials are available for your viewing convenience around the clock. Recorded events, including both video and audio, that are currently available include:

**STN AnaVist**
- STN: Introduction to STN AnaVist
- Creating Result Sets for Use in STN AnaVist
- Going Beyond Basic Navigation on STN AnaVist
- Using the Custom Grouping Capabilities in STN AnaVist
- Using the STN AnaVist Interactive Visualization Workspace

**STN Express with *Discover!***
- STN: What's New with STN Express?
- STN: Visualization Tools in STN Express with *Discover!*, Analysis Edition (Version 7.01)
- STN: Post-processing Search Results with the Analysis Edition of STN Express with *Discover!* (Version 7.0)

**Structure Techniques**
- STN: Structure and Substructure Searching Tips
- STN: Advanced Structure Search Techniques – Ring Information
- STN: Advanced Structure Searching with Filters/Screens
- STN: Introduction to Polymers
- STN: Finding Post-Treated and Blended Polymers
- STN: Organometallics and Coordination Compounds
- STN: Reaction Searching
- STN: All About MARPAT
- STN: Advanced MARPAT Techniques
- STN: Stereochemistry in the CAS Registry File

**Patent Searching**
- STN: Increasing Confidence in Search Results
- STN: Expanding Your Prior Art Search with Controlled Terminology
- STN: Searching for Patent Families
- STN: Patent Citation Searching
- STN: Improving Searches by Including Patent Classification Codes
- STN: Biotech Patent Validity Tips
- STN: "Biotextology" – Text Search Techniques for Biological Information

**Miscellaneous**
- STN: Have It Your Way – Customizing Your STN Account
- STN: Automating Your Search
- STN: Multiple Methods of Keeping Current
- STN: Finding Regulatory Information
- STN: Strategies for Finding Novel Formulations
- STN: Using the Cambridge Scientific Abstract (CSA) Files

For descriptions or to view an event, visit:
casevents.webex.com

## Revised CAS Information Use Policies available

Revised CAS Information Use Policies have been issued and are available for your review at www.cas.org/infopolicy.html.

The new policies went into effect October 17, 2005.

CAS has worked with customers to address concerns regarding the CAS Information Use Policies issued in April 2005. Based on this feedback, the new CAS Information Use Policies address appropriate use of CAS information including:

- Post-processing – More clarity regarding what can be done with CAS data in a post-processing environment
- Record retention – Retain records in accordance with your organization's retention policy
- Merging of CAS data during post-processing – CAS data can now be merged with other data
- Use of CAS data in third-party analysis and visualization tools – CAS provides a way for you to obtain CAS data for use in third-party analysis and visualization tools through:
  - A new feature that allows you to export/download CAplus records via STN AnaVist
  - The CAS Connection Table Service via Science IP® for chemical structures

For both options, separate terms and conditions apply, as well as additional fees. For Science IP pricing, visit www.scienceip.org/pricelist.html. For STN AnaVist pricing, visit www.cas.org/stnanavist/prices.html. For more information about STN AnaVist, Version 1.01, visit www.cas.org/stnanavist/.

All CAS contracts and product licenses reference the new CAS Information Use Policies.


***STNews***

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# Take Note

## STN Easy® and STN Easy® for Intranets℠ enhanced with additional patent databases

The following patent databases have been added to STN Easy and STN Easy for Intranets:

| Database | Category |
|---|---|
| RUSSIAPAT (Russian Patent Abstracts) | Patents; Patents, National |
| PATDPASPC (German Supplementary Protection Certificates for Drugs and Plant Protection Agents) | Patents; Patents, National; Pharmaceuticals |

In addition, NAPRALERT has been added to the Toxicology database category.

## Open Access* articles now available via ChemPort®

ChemPort's "Direct to Document" feature now links to Open Access articles from these two sources:

- HighWire Press – Provides Open Access articles from over 300 journals in science and medicine. Articles are free after an embargo period that varies by journal. Visit highwire.stanford.edu/lists/freeart.dtl for a list of the journals, as well as a definition of the embargo period for each journal.
- Los Alamos National Labs (LANL) – Provides over 300,000 articles in physics, astronomy, computer sciences, and related fields. There is no embargo period for these journals.

HighWire Press and LANL, as well as other providers such as the USPTO and esp@cenet®, have provided free documents for many years. The term "Open Access" is a commonly used label for free content.

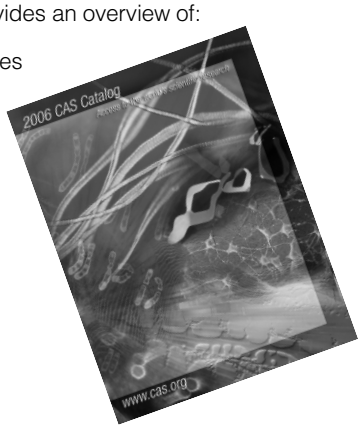
For several years, ChemPort has provided links to content at HighWire; however, ChemPort was unable to distinguish free content from that which required a subscription. Now ChemPort makes that distinction and provides more free articles via the Direct to Document feature. All LANL content is free and is also presented via the Direct to Document feature.

*Open Access is a widely debated topic in the scientific, technical, and medical publishing communities. Open Access has several definitions; for its purposes, CAS defines Open Access as documents that can be obtained at no charge on the Internet.

## Pre-order your 2006 CAS Catalog

The 2006 CAS Catalog provides an overview of:

- CAS products and services
- STN databases
- STN database clusters
- STN database producers
- CAS Customer Care contact information
- And more

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To receive the catalog in early 2006, complete the enclosed postcard and return it to CAS Customer Care by either:

- Mail (the address is printed on the postcard)
- Fax at 614-447-3751

Or, contact CAS Customer Care at help@cas.org. Be sure to include your name and complete address with your request. Also, indicate whether you would like to receive the catalog in print or on CD-ROM.

## 2005 CAS exhibits

***www.cas.org/exhibit.html***

**CPhI**
November 1-3
Madrid, Spain

**BioNorth '05**
November 28-30
Ottawa, Ontario, Canada

**SERM & SWRM – ACS**
November 1-4
Memphis, Tennessee

**Online Information 2005**
November 29 - December 1
London, England

**EPIDOS**
November 8-10
Budapest, Hungary

**PacifiChem**
December 15-20
Honolulu, Hawaii

# Take Note

## STNewsline—did you sign up?

STNewsline, our electronic newsletter, is published every month. Are you receiving it?

You are not automatically signed up to receive STNewsline just because you receive *STNews*. We need your e-mail address to send it to you.

To receive the latest news about STN by e-mail, visit:

**www.cas.org/STNEWS/signup.html**

Or, complete this form and fax it to: *STNews* Editor, 614-447-3837.

❑ **YES! Sign me up to receive STNewsline:**

NAME

E-MAIL ADDRESS

ORGANIZATION

COUNTRY


## STNews binders available

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To request your free binders, contact CAS Customer Care at help@cas.org. Be sure to include your name and complete address with your request.

## CAS contacts

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| **E-mail:** | **help@cas.org** |
| **CAS web page:** | **www.cas.org** |
| **STN web page:** | **www.cas.org/stn.html** |
| **Information Professionals:** | **www.cas.org/infopro/** |
| **Patent Information on STN:** | **www.cas.org/patents/** |
| ***STNews*:** | **www.cas.org/STNEWS/stnewscover.html** |
| ***STNews* back issues:** | **www.cas.org/STNEWS/backissue.html** |

# STN Seminars

## 2005 STN instructor-led seminar

***www.cas.org/training/schedule.html***

**Minneapolis, Minnesota**
11/15 9:00 a.m.- 3:30 p.m. STN User Update

All STN instructor-led seminars in North America are free, but registration is required.

To register, visit:
www.cas.org/training/regform.html

## 2005 CAS e-Seminars

***www.cas.org/training/schedule.html***

| | | |
|---|---|---|
| 11/10 | 8:30-9:30 a.m. | STN: Finding Clinical Trial and Drug Pipeline Information (rebroadcast) |
| 11/29 | 1:00-2:00 p.m. | STN: Multifile Patent Searching |
| 12/8 | 8:30-9:30 a.m. | STN: Multifile Patent Searching (rebroadcast) |
| 12/13 | 1:00-2:00 p.m. | STN: Using Boolean Operators in Structure Searching |

All times are U.S. Eastern Time.

For a description of each e-Seminar and to register, visit:
https://casevents.webex.com/casevents/onstage/searchecchemical.php?CPRO=STN&CAUD=a1e52027267c

## Thomson Derwent on STN training

***www.stn-international.com/training_center/workshops/derwent_ws.html***

**Boston, Massachusetts**

| | | |
|---|---|---|
| 11/17 | 9:00 a.m.-4:30 p.m. | Derwent World Patents Index (DWPI) on STN |
| 11/18 | 9:00 a.m.-12:00 p.m. | GENESEQ™ (DGENE) on STN |
| 11/18 | 1:00 p.m.-4:30 p.m. | DWPI for Competitive Intelligence on STN |

**New York, New York**

| | | |
|---|---|---|
| 11/22 | 9:00 a.m.-4:30 p.m. | Derwent World Patents Index on STN |
| 11/23 | 9:00 a.m.-12:00 p.m. | GENESEQ (DGENE) on STN |
| 11/23 | 1:00 p.m.-4:30 p.m. | DWPI for Competitive Intelligence on STN |

**Philadelphia, Pennsylvania**

| | | |
|---|---|---|
| 11/28 | 9:00 a.m.-4:30 p.m. | Derwent World Patents Index on STN |
| 11/29 | 9:00 a.m.-12:00 p.m. | GENESEQ (DGENE) on STN |
| 11/29 | 1:00 p.m.-4:30 p.m. | DWPI for Competitive Intelligence on STN |

**Washington, DC**

| | | |
|---|---|---|
| 12/1 | 9:00 a.m.-4:30 p.m. | Derwent World Patents Index on STN |
| 12/2 | 9:00 a.m.-12:00 p.m. | GENESEQ (DGENE) on STN |
| 12/2 | 1:00 p.m.-4:30 p.m. | DWPI for Competitive Intelligence on STN |

Times listed above reflect the local time for each city.

The workshops are free, but registration is required.

For a full description of the workshops, visit:
scientific.thomson.com/support/training/workshops/ussched/#STN

For details about how to register, visit:
scientific.thomson.com/forms/ustrainstn/

# In This Issue

## Feature



## Database News



## STN on the Web



## Ask REGgie



## STN AnaVist Avenue



## Power Up



## Take Note



## STN Seminars



## Included with this issue

AEROSPACE, HODOC, IFICLS, INSPEC Database Summary Sheets, 2006 CAS Catalog postcard.

*In case you missed it:*

## STNews May/June

- STN Express with *Discover!*, Analysis Edition, Version 8.0 offers enhanced results analysis, increased security, improved post-processing capabilities, and more
- New STN AnaVist analysis and visualization software provides unique insights into trends and patterns in scientific and patent information
- New database on STN: RUSSIAPAT
- Monitoring legal status in INPADOC
- Broadening your search using current U.S. patent classifications
- Tips for chemistry searching in INSPEC

## STNews July/August

- STN AnaVist—Powerful new analysis and visualization software
- Searching for properties with the CAS Registry Number Wizard
- SCISEARCH... analyzing a NOBEL prize winner
- Using the Save for STN AnaVist Wizard
- Monitoring patent families in INPADOC
- BEILSTEIN's Hidden Treasure: early patents

You can find it easily by searching the CAS web site at:
www.cas.org/websearch.html


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