

## LIFESCI (Life Sciences Collection)

<b>Subject Coverage</b>	<ul style="list-style-type: none"> <li>• Animal Behavior</li> <li>• Bacteriology</li> <li>• Biochemistry</li> <li>• Biotechnology</li> <li>• Calcified Tissues</li> <li>• Chemoreception</li> </ul>	<ul style="list-style-type: none"> <li>• Ecology</li> <li>• Endocrinology</li> <li>• Entomology</li> <li>• Genetics</li> <li>• Human Genome</li> <li>• Immunology</li> </ul>	<ul style="list-style-type: none"> <li>• Marine biology</li> <li>• Microbiology</li> <li>• Neurosciences</li> <li>• Oncogenes</li> <li>• Toxicology</li> <li>• Virology and AIDS</li> </ul>
<b>File Type</b>	Bibliographic		
<b>Features</b>	<a href="#">Alerts (SDIs)</a> Monthly <a href="#">CAS Registry Numbers®</a> <input checked="" type="checkbox"/> <a href="#">Keep &amp; Share</a> <input checked="" type="checkbox"/> Learning Database <input type="checkbox"/>	<input type="checkbox"/> Page Images <a href="#">SLART</a> <input type="checkbox"/> Structures <input type="checkbox"/>	<input type="checkbox"/> <a href="#">STN AnaVist</a> <input type="checkbox"/> <a href="#">STN Easy</a> <input type="checkbox"/> <a href="#">STN Viewer</a>
<b>Record Content</b>	<ul style="list-style-type: none"> <li>• <b>LIFESCI</b> (Life Sciences Collection) is a bibliographic database from Cambridge Scientific Abstracts that provides broad coverage of international scientific research in different fields of life sciences, including animal behavior, biochemistry, biotechnology, ecology, genetics, and immunology.</li> <li>• Records include bibliographic information, indexing terms, and abstracts.</li> </ul>		
<b>File Size</b>	<ul style="list-style-type: none"> <li>• More than 4,151,411 records (10/2010)</li> </ul>		
<b>Coverage</b>	<ul style="list-style-type: none"> <li>• 1978 to present</li> </ul>		
<b>Updates</b>	<ul style="list-style-type: none"> <li>• Updated monthly with approximately 9,500 records</li> </ul>		
<b>Language</b>	English		
<b>Database Producer</b>	CSA 7200 Wisconsin Avenue Bethesda, MD 20814 USA Phone: (800) 843-7751 Phone: (301)961-6700 Fax: (301)961-6720 E-mail: support@csa.com		
<b>Sources</b>	<ul style="list-style-type: none"> <li>• Books</li> <li>• Conference Proceedings</li> <li>• Journals</li> <li>• Patents</li> <li>• Research Reports</li> </ul>		
<b>User Aids</b>	<ul style="list-style-type: none"> <li>• Cambridge Scientific Abstracts User's Manual (available from the producer)</li> <li>• Online Helps (HELP DIRECTORY lists all help messages available)</li> <li>• STNGUIDE</li> <li>• <a href="#">STN Database Guide</a></li> </ul>		

**Clusters**

- [AGRICULTURE](#)
  - [ALLBIB](#)
  - [AUTHORS](#)
  - [BIOSCIENCE](#)
  - [CORPSOURCE](#)
  - [CSAALL](#)
  - [ENVIRONMENT](#)
  - [HEALTH](#)
  - [MEDICINE](#)
  - [MEETINGS](#)
  - [PHARMACOLOGY](#)
  - [TOXICOLOGY](#)
- 

**Pricing**

See the [STN Price List](#) or enter HELP COST at an arrow prompt (=>).

---

## Search and Display Field Codes

There are no fields that allow left truncation in this file.

Search Field Name	Search Code	Search Examples	Display Codes
Basic Index (contains single words from the title (TI), uncontrolled term (UT), and abstract (AB) fields)	None (or /BI)	S ALZHEIMER S HUMAN IMMUNODEF? S COLONY (L) FACTOR S RECEPTOR (S) CHANNEL#	AB, TI, UT
Accession Number	/AN	S 91:943/AN S 1998:1234/AN	AN
Author	/AU	S TOMASSELLI, A G/AU	AU
Classification Code (1) (code and text)	/CC	S 16860/CC S GROWTH FACTORS/CC	CC
Corporate Source (1) (includes name, location, e-mail address)	/CS	S UPJOHN/CS S MT SINAI/CS S CWRU.EDU/CS	CS
Document Type (code and text)	/DT (or /TC)	S BOOK/DT S C/DT	DT, TC
Entry Date (2)	/ED (or /UP)	S L1 AND ED20000100	Not displayed
Field Availability	/FA	S AB/FA	Not displayed
File Segment (code and text)	/FS	S V/FS S VIROLOGY ABSTRACTS/FS	FS ISN, SO
International Standard (Document) Number (contains ISBN and ISSN)	/ISN	S 92-4-1571217/ISN S 0021-9967/ISN	
Journal Title	/JT	S J BIOL CHEM/JT	JT, SO
Language (code and text)	/LA	S EN/LA S ENGLISH/LA	LA
Meeting Date (2,3)	/MD	S JUN 1, 2000-DEC 31, 2000/MD	MD, SO
Meeting Location	/ML	S MIAMI/ML	ML, SO
Meeting Title	/MT	S SOCIETY OF TOXICOL?/MT	MT, SO
Meeting Year (2)	/MY	S 1999-2000/MY	MD, SO
Patent Country	/PC	S US/PC	PI
Patent Number	/PN	S US4877613/PN	PI
Publication Date (2)	/PD	S PD19990100	PI, SO
Publication Year (2)	/PY	S 2000/PY	PI, PY, SO
Report Number	/NR	S EPA-600-1-81-017/NR	NR, SO
Source (contains journal title, meeting information, collation (volume, issue, pagination), publication date, publisher and location, report number, ISSN, and ISBN)	/SO	S (J BIOL CHEM and VOL 275)/SO	SO
Summary Language (code and text)	/SL	S FRENCH/SL S FR/SL	SL
Title	/TI	S PESTICIDE# IN DRINKING WATER/TI	TI

(1) Search with implied (S) proximity is available in this field.

(2) Numeric search field that may be searched using numeric operators or ranges.

(3) When the meeting date is multiple days, e.g., 22-24 Jun 2000, only the first and last days are considered in the search. Therefore, a search on Jun 23, 2000 would not retrieve this record. Range searches that would include either date would retrieve the record.

**LIFESCI****DISPLAY and PRINT Formats**

Any combination of formats may be used to display or print answers. Multiple codes must be separated by commas or spaces, e.g., D L1 1-5 TI AU. The fields are displayed or printed in the order requested.

Hit-term highlighting is available in all fields except PY. Highlighting must be ON during SEARCH in order to use the HIT, KWIC, and OCC formats.

<b>Format</b>	<b>Content</b>	<b>Examples</b>
AB	Abstract	D L4 1-4 AB
AN	Accession Number	D L1 3 AN
AU	Author	D AU 1,3-5
CC	Classification Code	D CC 5-10
CS	Corporate Source	D 1-3,7,8 CS
DT	Document Type	D DT
FS	File Segment	D FS 1-5
ISN (1)	International Standard (Document) Number (ISBN, ISSN)	D L1 ISN 3
JT (1)	Journal Title	D 1,3,6,8 JT L5
LA	Language	D LA
MD (1)	Meeting Date	D MD 2
ML (1)	Meeting Location	D L8 ML 1-3
MT (1)	Meeting Title	D 1,4 MT
NR (1)	Report Number	D L1 NR
PI	Patent Information	D PI L1 4
PY (1)	Publication Year	D PY 3,4
SL	Summary Language	D SL
SO	Source	D SO
TC	Treatment Code	D L3 TC
TI	Title	D TI 2 L5
UT	Uncontrolled Term	D UT 2
ABS	AB	D ABS
ALL	AN, TI, AU, CS, PI, SO, DT, TC, FS, LA, SL, AB, CC, UT	D 1-5 ALL
BIB	AN, TI, AU, CS, PI, SO, DT, TC, FS, LA, SL (BIB is the default)	D BIB L2 7
CBIB	AN, compressed bibliographic information	D CBIB
IALL	ALL, indented with text labels	D 1-5 IALL
IBIB	BIB, indented with text labels	D IBIB
IND	CC, UT	D 1-10 CBIB IND
SAM	TI, CC, UT	D SAM TOTAL
SCAN (2,3)	TI, CC, UT (random display without answer number)	D SCAN
HIT	Fields containing hit terms	D 1 5 10 HIT
KWIC	Hit terms with 20 words on either side (KeyWord-In-Context)	D KWIC NOH
OCC (2)	Number of occurrences of hit terms and fields in which they occur	D OCC

(1) Custom display only.

(2) No online display fee for this format.

(3) SCAN must be specified on the command line, e.g., D SCAN or DISPLAY SCAN.

## SELECT, ANALYZE, and SORT Fields

The SELECT command is used to create E-numbers containing terms taken from the specified field in an answer set.

The ANALYZE command is used to create an L-number containing terms taken from the specified field in an answer set.

The SORT command is used to rearrange the search results in either alphabetic or numeric order of the specified field(s).

Field Name	Field Code	ANALYZE/SELECT (1)	SORT
Abstract	AB	Y (2)	N
Accession Number	AN	Y	N
Author	AU	Y	Y
Classification Code	CC	Y	Y
Corporate Source	CS	Y	Y
Document Type	DT	Y	Y
File Segment	FS	Y	Y
International Standard Book Number	ISBN	N	Y
International Standard(Document)Number	ISN	Y (3)	Y
International Standard Serial Number	ISSN	N	Y
Journal Title	JT	Y	Y
Language	LA	Y	Y
Meeting Date	MD	Y	Y
Meeting Location	ML	Y	Y
Meeting Title	MT	Y	Y
Report Number	NR	Y	Y
Occurrence Count of Hit Terms	OCC	N	Y
Patent Information	PI	Y (4,5)	Y
Patent Country	PC	Y	Y
Patent Number	PN	Y (5)	Y
Publication Date	PD	Y	Y
Publication Year	PY	Y (5)	Y
Summary Language	SL	Y	Y
Source	SO	Y (6)	N
Treatment Code	TC	Y	Y
Title	TI	Y (default)	Y
Uncontrolled Term	UT	Y (2)	N

(1) HIT may be used to restrict terms extracted to terms that match the search expression used to create the answer set, e.g.,  
SEL HIT TI.

(2) Appends /BI to the terms created by SELECT.

(3) Selects or analyzes the ISSN and ISBN with /ISN appended to the terms created by SELECT.

(4) Selects or analyzes the patent number with /PN appended to the terms created by SELECT.

(5) SELECT HIT and ANALYZE HIT are not valid with this field.

(6) Selects or analyzes the ISSN and ISBN with /SO appended to the terms created by SELECT.

## Sample Records

### DISPLAY IALL

ACCESSION NUMBER: 2000:89199 LIFESCI  
 TITLE: Medical rehabilitation of chronic progressive disseminated encephalomyelitis (MS)  
 AUTHOR: Westarp, M.E.  
 CORPORATE SOURCE: Department of Neurology, Rehasentrum D-63619 Bad Orb, and Ulm University, Germany  
 SOURCE: Journal of Neurovirology, (20000500) vol. 6, pp.S176-S178. Meeting Info.: An Update on Multiple Sclerosis Research and Care. Milan (Italy). 3-5 May 1999. ISSN: 1355-0284.  
 DOCUMENT TYPE: Journal  
 TREATMENT CODE: Conference  
 FILE SEGMENT: V  
 LANGUAGE: English  
 SUMMARY LANGUAGE: English  
 ABSTRACT: Eight years after diagnosis, 40% of MS patients develop a chronically progressive form. Annually we treat approximately 200 patients with progressive MS. Treatment consists of medication, i.e. agents that help to prevent future impairment, or interferon-beta injections, and intervals of mitoxantrone infusions (Novantrone super( registered )), and in some cases cyclic cyclophosphamide (Endoxan super( registered ) or nucleoside analogue cladribin (Leustatin super( registered )). Without clear scientific evidence, we recommend unsaturated fatty acids (thistle or sunflower oil), sufficient protein, and freshly prepared fruits and vegetables as a sound basis for remyelination. Remyelination profits from general prophylaxis in the use of ascorbic acid to help prevent urinary infections via acidification, autogenic training to reduce fatigue, improve ventilation of deeper airways, and stimulate vagotonic regeneration, and prevention of unnecessary immune stimulation caused by insects and some food. We recommend the use of sun hats and discourage blood donation (Allain 1998). Physiotherapy can improve strength, reduce spasticity, and train the patient to compensate for dysbalance and ataxia; supported by beta blockers and good antispastics, tremor and gait disturbances can be positively influenced. Music and motion, speech therapy, realistic training of daily activities, and prudent psychotherapy complete the range of measurements to reconstitute as much as possible of the patient's individual freedom. In the individual, we eventually provide prudent technical aids and careful prognostic estimations. Cooperating with local and regional patient networks, we reinforce long-term disease management and spread up-to-date medical research results, and finally gather valuable contextual information and clinical data on an increasingly frequent idiopathic disease of the human central nervous system.  
 CLASSIFICATION: 22130 Diseases associated with slow viruses  
 UNCONTROLLED TERM: Nutrients; Myelin; Rehabilitation; Multiple sclerosis; chronic progressive disseminated encephalomyelitis; man

**In North America**  
 CAS  
 STN North America  
 P.O. Box 3012  
 Columbus, Ohio 43210-0012 U.S.A.

CAS Customer Center  
 Phone: 800-753-4227 (North America)  
 614-447-3700 (worldwide)  
 Fax: 614-447-3751  
 E-mail: help@cas.org  
 Internet: www.cas.org

**In Europe**  
 FIZ Karlsruhe  
 STN Europe  
 P.O. Box 2465  
 76012 Karlsruhe  
 Germany  
 Phone: +49-7247-808-555  
 Fax: +49-7247-808-259  
 E-mail: helpdesk@fiz-karlsruhe.de  
 Internet: www.stn-international.de

**In Japan**  
 JAICI (Japan Association for International Chemical Information)  
 STN Japan  
 Nakai Building  
 6-25-4 Honkomagome, Bunkyo-ku  
 Tokyo 113-0021, Japan  
 Phone: +81-3-5978-3601 (Technical Service)  
 +81-3-5978-3621 (Customer Service)  
 Fax: +81-3-5978-3600  
 E-mail: support@jaici.or.jp (Technical Service)  
 customer@jaici.or.jp (Customer Service)  
 Internet: www.jaici.or.jp