

<b>Subject Coverage</b>	<ul style="list-style-type: none"> <li>• Agriculture</li> <li>• Agricultural chemicals (fertilizers, pesticides, and veterinary pharmaceuticals)</li> <li>• Agricultural economics and trade</li> <li>• Animal sciences and production</li> <li>• Biotechnology</li> <li>• Buildings and machinery</li> <li>• Crop protection</li> <li>• Crop sciences and production</li> <li>• Developing countries (rural development and sociology)</li> <li>• Engineering</li> <li>• Environment</li> </ul>	<ul style="list-style-type: none"> <li>• Food science and technology</li> <li>• Forestry</li> <li>• Forest products (processing of pulp, lumber, chemicals, resins, and other wood products)</li> <li>• Genetics</li> <li>• Human medicine (fungal, parasitic diseases and diseases caused or transmitted by insects)</li> <li>• Human nutrition</li> <li>• Soils and fertilizers</li> <li>• Tourism, leisure, and recreation</li> <li>• Veterinary medicine</li> </ul>
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**File Type** Bibliographic

<b>Features</b>	Thesaurus	Controlled Term (/CT), Geographic Term (/GT), Organism Name (/ORGN)			
	<a href="#">Alerts (SDIs)</a>	Weekly or Monthly (Weekly is the default)			
	<a href="#">CAS Registry Numbers®</a>	<input checked="" type="checkbox"/>	Page Images	<input type="checkbox"/>	STN AnaVist <input type="checkbox"/>
	<a href="#">Keep &amp; Share</a>	<input checked="" type="checkbox"/>	<a href="#">SLART</a>	<input checked="" type="checkbox"/>	<a href="#">STN Easy</a> <input checked="" type="checkbox"/>
	Learning Database	<input type="checkbox"/>	Structures	<input type="checkbox"/>	STN Viewer <input type="checkbox"/>

**Record Content** Records contain bibliographic information, abstracts, and indexing information, including CAS Registry Numbers®.

**File Size** 6,367,399 records (02/11)

**Coverage** 1973-present

**Updates** Updated weekly

**Language** English

**Database Producer** CAB International  
 Nosworthy Way  
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E-mail: [helpdesk@fiz-karlsruhe.de](mailto:helpdesk@fiz-karlsruhe.de)

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**Sources**

- Over 9,000 serial journals in over 50 languages
  - Annual reports
  - General reports
  - Books
  - Handbooks
  - Bulletin
  - Review journals
  - Symposia
  - Conference proceedings
  - Newsletters
  - Discussion papers
  - Theses
- 

**User Aids**

- CAB Thesaurus \*
  - Subject Codes List \*
  - Cabi Codes \*
  - Online Helps (HELP DIRECTORY lists all help messages available)
  - STNGUIDE
- \* available from the producer
- 

**Clusters**

- AGRICULTURE
  - ALLBIB
  - AUTHORS
  - BIOSCIENCE
  - CASRNS
  - CHEMISTRY
  - CORPSOURCE
  - ENVIRONMENT
  - FOOD
  - FORMULATIONS
  - TOXICOLOGY
- [STN Database Clusters](#) information (PDF).
- 

**Pricing**

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

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## Search and Display Field Codes

Fields that allow left truncation are indicated by an asterisk (\*).

### General Search Fields

Search Field Name	Search Code	Search Examples	Display Codes
Basic Index* (contains single words from the title (TI), controlled term (CT), supplementary term (ST), broader term (BT), abstract (AB), organism name (ORGN), and geographic term (GT) fields, as well as CAS Registry Numbers®)	None or /BI	S SUSTAINED RELEASE S MOSQUITO? (S) CONTROL? S 57-92-1 S ?TICIDE?	AB, BT, CT, GT, ORGN, RN, ST, TI
Abstract*	/AB	S ?PLASMA?/AB	AB
Accession Number	/AN	S 2008:100006/AN	AN
Author	/AU	S RAO A S/AU	AU
Broader Term	/BT	S INSECTICIDES/BT S GAZELLA DAMA/BT	BT
Classification Code (code and text) (1)	/CC	S HH100/CC S BIOLOGICAL CONTROL/CC	CC
Controlled Term (2)	/CT	S BACTERIAL INSECTICIDES/CT S CABLES+ALL/CT	CT
Controlled Word	/CW	S INSECTICIDES/CW	BT, CT
Corporate Source (1)	/CS	S BHABHA/CS S BHABHA RES CENT/CS	CS
Country of Publication (code and text)	/CY	S INDIA/CY S IN/CY	CY
Document Number	/DN	S 20053076514/DN	DN
Document Type (code and text)	/DT	S C/DT S CONFERENCE/DT	DT
E-mail Address	/EML	S RUCAR@IAPAR.BR/EML	EML, CS
Entry Date (3)	/ED	S ED> NOV 2010	ED, UP
Field Availability	/FA	S L2 AND AB/FA	FA
Geographic Term (2)	/GT	S UK/GT S UK+RT/GT	GT
International Standard (Document) Number (contains ISSN and ISBN)	/ISN	S 1-85223-023-1/ISN S 0285-2543/ISN	ISN, SO
Journal Title	/JT	S CURRENT SCIENCE INDIA/JT	JT, SO
Language (code and text)	/LA	S ENGLISH/LA S EN/LA	LA
Meeting Title (1)	/MT	S CHEMISTRY A!D BIOLOGY?/MT	MT, SO
Organism Name (2)	/ORGN	S DIPTERA/ORGN S DIPYLIDIIDAE+NT/ORGN	ORGN
Publication Date (3)	/PD	S 20050000/PD	PD, PY, SO
Publication Year (3)	/PY	S PY=2010	PY, SO
Sequence Code	/SC	S 1C/SC	SC
Source (contains publication title, collation information (volume, issue, pagination, and number of references), publisher, meeting information, patent information, publication year, ISBN, and ISSN)	/SO	S CURRENT SCIENCE/SO S USSR PATENT/SO	SO

## General Search Fields (cont'd)

Search Field Name	Search Code	Search Examples	Display Codes
Summary Language (code or text)	/SL	S FRENCH/SL S FR/SL	SL
Supplementary Term Title*	/ST /TI	S FORMULATION/ST S WORLD APICULTURAL TRADE/TI	ST TI
Universal Resource Locator Update Date (3)	/URL /UP	S http://www.plant?/URL S L1 AND UP>NOV 2010	URL, SO ED, UP

(1) Implied (S) proximity is available in this field.

(2) Thesaurus is available in this field.

(3) Numeric search field that may be searched with numeric operators or ranges.

## Controlled Term (/CT) Thesaurus

All Relationship Codes can be used with both the SEARCH and EXPAND command in the /CT thesaurus.

Code	Content	Examples
ALL	All Associated Terms (BT, SELF, NOTE, USE, UF, NT, RT)	E BACTERIAL INSECTICIDES+ALL/CT
AUTO (1)	Automatic Relationship Code (Narrower Terms) (SELF, NT)	E ORGANOCHLORINE INSECTICIDES+AUTO/CT
BT	Broader Terms (BT, SELF)	E WEED CONTROL+BT/CT
HIE	Hierarchy Terms (Broader and Narrower Terms) (BT, SELF, NT)	E VIRAL INSECTICIDES+HIE/CT
KT	Keyword Terms (SELF, KT)	E CONTROL+KT/CT
NT	Narrower Terms (SELF, NT)	E INSECT GROWTH REGULATORS+NT/CT
PFT	Preferred and Forbidden Terms (SELF, USE, UF)	E BIOLOGICAL CONTROL+PFT/CT
RT	Related Terms (See also terms) (SELF, RT)	E MICROBIAL PESTICIDES+RT/CT
STD	Broader, Narrower, and Related Terms (BT, SELF, NT, RT)	E DISEASE CONTROL+STD/CT
UF	Used For Terms (Forbidden Terms) (SELF, UF)	E HORMONAL CONTROL+UF/CT
USE	Use Terms (Preferred Terms) (SELF, USE)	E ENDOCRINE CONTROL+USE/CT

(1) Automatic Relationship is SET OFF. In case of SET REL ON the result of EXPAND or SEARCH without any relationship code is the same as described for AUTO.

## Geographic Term (/GT) Thesaurus

All Relationship Codes can be used with both the SEARCH and EXPAND command in the /GT thesaurus.

Code	Content	Examples
ALL	All Associated Terms (BT, SELF, NOTE, USE, UF, NT, RT)	E UK+ALL/GT
AUTO (1)	Automatic Relationship Code (Narrower Terms) (SELF, NT)	S SCOTLAND+AUTO/GT
BT	Broader Terms (BT, SELF)	E CONNECTICUT+BT/GT
HIE	Hierarchy Terms (Broader and Narrower Terms) (BT, SELF, NT)	E USA+HIE/GT
KT	Keyword Terms (SELF, KT)	E AMERICA+KT/GT
NT	Narrower Terms (SELF, NT)	S ECUADOR+NT/GT

## Geographic Term (/GT) Thesaurus (cont'd)

Code	Content	Examples
PFT RT STD	Preferred and Forbidden Terms (SELF, USE, UF) Related Terms (See also terms) (SELF, RT) Broader, Narrower, and Related Terms (BT, SELF, NT, RT)	E USA+PFT/GT E PUERTO RICO+RT/GT E CARIBBEAN+STD/GT
UF USE	Used For Terms (Forbidden Terms) (SELF, UF) Use Terms (Preferred Terms) (SELF, USE)	E USA+UF/GT E UNITED STATES OF AMERICA+USE/GT

(1) Automatic Relationship is SET OFF. In case of SET REL ON the result of EXPAND or SEARCH without any relationship code is the same as described for AUTO.

## Organism Name (/ORGN) Thesaurus

All Relationship Codes can be used with both the SEARCH and EXPAND command in the /ORGN thesaurus.

Code	Content	Examples
ALL	All Associated Terms (BT, SELF, NOTE, USE, UF, NT, RT)	E DIPTEROCARPUS+ALL/ORGN
AUTO (1)	Automatic Relationship Code (Narrower Terms) (SELF, NT)	S CANTHIUM+AUTO/ORGN
BT	Broader Terms (BT, SELF)	E SCARABAEIDAE+BT/ORGN
HIE	Hierarchy Terms (Broader and Narrower Terms) (BT, SELF, NT)	E TEMNOSCHEILA+HIE/ORGN
KT	Keyword Terms (SELF, KT)	E TEMNOSCHEILA+KT/ORGN
NT	Narrower Terms (SELF, NT)	E ALPHITOBIUS+NT/ORGN
PFT	Preferred and Forbidden Terms (SELF, USE, UF)	E POACEAE+PFT/ORGN
RT	Related Terms (See also terms) (SELF, RT)	E PROCLADIUS+RT/ORGN
STD	Broader, Narrower, and Related Terms (BT, SELF, NT, RT)	E DIPLACHNE+STD/ORGN
UF	Used For Terms (Forbidden Terms) (SELF, UF)	E GRAMINEAE+UF/ORGN
USE	Use Terms (Preferred Terms) (SELF, USE)	S POACEAE+USE/ORGN

(1) Automatic Relationship is SET OFF. In case of SET REL ON the result of EXPAND or SEARCH without any relationship code is the same as described for AUTO.

## DISPLAY and PRINT Formats

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

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

Format	Content	Examples
AB	Abstract	D 1-5 AN, AB
AN	Accession Number	D 1-5 AN
AU	Author	D AU TI 2
BT	Broader Term	D TI BT 1-5
CC	Classification Code	D CC, RN 8-10
CS	Corporate Source	D CS
CT	Controlled Term	D AN CT 1-2

**DISPLAY and PRINT Formats (cont'd)**

Format	Content	Examples
CY DN DT (TC) ED EML GT IN (1) ISN (1) JT (1) LA MT (1) ORGN PD (1) PY (1) RN SC SL SO ST TI UP URL	Country of Publication Document Number Document Type Entry Date E-mail Address Geographic Term Inventor International Standard (Document) Number Journal Title Language Meeting Title Organism Name Publication Date Publication Year CAS Registry Number Sequence Code Summary Language Source Supplementary Term Title Update Date Uniform resource Locator	D CY TI D DN 1-5 D DT TI D ED D EML D TI GT D IN D ISN 1-2 D JT 1-2 D 2 6 LA D MT D ORGN 1-10 D PD D TI PY D 2 RN D SC D SL 1,3 D SO TI D CT ST D TI 1-10 D UP D URL
ABS IABS ALL  DALL IALL BIB IND SAM (TRI, TRIAL) SCAN (2) STD ISTD	AB AB, with text label AN, DN, TI, AU, CS, PI, SO, CY, DT, LA, SL, ED, AB, CC, SC, GT, CT, BT, ST, RN, ORGN ALL, delimited for post processing ALL, indented with text labels AN, DN, TI, AU, CS, PI, SO, CY, DT, LA, SL, ED (BIB is the default) CC, GT, CT, BT, ST, RN, ORGN TI, CC, GT, CT, BT, ST, RN, ORGN TI, CC, GT, CT, BT, ST, RN, ORGN (random display, no answer numbers) AN, TI, AU, CS, PI, SO, DT, LA, SL STD, indented with text labels	D ABS 1-3 D IABS 1-3 D 1-3 ALL  D DALL D IALL 1-4 D 8 BIB D BIB, IND D SAM TOTAL D SCAN D STD 1,5 D ISTD
HIT KWIC OCC	Hit term(s) and field(s) Up to 50 words before and after hit term(s) (KeyWord-In-Context) Number of occurrences of hit term(s) and field(s) in which they occur	D HIT D KWIC D OCC

(1) Custom display only

(2) SCAN must be specified on the command line, i.e., 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	N
Accession Number	AN	Y	N
Author	AU	Y	Y
Broader Term	BT	Y	N
CAS Registry Number	RN	Y (2)	N
Citation	CIT	Y (3,4)	N
Classification Code	CC	Y	Y
Controlled Term	CT	Y	N
Corporate Source	CS	Y	Y
Country of Publication	CY	Y	Y
Document Number	DN	Y	Y
Document Type	DT (TC)	Y	Y
E-mail Address	EML	Y	Y
Entry Date	ED	Y	Y
Geographic Term	GT	Y	Y
International Standard Book Number	ISBN	N	Y
International Standard (Document) Number	ISN	Y	N
International Standard Serial Number	ISSN	N	Y
Inventor	IN	Y	Y
Journal Title	JT	Y	Y
Language	LA	Y	Y
Meeting Title	MT	Y	Y
Occurrence Count of Hit Terms	OCC	N	Y
Organism Name	ORGN	Y	Y
Publication Date	PD	Y	Y
Publication Year	PY	Y	Y
Sequence Code	SC	Y	Y
Source	SO	Y (5)	N
Summary Language	SL	Y	Y
Supplementary Term	ST	Y	N
Title	TI	Y (default)	Y
Uniform Resource Locator	URL	Y	Y
Update Date	UP	Y	Y

- (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) Extracts first author, publication year, volume, and first page with a truncation symbol appended and with /RE appended to the terms created by SELECT.
- (4) SELECT HIT and ANALYZE HIT not valid with this field.
- (5) Selects or analyzes ISSN and ISBN with /SO appended to the terms created by SELECT.

## Sample Records

### DISPLAY ALL

AN 2010:278252 CABA  
 DN 20103299948  
 TI Plasma bile acids are not associated with energy metabolism in humans.  
 AU Brufau, G.; Bahr, M. J.; Staele, B.; Claudel, T.; Ockenga, J.; Boeker, K. H. W.; Murphy, E. J.; Prado, K.; Stellaard, F.; Manns, M. P.; Kuipers, F.; Tietge, U. J. F.  
 CS Dept. of Pediatrics, Center for Liver, Digestive and Metabolic Diseases, University Medical Center Groningen, University of Groningen, 9713 GZ Groningen, Netherlands.  
 EMAIL: u\_tietge@yahoo.com  
 SO Nutrition & Metabolism (2010) Volume 7, Number 73, (3 September 2010) p., 19 refs.  
 ISSN: 1743-7075  
 Published by: BioMed Central Ltd, London  
 URL: <http://www.nutritionandmetabolism.com/content/7/1/73>  
 CY United Kingdom  
 DT Journal  
 LA English  
 ED Entered STN: 27 Oct 2010  
 Last updated on STN: 27 Oct 2010  
 AB Bile acids (BA) have recently been shown to increase energy expenditure in mice, but this concept has not been tested in humans. Therefore, we investigated the relationship between plasma BA levels and energy expenditure in humans. Type 2 diabetic (T2DM) patients (n=12) and gender, age and BMI-matched healthy controls (n=12) were studied before and after 8 weeks of treatment with a BA sequestrant. In addition, patients with liver cirrhosis (n=46) were investigated, since these display elevated plasma BA together with increased energy expenditure. This group was compared to gender-, age- and BMI-matched healthy controls (n=20). Fasting plasma levels of total BA and individual BA species as well as resting energy expenditure were determined. In response to treatment with the BA sequestrant, plasma deoxycholic acid (DCA) levels decreased in controls (-60%, p<0.05) and T2DM (-32%, p<0.05), while chenodeoxycholic acid (CDCA) decreased in controls only (-33%, p<0.05). Energy expenditure did not differ between T2DM and controls at baseline and, in contrast to plasma BA levels, was unaffected by treatment with the BA sequestrant. Total BA as well as individual BA species did not correlate with energy expenditure at any time throughout the study. Patients with cirrhosis displayed on average an increase in energy expenditure of 18% compared to values predicted by the Harris-Benedict equation, and plasma levels of total BA (up to 12-fold) and individual BA (up to 20-fold) were increased over a wide range. However, neither total nor individual plasma BA levels correlated with energy expenditure. In addition, energy expenditure was identical in patients with a cholestatic versus a non-cholestatic origin of liver disease while plasma total BA levels differed four-fold between the groups. In conclusion, in the various (patho)physiological conditions studied, plasma BA levels were not associated with changes in energy expenditure. Therefore, our data do not support an important role of circulating BA in the control of human energy metabolism.  
 CC VV130 Nutrition related Disorders and Therapeutic Nutrition  
 SC 0U; CA; HE; NU; ZD; ZS  
 CT bile acids; chenodeoxycholic acid; energy metabolism; type 2 diabetes  
 BT Homo; Hominidae; Primates; mammals; vertebrates; Chordata; animals; eukaryotes  
 ST chenic acid  
 RN 474-25-9  
 ORGN man

**EXPAND in the Controlled Term (/CT) Thesaurus**

```

=> E BIOLOGICAL CONTROL+all/CT
E1      154856   BT2 CONTROL/CT
E2      60567    BT1 PEST CONTROL/CT
E3      33895    --> BIOLOGICAL CONTROL/CT
                        NOTE (PEST AND WEED CONTROL BY DELIBERATE USE OF
                        NATURAL ENEMIES)
E4          0    UF CONTROL, BIOLOGICAL/CT
E5         85    NT1 AUGMENTATION/CT
E6         22    NT2 PARASITOID AUGMENTATION/CT
E7         12    NT2 PREDATOR AUGMENTATION/CT
E8        146    NT1 ENCOURAGEMENT/CT
E9        2325   RT BACTERIAL INSECTICIDES/CT
E10       25369  RT BIOLOGICAL CONTROL AGENTS/CT
E11       24266  RT DISEASE CONTROL/CT
E12       9241   RT INTEGRATED CONTROL/CT
E13       3033   RT PARASITISM/CT
E14       3665   RT PREDATION/CT
E15        213   RT RELEASE TECHNIQUES/CT
***** END *****

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**EXPAND in the Geographic Term (/GT) Thesaurus**

```

=> E UK+ALL/CT
E1      36560   BT3 EUROPE/GT
E2      831    BT2 WESTERN EUROPE/GT
E3      275    BT1 BRITISH ISLES/GT
E4      1406   BT1 EUROPEAN UNION COUNTRIES/GT
E5      222    BT1 OECD COUNTRIES/GT
E6      87122  --> UK/GT
                        NOTE Geographic Term
E7          0    UF BRITAIN/GT
E8          0    UF UNITED KINGDOM/GT
E9         101   NT1 CHANNEL ISLANDS/GT
E10       1477  NT1 GREAT BRITAIN/GT
E11       5621  NT2 ENGLAND/GT
E12        82   NT3 EAST MIDLANDS OF ENGLAND/GT
E13       152   NT3 EASTERN ENGLAND/GT
E14       339   NT3 NORTHERN ENGLAND/GT
E15       409   NT3 SOUTH EAST ENGLAND/GT
E16       280   NT3 SOUTH WEST ENGLAND/GT
E17       120   NT3 WEST MIDLANDS OF ENGLAND/GT
E18       177   NT3 YORKSHIRE AND LANCASHIRE/GT
E19       4189  NT2 SCOTLAND/GT
E20        18   NT3 EASTERN SCOTLAND/GT
E21        52   NT3 NORTHERN SCOTLAND/GT
E22       155   NT3 SCOTTISH HIGHLANDS AND ISLANDS/GT
E23        26   NT3 WEST SCOTLAND/GT
E24       2429  NT2 WALES/GT
E25        24   NT1 ISLE OF MAN/GT
E26       1626  NT1 NORTHERN IRELAND/GT
E27        97   RT COMMONWEALTH OF NATIONS/GT
***** END *****

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**EXPAND in the Organism (/ORGN) Thesaurus**

```
=> E DIPTEROCARPUS+ALL/ORGN
E1      483   BT1  DIPTEROCARPACEAE/ORGN
E2      237   --> DIPTEROCARPUS/ORGN
E3      31    NT1  DIPTEROCARPUS ALATUS/ORGN
E4      10    NT1  DIPTEROCARPUS CORNUTUS/ORGN
E5      12    NT1  DIPTEROCARPUS GRACILIS/ORGN
E6      52    NT1  DIPTEROCARPUS GRANDIFLORUS/ORGN
E7      13    NT1  DIPTEROCARPUS HASSELTII/ORGN
E8      33    NT1  DIPTEROCARPUS INDICUS/ORGN
E9      17    NT1  DIPTEROCARPUS KERRII/ORGN
E10     33    NT1  DIPTEROCARPUS TURBINATUS/ORGN
***** END *****
```

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