

CABA

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

Features	Thesaurus	Controlled Term (/CT), Geographic Term (/GT), Organism Name (/ORGN)		
	Alerts (SDIs)	Weekly or Monthly (Weekly is the default)		
	CAS Registry Number® Identifiers	<input checked="" type="checkbox"/>	Page Images	<input type="checkbox"/>
	Keep & Share	<input checked="" type="checkbox"/>	SLART	<input checked="" type="checkbox"/>
	Learning Database	<input type="checkbox"/>	Structures	<input type="checkbox"/>

Record Content

- Records contain bibliographic information, abstracts, and indexing information, including CAS Registry Numbers®.

File Size

- more than 9.9 million records (09/2020)

Coverage 1973-present

Updates Updated weekly

Language English

Database Producer CAB International
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 Email: c.ison@cabi.org
 Copyright Holder

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Supplier**

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76012 Karlsruhe
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Email: helpdesk@fiz-karlsruhe.de

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
-

Cluster

- AGRICULTURE
- ALLBIB
- AUTHORS
- BIOSCIENCE
- CASRNS
- CHEMISTRY
- CORPSOURCE
- ENVIRONMENT
- FOOD
- FORMULATIONS
- TOXICOLOGY

STN Database Cluster information:

<http://www.stn-international.com/en/customer-support/customer-support#cluster+%7C+subjects+%7C+features>

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 (ISO code and text)	/CY	S INDIA/CY S IN/CY	CY
Digital Object Identifier	/FTDOI	S 10.9787/KJBS?/FTDOI	FTDOI, SO
Document Number	/DN	S 20053076514/DN	DN
Document Type (code and text)	/DT (or /TC)	S C/DT S CONFERENCE/DT	DT
E-mail Address (1)	/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 (ISO 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 (4)	/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 (ISO code and text)	/SL	S FRENCH/SL S FR/SL	SL
Supplementary Term (1) Title*	/ST /TI	S FORMULATION/ST S WORLD AGRICULTURAL TRADE/TI	ST TI
Universal Resource Locator (1)	/URL	S HTTP://WWW.PLANT?/URL	URL, SO
Update Date (3)	/UP	S L1 AND UP>MAY 2013	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.

(4) Field only for internal use.

Property Fields¹⁾

In CABA a numeric search for a specific set of physical properties (/PHP) is available within the abstract and title fields. The numeric values are not displayed as single fields, but highlighted within the hit displays.

Use EXPAND/PHP to search for all available physical properties. A search with the respective field codes will be carried out in the abstract and title fields. The /PHP index contains a complete list of codes and related text for all physical properties available for numeric search.

Field Code	Property	Unit	Symbol	Search Examples
/AOS	Amount of substance	Mol	mol	S 10 /AOS
/BIR	Bit Rate	Bit/Second	bit/s	S 330/BIR
/BIT	Stored Information	Bit	Bit	S BIT > 3 MEGABIT
/CAP	Capacitance	Farad	F	S 1-10 MF/CAP
/CDN	Current Density	Ampere/Square Meter	A/m ²	S CDN>10 A/M**2
/CMOL	Molarity, Molar Concentration	Mol/Liter	mol/L	S UREA/BI (S) 2/CMOL
/CON	Conductance	Siemens	S	S 1S-3/CON
/DB	Decibel	Decibel	dB	S DB>50
/DEG	Degree	Degree	°	S LOW LATITUDE/BI (S) 30/DEG
/DEN	Density (Mass Concentration)	Kilogram/Cubic Meter	kg/m ³	S ANTIBODY/BI (S) 5E-3-10E-3/DEN
/DEQ	Dose Equivalent	Sievert	Sv	S 2/DEQ
/DOS	Dosage	Milligram/Kilogram	mg/kg	S DOS=0.8
/DV	Viscosity, dynamic	Pascal * Second	Pa * s	S DV>10
/ECH	Electric Charge	Coulomb	C	S 2-3/ECH
/ECO	Electrical Conductivity	Siemens/Meter	S/m	S ECO>800 S/M
/ELC	Electric Current	Ampere	A	S 1-10/ELC
/ELF	Electric Field	Volt/Meter	V/m	S 1-300/ELF
/ENE	Energy	Joule	J	S TORQUE (5A) 20 - 30 /ENE
/ERE	Electrical Resistivity	Ohm * Meter	Ohm * m	S ERE>2
/FOR	Force	Newton	N	S 50 N /FOR
/FRE	Frequency	Hertz	Hz	S OSCILLAT?/BI (S) 1- 3/FRE
/IU	International Unit	none	IU	S IU>1000 (P) ANTIBIOTIC
/KV	Viscosity, kinematic	Square Meter/Second	m ² /s	S SILICON?/BI (5A) 10E-5 M**2/S /KV
/LEN (or /SIZ)	Length, Size	Meter	m	S 1-4/LEN

Property Fields (cont'd)

Field Code	Property	Unit	Symbol	Search Examples
/LUME	Luminous Emittance, Illuminance	Lux	lx	S 10-50/LUME
/LUMF	Luminous Flux	Lumen	Lm	S LUMF>10
/LUMI	Luminous Intensity	Candela	cd	S LUMI<4
/M	Mass	Kilogram	kg	S GESTATIONAL AND M=18
/MCH	Mass to Charge Ratio	none	m/z	S MCH=50
/MFD (or /MFS)	Magnetic Flux Density	Tesla	T	S MFD>102
/MFR (or /MFL)	Mass Flow Rate	Kilogram/Second	kg/s	S MFR<0.1
/MM	Molar Mass	Gram/Mol	g/mol	S 2000-3000 G/MOL/MM
/MOLS	Molality of Substance	Mol/Kilogram	mol/kg	S 01.-10 MOL/KG/MOLS
/MVR	Melt Volume Rate	none	g/10 min	S 1/MVR
/NUC	Nutrition Content	none	g/100 kcal	S NUC<100 (P) NUTRIENT
/PER	Percent (Proportionality)	none	%	S POLYMER?/AB (5A) 4/PER
/PHV	pH Value	pH	pH	S 7.4-7.6/PHV
/POW	Power	Watt	W	S MICROWAVE/BI (S) POWER/BI (S) 350 WATT/POW
/PRES (or /P)	Pressure	Pascal	Pa	S (VACUUM (5A) DISTILL?)/BI (S) 1000-1100/PRES
/RAD	Radioactivity	Becquerel	Bq	S RAD/PHP
/RES	Electrical Resistance	Ohm	Ohm	S ELECTRICAL/BI (S) 10-100/RES
/RSP	Rotational Speed	Revolution/Minute	rpm	S 2-100/RSP (S) MACHINE/AB
/SAR	Area /Surface Area	Square Meter	m ²	S (COATING? OR FOIL?)/BI (S) 10-100/SAR
/SOL	Solubility	Gram/100 gram	g/100 g	S SOL>20 (10W) WATER
/STSC	Surface Tension	Joule /Square Meter	J/m ²	S 60 J/M**2/STSC
/TCO	Thermal Conductivity	Watt/Meter * Kelvin	W/m * K	S 1/TCO (S) HEAT?
/TEMP (or /T)	Temperature	Kelvin	K	S (HEAT? (10A) LIQUID?) (S) 5/TEMP
/TIM	Time	Second	s	S ?INCUB?/BI (10A) 10-50/TIM
/VEL (or /V)	Velocity	Meter per Second	m/s	S REDUC?/BI (S) 1E-3-5E-3/VEL
/VELA	Velocity, angular	Radian/Second	rad/s	S VELA>10
/VLR	Volumetric Flow Rate	Cubic Meter/Second	m ³ /s	S 1-2/VLR (5A) POWDER
/VOL	Volume	Cubic Meter	m ³	S 1E-8-2E-8/VOL.EX
/VOLT	Voltage	Volt	V	S POTENTIAL/BI (10A) 5E-3 V <VOLT<7E-3 V

1) Exponential format is recommended for the search of particularly high or low values, e.g. 1.8E+7 or 1.8E7 (for 18000000) or 9.2E-8 (for 0.00000092).

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, RBT, SELF, NOTE, RN, USE, UF, NT, RNT, 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

Controlled Term (/CT) Thesaurus (cont'd)

Code	Content	Examples
HIE	Hierarchy Terms (Broader and Narrower Terms) (BT, SELF, NT)	E VIRAL INSECTICIDES+HIE/CT
KT	Keyword Terms (SELF, KT)	E CONTROL+KT/CT
NOTE	Notes (SELF, NOTE, RN)	E POTATO STARCH+NOTE/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
RBT	Related Broader Terms (RBT, SELF)	E 1-NAPHTHOL+RBT/CT
RNT	Related Narrower Terms (SELF, RNT)	E ABSORBENTS+RNT/CT
RT	Related Terms (See also terms) (SELF, RBT, RT, RNT)	E MICROBIAL PESTICIDES+RT/CT
STD	Broader, Narrower, and Related Terms (BT, RBT, SELF, NT, RNT, 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, RBT, SELF, NOTE, USE, UF, NT, RNT, 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
NOTE	Notes (SELF, NOTE)	S RIFT VALLEY LAKES+NOTE/GT
NT	Narrower Terms (SELF, NT)	S ECUADOR+NT/GT
PFT	Preferred and Forbidden Terms (SELF, USE, UF)	E USA+PFT/GT
RBT	Related Broader Terms (RBT, SELF)	E YUKON RIVER+RBT/GT
RNT	Related Narrower Terms (SELF, RNT)	E UK+RNT/GT
RT	Related Terms (See also terms) (SELF, RBT, RT, RNT)	E PUERTO RICO+RT/GT
STD	Broader, Narrower, and Related Terms (BT, RBT, SELF, NT, RNT, RT)	E CARIBBEAN+STD/GT
UF	Used For Terms (Forbidden Terms) (SELF, UF)	E USA+UF/GT
USE	Use Terms (Preferred Terms) (SELF, USE)	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, RBT, SELF, NOTE, RN, USE, UF, NT, RNT, 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
NOTE	Notes (SELF, NOTE)	E MYCOBACTERIUM MALMONESE+NOTE/ORGN
NT	Narrower Terms (SELF, NT)	E ALPHITOBIOUS+NT/ORGN
PFT	Preferred and Forbidden Terms (SELF, USE, UF)	E POACEAE+PFT/ORGN
RBT	Related Broader Terms (RBT, SELF)	E ALOPEX LAGOPUS+RBT/ORGN
RNT	Related Narrower Terms (SELF, RNT)	E PSEUDOCEREALS+RNT/ORGN
RT	Related Terms (See also terms) (SELF, RBT, RT, RNT)	E PROCLADIUS+RT/ORGN
STD	Broader, Narrower, and Related Terms (BT, RBT, SELF, NT, RNT, 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. 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
CY	Country of Publication	D CY TI
DN	Document Number	D DN 1-5
DT (TC)	Document Type	D DT TI
ED	Entry Date	D ED
EML (1)	E-mail Address	D EML
FTDOI (1)	Digital Object Identifier	D FTDOI
GT	Geographic Term	D TI GT
ISN (1)	International Standard (Document) Number	D ISN 1-2

DISPLAY and PRINT Formats (cont'd)

Format	Content	Examples
JT (1) LA MT (1) ORGN PD (1) PY (1) RN SC (3) SL SO ST TI UP URL (1)	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 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, 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, 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.

(3) Field only for internal use.

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

SELECT, ANALYZE, and SORT Fields (cont'd)

Field Name	Field Code	ANALYZE/ SELECT (1)	SORT
Corporate Source	CS	Y	Y
Country of Publication	CY	Y	Y
Digital Object Identifier	FTDOI	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
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
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.; Staels, 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 (Availability): <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: 22 Apr 2013
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

DISPLAY BIB

AN 2013:16117 CABA
 DN 20123410792
 TI Efforts to get the multilateral system up and running: a review of activities coordinated by the Treaty's Secretariat.
 Issues in Agricultural Biodiversity
 AU Louafi, S.; Shakeel Bhatti; Bhatti, S.
 Editor(s): Halewood, M.; Lopez Noriega, I.; Louafi, S.
 CS Centre International de Recherche Agronomique pour le Developpement (Cirad), UMR AGAP, Montpellier, France.
 SO Crop genetic resources as a global commons: challenges in international law and governance (2013), pp. 187-196, 6 refs.
 ISBN: 978-0-84407-892-9
 Published by: Routledge, Abingdon
 Price: \$64.95, <pounds>39.99
 CY United Kingdom
 DT Book; Book Article
 LA English
 ED Entered STN: 23 Jan 2013
 Last updated on STN: 10 May 2013

```
=> E BIOLOGICAL CONTROL+all/CT
E1      96857   BT1  pest control/CT
E2      59898   --> biological control/CT
                NOTE From 1983.
                NOTE Pest and weed control by deliberate
                use of natural enemies.
E3          0   UF   control, biological/CT
E4        203   NT1  augmentation/CT
E5         43   NT2  parasitoid augmentation/CT
E6         38   NT2  predator augmentation/CT
E7        162   NT1  encouragement/CT
E8       4251   RT   bacterial insecticides/CT
E9       66093  RT   biological control agents/CT
E10      54150  RT   disease control/CT
E11      17190  RT   integrated control/CT
E12       8709  RT   parasitism/CT
E13       9992  RT   predation/CT
E14       399   RT   release techniques/CT
***** END *****
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EXPAND in the Geographic Term (/GT) Thesaurus

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E1      61502   BT3  Europe/GT
E2      1686   BT2  Western Europe/GT
E3       541   BT1  British Isles/GT
E4       185   BT1  Commonwealth of Nations/GT
E5         0   BT2  countries/GT
E6      2689   BT1  Developed Countries/GT
E7         0   BT2  countries/GT
E8      6349   BT1  European Union Countries/GT
E9         0   BT2  countries/GT
E10      582   BT1  OECD Countries/GT
E11     136678 --> UK/GT
                NOTE From 1983. Descriptor was 'United
                Kingdom', 1983-1988.
E12         0   UF   Britain/GT
E13         0   UF   United Kingdom/GT
E14         0   UF   United Kingdom of Great Britain
                and Northern Ireland/GT
E15       229   NT1  Channel Islands/GT
E16      2963   NT1  Great Britain/GT
E17     13428   NT2  England/GT
E18       110   NT3  East Midlands of England/GT
E19       237   NT3  Eastern England/GT
E20       502   NT3  Northern England/GT
E21       514   NT3  South East England/GT
E22       438   NT3  South West England/GT
E23       170   NT3  West Midlands of England/GT
E24       238   NT3  Yorkshire and Lancashire/GT
E25      9131   NT2  Scotland/GT
E26        23   NT3  Eastern Scotland/GT
E27        69   NT3  Northern Scotland/GT
E28       228   NT3  Scottish Highlands and
                Islands/GT
E29        40   NT3  West Scotland/GT
E30     4589   NT2  Wales/GT
E31        49   NT1  Isle of Man/GT
E32     3060   NT1  Northern Ireland/GT
E33         1   RNT  British Overseas Territories/GT
***** END *****
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EXPAND in the Organism (/ORGN) Thesaurus

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=> E DIPTEROCARPUS+ALL/ORGN
E1          1169   BT7 eukaryotes/ORGN
E2          471973 BT6 plants/ORGN
E3           157   BT5 Spermatophyta/ORGN
E4           2877   BT4 angiosperms/ORGN
E5           1194   BT3 dicotyledons/ORGN
E6            79   BT2 Theales/ORGN
E7           1045   BT1 Dipterocarpaceae/ORGN
E8            446   --> Dipterocarpus/ORGN
E9            61   NT1 Dipterocarpus alatus/ORGN
E1           16   NT1 Dipterocarpus
                    cornutus/ORGN
E1           18   NT1 Dipterocarpus
                    gracilis/ORGN
E1           73   NT1 Dipterocarpus
                    grandiflorus/ORGN
E1           15   NT1 Dipterocarpus
                    hasseltii/ORGN
E1           55   NT1 Dipterocarpus indicus/ORGN
E1           21   NT1 Dipterocarpus kerrii/ORGN
E1           61   NT1 Dipterocarpus
                    turbinatus/ORGN

***** END *****
```

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