

## EMBAL (EMBASE Alert Database)

<b>Subject Coverage</b>	<ul style="list-style-type: none"> <li>• Alternative medicine</li> <li>• Biological science relevant to human medicine</li> <li>• Biochemistry</li> <li>• Biomedical engineering and medical instrumentation</li> <li>• Biotechnology</li> <li>• Clinical and experimental medicine</li> <li>• Drugs</li> <li>• Environmental science</li> </ul>	<ul style="list-style-type: none"> <li>• Forensic science</li> <li>• Hospital management</li> <li>• Industrial medicine</li> <li>• Medical devices</li> <li>• Occupational hygiene</li> <li>• Pediatrics</li> <li>• Pharmacy</li> <li>• Pharmacology and drug therapy</li> <li>• Pharmaco-economics</li> <li>• Public health</li> </ul>
<b>File Type</b>	Bibliographic	
<b>Features</b>	Thesaurus	None
	<a href="#">Alerts (SDIs)</a>	Daily, weekly or biweekly (Weekly is the default)
	CAS Registry Numbers®	<input 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"/> STN Easy <input type="checkbox"/>
	Learning Database	<input type="checkbox"/> Structures <input type="checkbox"/> STN Viewer <input type="checkbox"/>
<b>Record Content</b>	<ul style="list-style-type: none"> <li>• Bibliographic Information</li> <li>• Abstracts</li> <li>• Author Keywords</li> </ul>	
<b>File Size</b>	More than 117,700 records (5/11)	
<b>Coverage</b>	Most recent eight weeks of EMBASE	
<b>Updates</b>	Daily	
<b>Language</b>	English	
<b>Database Producer</b>	In North America: Elsevier B.V. Bibliographic Databases 360 Park Avenue South New York, NY 10010-1710 USA Phone: 212-989-5800 Fax: 212-633-3990 E-mail: usembaseinfo@elsevier.com	

**Database  
Producer**

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Fax: (+81)-3-5561-5046  
E-mail: jpembaseinfo@elsevier.com

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**Sources**

- More than 4,600 journals from about 70 countries (approximately 95% of file)
  - Books, conference proceedings, and reports (approximately 5% of file)
- 

**User Aids**

- Online Helps (HELP DIRECTORY lists all help messages available)
  - STNGUIDE
  - EMBASE Quick Reference Guide: STN (available from the producer)
  - EMBASE List of Journals Indexed (available from the producer)
  - EMTREE Thesaurus (available from the producer)
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**Clusters**

None  
[STN Database Clusters](#) information (PDF).

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**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 (\*).

Search Field Name	Search Code	Search Examples	Display Codes
Basic Index * (contains single words from the title (TI) and abstract (AB), fields)	None (or /BI)	S STEREO? S MODIF? ENZYME# S ?MYCIN?	AB, TI
Abstract *	/AB	S PROTEAS?/AB S ?MYCIN?/AB	AB
Accession Number	/AN	S 2007446341/AN	AN
Author <b>(3)</b>	/AU	S GRAY D?/AU	AU
Corporate Source (contains author company name, address, and country) <b>(1,3)</b>	/CS	S UNIVERSITY/CS S (MEDICAL CENTER AND CHICAGO)/CS	CS
Country of Publication (ISO code and text)	/CY	S GB/CY S UNITED KINGDOM/CY	CY
Document Type (code and text)	/DT (or /TC)	S J/DT S JOURNAL/DT	DT
E-mail Address <b>(1)</b>	/EML	S ROBERT.FUJINAMI@HSC.UTAH.EDU/EML	CS, EML
Entry Date <b>(2)</b>	/ED	S L1 AND ED>=20070906	ED
Field Availability	/FA	S AB/FA S L2 AND EML/FA	Not displayed
International Standard (Document) Number (contains CODEN, ISBN, and ISSN)	/ISN	S JACHDX/ISN S 0022-3077/ISN S 9781573317726/ISN	ISN, SO
Journal Title (contains full and abbreviated title)	/JT	S TETRAHEDRON/JT S MED PHYS/JT	JT, JTA, JTF, SO
Language (ISO code and text)	/LA	S DE/LA S GERMAN/LA	LA
Publication Date <b>(2)</b>	/PD	S 20070000/PD	PD, SO
Publication Year <b>(2)</b>	/PY	S 2004-2005/PY	PY, SO
Publisher	/PB	S SPRINGER LONDON/PB	PB
Publisher Item Identifier	/PUI	S 0707244/PUI	PUI
Source (contains journal title, publication date, collation information (volume, issue, pagination), ISBN, ISSN, and CODEN)	/SO	S MEDICAL BULL?/SO	SO
Summary Language (code and text)	/SL	S EN/SL S ENGLISH/SL	SL
Supplementary Terms	/ST	S BLOOD GROUP/ST	ST
Title *	/TI	S PREP?/TI S (PROTEIN# AND PEPTIDE#)/TI S ?MYCIN?/TI	TI
Update Date <b>(2)</b>	/UP	S 20070906/UP	ED

**(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)** Use (L) to link AU CS pairs.

## Limiting Search Code

Only an L-number for an answer set created in EMBAL may be limited.

Search Field Name	Search Code	Search Examples
English language records	/ENGLISH	S L1/ENG (1)

(1) The code may be abbreviated to the first three letters.

## 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 BIB ABS; D L1 TI,AB. The fields are displayed or printed in the order specified.

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

Format	Content	Examples
AB	Abstract	D AB L4 1-5
AN (1)	Accession Number	D AN
AU	Author	D 1 5 7 AU CS CY
CS	Corporate Source	D 1,5,7 AU CS
CY	Country of Publication	D CY
DT (TC)	Document Type	D TI DT
ED	Entry Date	D ED
EML (2)	E-mail Address	D EML
ISN (2)	International Standard (Document) Number	D ISN
JT (2)	Journal Title, Full and Abbreviated	D 1- JT
JTA (2)	Journal Title, Abbreviated	D JTA
JTF (2)	Journal Title, Full	D JTF
LA	Language	D LA SL 1 3-9
PB	Publisher	D PB
PD (2)	Publication Date	D PD
PUI	Publisher Item Identifier	D PUI
PY (2)	Publication Year	D PY
SL	Summary Language	D LA SL
SO	Source	D AN SO
ST	Supplementary Terms	D ST
TI (1)	Title	D 1-25 AN TI
ABS	AB	D 1-4 ABS
ALL	AN, TI, AU, CS, SO, PB, PUI, CY, DT, LA, SL, ED, AB, ST	D ALL
AU.CS	AU, CS (grouped in pairs)	D AU.CS
BIB	AN, TI, AU, CS, SO, PB, PUI, CY, DT, LA, SL, ED (BIB is the default)	D 1- BIB
CBIB	AN, compressed bibliographic information	D CBIB
DALL	ALL, delimited for post processing	D DALL
IABS	ABS, with a text label	D IABS
IALL	ALL, indented with text labels	D IALL
IBIB	BIB, indented with text labels	D IBIB

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

SCAN (1,3)	TI, ST (random display without answer numbers)	D SCAN
TRIAL (TRI, SAM, FREE) (1)	TI, ST	D TRIAL TOTAL
HIT	Fields containing hit terms	D HIT
KWIC	Hit terms with 20 words on either side (KeyWord-In-Context)	D KWIC NOH
OCC (1)	Number of occurrences of hit terms and fields in which they occur	D OCC

(1) No online display fee for this format.

(2) Custom display only.

(3) 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
Citation	CIT	Y (2,3)	N
CODEN	CODEN	N	Y
Corporate Source	CS	Y	Y
Country of Publication	CY	Y	Y
Document Type	DT	Y	Y
E-mail Address	EML	Y	N
Entry Date	ED (UP)	Y	Y
International Standard (Document) Number	ISN	Y (4)	N
International Standard Serial Number	ISSN	N	Y
Journal Title	JT	Y (5)	Y
Journal Title, Abbreviated	JTA	Y (6)	Y
Journal Title, Full	JTF	Y (6)	Y
Language	LA	Y	Y
Occurrence Count of Hit Terms	OCC	N	Y
Publication Date	PD	Y	Y
Publication Year	PY	Y	Y
Publisher Item Identifier	PUI	Y	N
Source	SO	Y (7)	N
Summary Language	SL	Y	Y
Supplementary Terms	ST	Y	N
Title	TI	Y (default)	Y
Treatment Code	TC	Y (8)	Y

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

- (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 AU.
- (2) Extracts first author, publication year, volume, and first page with a truncation symbol appended and with /RE appended to the terms created by SELECT.
- (3) SELECT HIT and ANALYZE HIT are not valid with this field.
- (4) Selects or analyzes the ISSN and CODEN with /ISN appended to the terms created by SELECT.
- (5) Selects or analyzes the full and abbreviated journal titles.
- (6) Appends /JT to the terms created by SELECT.
- (7) Selects or analyzes ISSN and CODEN with /SO appended to the terms created by SELECT.
- (8) Appends /DT to the terms created by SELECT

**Sample Records****DISPLAY IALL**

ACCESSION NUMBER: 2010004700 EMBASE Alert (EMBAL)

TITLE: HIV-1 subtypes and differences in heterosexual HIV transmission among HIV-discordant couples in Rakai, Uganda.

AUTHOR: Kiwanuka, Noah (correspondence); Serwadda, David; Makumbi, Fred E.

CORPORATE SOURCE: Makerere University School of Public Health, P.O. Box 7072, Kampala, Uganda. nkiwanuka@rhsp.org

AUTHOR: Kiwanuka, Noah (correspondence); Makumbi, Fred E.

CORPORATE SOURCE: Rakai Health Sciences Program, Uganda Virus Research Institute, Entebbe, Uganda. nkiwanuka@rhsp.org

AUTHOR: Laeyendecker, Oliver; Quinn, Thomas C.; Reynolds, Steven J.

CORPORATE SOURCE: National Institutes of Allergy and Infectious Diseases, NIH, Bethesda, United States.

AUTHOR: Laeyendecker, Oliver; Quinn, Thomas C.; Shepherd, James; Kigozi, Godfrey; Kagaayi, Joseph

CORPORATE SOURCE: Johns Hopkins School of Medicine.

AUTHOR: Wawer, Maria J.; Gray, Ronald H.

CORPORATE SOURCE: Johns Hopkins University, Bloomberg School of Public Health, Baltimore, United States.

AUTHOR: Robb, Merlin

CORPORATE SOURCE: Henry M. Jackson Foundation, Rockville, MD, United States.

SOURCE: AIDS, (November 2009) Vol. 23, No. 18, pp. 2479-2484.  
Refs: 31  
ISSN: 0269-9370; E-ISSN: 1473-5571 CODEN: AIDSET

PUBLISHER: Lippincott Williams and Wilkins, 250 Waterloo Road, London, SE1 8RD, United Kingdom.

COUNTRY: United Kingdom

DOCUMENT TYPE: Journal; Article

LANGUAGE: English

SUMMARY LANGUAGE: English

ENTRY DATE: Entered STN: 5 Jan 2010  
Last Updated on STN: 5 Jan 2010

ABSTRACT: OBJECTIVE: To determine whether heterosexual transmission of HIV differs according to HIV-1 subtype. DESIGN: A retrospective observational cohort. METHODS: HIV-1 subtype effects on heterosexual HIV-1 transmission were determined among 268 HIV-discordant couples retrospectively identified from a population cohort in Rakai, Uganda. HIV-1 subtype (gag and gp41 sequencing and multiregion hybridization assay) and viral loads (reverse transcriptase PCR) were determined. Adjusted incidence rate ratios (adj IRR) of HIV transmission by subtype were estimated by multivariable Poisson regression adjusting for characteristics of index HIV-positive and HIV-negative partners. RESULTS: Adjusting for index HIV-positive partners' age, viral load,

stage of disease, genital ulcer disease, and HIV-negative partners' genital ulcer disease and nonuse of condoms, subtype A viruses were associated with a higher rate of transmission than subtype D [adj.IRR 1.98, 95% confidence interval (CI) 1.17-3.34], but no differences in transmission were observed between recombinant viruses and subtype D (aIRR 1.53, P = 0.25). Index-positive partners' age less than 30 years (adj.IRR 3.44, 95% CI 1.75-6.78) and viral load (adj.IRR 2.37, 95% CI 1.75-3.21), and index-negative partners' genital ulcer disease (adj.IRR 1.71, 95% CI 1.08-2.70) and nonuse of condoms (adj.IRR 1.94, 95% CI 1.15-3.28) were significant determinants of HIV transmission. CONCLUSION: In Rakai, Uganda, subtype A viruses have a significantly higher rate of heterosexual transmission than subtype D viruses. Differential subtype transmission efficiency may be important for HIV vaccine evaluation and could contribute to subtype-specific HIV epidemics in sub-Saharan Africa. .COPYRGT. 2009 Wolters Kluwer Health | Lippincott Williams & Wilkins.

SUPPLEMENTARY TERM: Discordant couples; HIV transmission; HIV-1 subtype; Uganda

**DISPLAY TRIAL**

TI Synergistic antitumor effect of melatonin with several chemotherapeutic drugs on human Ewing sarcoma cancer cells: Potentiation of the extrinsic apoptotic pathway.

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