

Pharmacovigilance Alerts with SDI Package on STN®



STN®

Agenda

- Lookup drug names in CAS REGISTRYSM
- STNIndex for query development
- Different queries in different databases
- Alert options
- Set up an alert with package delivery

Begin in CAS REGISTRY

- Largest public substance collection in the world
 - More than 70M organic and inorganic substances
 - More than 65M sequences
- Substances from journal articles, patents, chemical catalogs, and reputable web sources from the early 1800s to present
- Updated daily with ~12,000 substances
- Produced by CAS

Lookup drug name in CAS REGISTRY

=> FILE REGISTRY

=> E TOCILIZUMAB/CN 5

E1	1	TOCHUINOL ACETATE/CN
E2	1	TOCHUINYL ACETATE/CN
E3	1 -->	TOCILIZUMAB/CN
E4	1	TOCINAMIDE/CN
E5	1	TOCINAMIDE, DEAMINO-/CN

=> S TOCILIZUMAB/CN

L1	1	TOCILIZUMAB/CN
----	---	----------------

=> D

RN	375823-41-9	REGISTRY
CN	Immunoglobulin G1, anti-(human interleukin 6 receptor) (human-mouse monoclonal MRA heavy chain), disulfide with human-mouse monoclonal MRA κ -chain, dimer (CA INDEX NAME)	

REGISTRY records contain Other Names and CAS Registry Number® Locator

```
OTHER NAMES:
CN Actemra
CN Actemra 200
CN Atlizumab
CN MRA
CN R 1569
CN RoActemra
CN Tocilizumab
FS PROTEIN SEQUENCE
DR 339528-87-9
MF Unspecified
CI MAN
SR US Adopted Names Council (USAN)
LC STN Files: ADISINSIGHT, ANABSTR, CA, CAPLUS, CBNB, CHEMCATS,
CHEMLIST, EMBASE, IMSPATENTS, IMSRESEARCH, IPA, MRCK*,
PATDPASPC, RTECS*, TOXCENTER, USAN, USPAT2, USPATFULL
(*File contains numerically searchable property data)
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
```

USAN records have additional information about monoclonal antibodies

=> FILE USAN

=> S L1

L2 1 L1

=> D

L2 ANSWER 1 OF 1 USAN

Accession Number (AN): 2011:9950 USAN

Publication Year (PY): 2004

US Adopted Name (CN): Tocilizumab

OTHER NAMES:

Chemical Name (CN): Immunoglobulin G1, anti-(human interleukin 6 receptor) (human-mouse monoclonal MRA heavy chain), disulfide with human-mouse monoclonal K-chain, dimer. Molecular weight is approximately 144,986 daltons.

Code Designation (CN): MRA

CAS Registry No. (RN): 375823-41-9

Molecular Formula (MF): C6428 H9976 N1720 O2018 S42

USAN records include Treatment Classification Codes

```
Lin. Str. Formula (LSF): C6428 H9976 N1720 O2018 S42
Reference          (RE): International Nonproprietary Name
Classification     (CC): Treatment of Castelman's disease; treatment
                    of multiple myeloma; treatment of systemic
                    lupus erythematosus; treatment of Crohn's
                    disease; treatment of rheumatoid arthritis;
                    treatment of systemic juvenile idiopathic
                    arthritis.
```

STRUCTURE DIAGRAM IS NOT AVAILABLE

Use SELECT CHEM to extract chemical names and Registry Numbers for a query

```
=> FILE REGISTRY
```

```
=> SEL CHEM L1
```

```
E6 THROUGH E15 ASSIGNED
```

```
=> D SEL E6-E15
```

E6	1	ACTEMRA 200/BI
E7	1	ACTEMRA/BI
E8	1	ATLIZUMAB/BI
E9	1	IMMUNOGLOBULIN G1, ANTI-(HUMAN INTERLEUKIN 6 RECEPTOR) (HUMAN-MOUSE MONOCLONAL MRA HEAVY CHAIN), DISULFIDE WITH HUMAN-MOUSE MONOCLONAL MRA K-CHAIN, DIMER/BI
E10	1	MRA/BI
E11	1	R 1569/BI
E12	1	ROACTEMRA/BI
E13	1	TOCILIZUMAB/BI
E14	1	339528-87-9/BI
E15	1	375823-41-9/BI

Use SELECT CHEM to extract chemical names and Registry Numbers for a query (cont.)

```
=> QUE E7,E8,E11-E15 OR R1569
```

```
L3  QUE (ACTEMRA/BI OR ATLIZUMAB/BI OR "R 1569"/BI OR ROACTEMRA/BI  
    OR TOCILIZUMAB/BI OR 339528-87-9/BI OR 375823-41-9/BI) OR R1569
```

```
=> FILE HCAPLUS
```

```
=> S MRA
```

```
L4  5100 MRA
```

```
=> D HIT 1 50 100 250 300
```

```
TI  The role of mineralocorticoid receptor antagonists (MRAs)
```

```
AB  ● ● ● marrow repopulating ability (MRA)
```

```
AB  ● ● ● utilizing multiple regression anal. (MRA)
```

```
AB  ● ● ● magnetic resonance angiog. (MRA)
```

```
AB  ● ● ● two clusters of genes, mra and mrb,
```

```
=> DELETE L4 Y
```

STNIndex for query development

=> INDEX PHARMACOLOGY -PNTTEXT

```
INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, BIOENG, BIOSIS, BIOTECHNO,  
CAPLUS, CBNB, CIN, CONFSCI, DDFB, DDFU, DGENE, DISSABS,  
DRUGB, DRUGU, EMBAL, EMBASE, ESBIODBASE, IFIPAT, IMSPATENTS,  
IMSRESEARCH, IPA, KOSMET, LIFESCI,  
MEDLINE, NAPRALERT, PASCAL, PCTGEN, ...' ENTERED  
35 FILES IN THE FILE LIST IN STNINDEX
```

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0* with SET DETAIL OFF.

=> S UNINTENDED (1W) INTERACTION

```
1 FILE ADISNEWS  
2 FILE BIOENG  
7 FILE BIOSIS  
9 FILE CAPLUS
```

● ● ●

```
10 FILE TOXCENTER
```

```
18 FILES HAVE ONE OR MORE ANSWERS, 35 FILES SEARCHED IN STNINDEX  
L4 QUE UNINTENDED (1W) INTERACTION
```

STNindex for query development (cont.)

=> S UNINTENDED (2A) INTERACTION

```

1 FILE ADISNEWS
2 FILE BIOENG
12 FILE BIOSIS
15 FILE CAPLUS
2 FILE CBNB
1 FILE DDFU
9 FILE DISSABS
1 FILE DRUGU
14 FILE EMBASE
8 FILE ESBIODBASE
7 FILE IFIPAT
2 FILE IPA
4 FILE LIFESCI
13 FILE MEDLINE
7 FILE PASCAL
30 FILE PQSCITECH
23 FILE SCISEARCH
18 FILE TOXCENTER

```

18 FILES HAVE ONE OR MORE ANSWERS, 35 FILES SEARCHED IN STNINDEX

L5 QUE UNINTENDED (2A) INTERACTION

- Use STNindex to test different search strategies and compare numbers of answers.
- L-numbers are packaged queries, not answer sets.

Intermediate L-numbers can be deleted

=> DEL L4- Y

=> S L3 AND (((ADVERSE OR SIDE OR UNWANT? OR UNINTEN? OR UNDESIR?)
(2A) (INTERACTION OR RESPONSE OR REACTION OR EFFECT OR EVENT OR
OUTCOME)) OR (TOLERA? OR HARM#### OR ?TOXIC?) OR (POSTMARKET
SURVE? OR POST MARKET SURVE?))

```

228   FILE ADISCTI
    2*  FILE ADISINSIGHT
    53   FILE ADISNEWS
135   FILE BIOSIS
169   FILE CAPLUS
    39   FILE CBNB
136   FILE DDFU
    4    FILE EMBAL
    910  FILE EMBASE
    205  FILE MEDLINE
    31   FILE PQSCITECH
    121  FILE SCISEARCH
    281  FILE TOXCENTER
  
```

- A number of strategies were tested to come up with a broad generic search, then deleted.
- L3 = chemical name and RN query.

L4 QUE L3 AND (((ADVERSE OR SIDE OR UNWANT? OR UNINTEN? OR ● ● ●

D RANK reorders files by number of hits

=> D RANK

F1	910	EMBASE
F2	281	TOXCENTER
F3	228	ADISCTI
F4	205	MEDLINE
F5	169	CAPLUS
F6	153	DRUGU
F7	136	DDFU
F8	135	BIOSIS
F9	121	SCISEARCH
F10	53*	ADISNEWS
F11	50	ESBIOBASE
F12	50*	IPA
F13	48	PASCAL
F14	39	CBNB
F15	31	PQSCITECH
● ● ●		
F19	4	EMBAL
● ● ●		

- Use Database Summary Sheets to find out more information about a specific database.
- An asterisk (*) next to a file name generally means some part of the search did not work in that file.

HELP commands

- The master HELP command in any database is HELP DIRECTORY
 - Lists all HELP for an individual file
- For HELP in a multfile environment, use a specific database name, e.g.,
 - => FILE MEDLINE, EMBASE**
 - => HELP THESAURUS FILE=EMBASE**
 - => HELP LLIMIT FILE=MEDLINE**

STN multfile alerts can use different queries in different databases

- Many databases have unique search features that can be leveraged for relevant results, e.g.,
 - CAS roles in CPlus databases
 - MeSH indexing, limiters, and subheadings in MEDLINE
 - Indexing, limiters, and Link terms in EmbaseTM
- Multifile alerts with individual frequency settings, or single package alert delivery
- Query can be different in each database

CAplusSM/HCAplus

- More than 35M records from Chemical AbstractsTM between 1907 – present, from
 - Worldwide scientific journals (more than 10,000)
 - Patent publications from 63 patent authorities
- All areas of chemistry, biochemistry, chemical engineering, and life sciences
- Contains CAS Roles
- Updated daily with ~4500 records
- Produced by CAS

Use RNs and roles in CAplus alerts

- SMARTracker alerts (XFILE) are typically used for RN crossover between REGISTRY and CA files
 - Cannot be used with any other multifile alert
- Search RNs in /IT field if you want to include just a few known Registry Numbers
- Use CAS Roles as synonyms for words

EXPAND Keyword Terms

- EXPAND Keyword Terms (+KT) in the Controlled Terminology field to find headings that can be explored further.
- Type **HELP RCODES** for relationship codes.

```
=> FILE HCAPLUS
```

```
=> DELETE EXPAND Y
```

```
=> E ADVERSE+KT/CT
```

```
E1          0    --> Ad
E2          0    KT   Adverse drug effects/CT
E3          0    KT   Adverse drug interactions/CT
E4          0    KT   Adverse interactions/CT
E5          0    KT   Adverse interactions (drug)/CT
E6          0    KT   Drug adverse effect/CT
E7          0    KT   Drug adverse effects/CT
E8          0    KT   Drug interactions (L) adverse/CT
E9          0    KT   Torsadogenic adverse effects/CT
***** END *****
```

```
=> E E2+ALL
```

```
E10         0    --> Adverse drug effects/CT
E11        26649  USE  Drug toxicity/CT
***** END *****
```

Explore the CAS Lexicon for terminology

=> E E11+ALL

E12	0	BT2	Biological processes and phenomena (non-CA heading)/CT
E13	0	BT1	Pharmaceutical phenomena (non-CA heading)/CT
E14	0	BT2	Biological processes and phenomena (non-CA heading)/CT
E15	84226	BT1	Toxicity/CT
E16	26649	-->	Drug toxicity/CT HNTE Valid heading during volume 136 (2002) to present.
E17		OLD	Toxicity (L) drug/CT
E18		UF	Adverse drug effects/CT
E19		UF	Drug adverse effect/CT
E20		UF	Drug adverse effects/CT
E21		UF	Drug overdose/CT
E22		UF	Drug side effect/CT
E23		UF	Drug side effects/CT
E24		UF	Drug toxicities/CT
E25	996	NT1	Drug allergy/CT
E26	48627	RT	Drugs/CT
E27	213	RT	Erythema nodosum/CT
E28	2267	RT	Therapeutic drug monitoring/CT

Search individual RNs in the Index Term (IT) field

```
=> S (ACTEMRA/BI OR ATLIZUMAB/BI OR "R 1569"/BI OR ROACTEMRA/BI OR
    TOCILIZUMAB/BI OR 339528-87-9/IT OR 375823-41-9/IT) OR R1569
L5      544 (ACTEMRA/BI OR ATLIZUMAB/BI OR "R 1569"/BI OR • • •
```

Search the RNs in the IT field to prevent automatic REG1stRY crossover during an alert run.

```
=> S L5 AND (((ADVERSE OR SIDE OR UNWANT? OR UNINTEN? OR UNDESIR?)
    (2A) (INTERACTION OR RESPONSE OR REACTION OR EFFECT OR EVENT OR
    OUTCOME)) OR (TOLERA? OR HARM#### OR DRUG TOXICITY+PFT,NT/CT) OR
    (POSTMARKET SURVE? OR POST MARKET SURVE?))
L6      128 L5 AND (((ADVERSE OR SIDE OR UNWANT? OR UNINTEN? • • •
```

```
=> S (ACTEMRA/IT OR ATLIZUMAB/IT OR R 1569/IT OR R1569/IT OR
    ROACTEMRA/IT OR TOCILIZUMAB/IT OR 339528-87-9/IT OR
    375823-41-9/IT) (L) (ADV OR DMA OR PAC OR PKT)/RL
L7      272 (ACTEMRA/IT
```

```
=> S L6 OR L7
L8      315 L6 OR L7
```

Link (L) roles to terms to find them together in a single index field. Use roles as a synonym for keywords.

Set up HCAplus Alert

=> ALERT

```
ENTER QUERY L# FOR SDI REQUEST OR (END) : L8
ENTER UPDATE FIELD CODE (UP), UPM, UPIT, UPI, ED, UPP, UPOG OR ? : UPM
ENTER SDI REQUEST NAME, (AA052/S), OR END : TOCILHCA/S
ENTER COST CENTER (NONE) OR NONE : NONE
ENTER TITLE (NONE) : TOCILIZUMAB MONITORING HCAPLUS
ENTER METHOD OF DELIVERY (EMAIL), ONLINE OR RSS : EMAIL
ENTER EMAIL ID (5584C) : R...@ABC.COM
RECEIVE DELIVERY NOTIFICATION? (Y)/N : N
ELIMINATE PREVIOUSLY SEEN ANSWERS WITH EACH SDI RUN? Y/(N) : Y
ENTER PRINT FORMAT (BIB) OR ? : BIB ABS
HIGHLIGHT HIT TERMS? (Y)/N : Y
ARCHIVE ANSWERS? Y/(N) : N
REDISTRIBUTE ANSWERS? Y/(N) : N
ENTER MAXIMUM NUMBER OF HITS TO BE DELIVERED PER RUN (100) : .
SORT SDI ANSWER SET (N)/Y? : N
SEND SDI WITH NO ANSWERS? (Y)/N : N
DISPLAY CURRENCY INFORMATION? (Y)/N : Y
ENTER SDI RUN FREQUENCY - DAILY, (WEEKLY), BIWEEKLY, OR ? : WEEKLY
ENTER SDI EXPIRATION DATE 'YYYYMMDD' OR (NONE) : NONE
QUERY L8 HAS BEEN SAVED AS SDI REQUEST 'ACTEMRAHCA/S'
```

MEDLINE®

- Bibliographic database covering biomedical literature (1946 – present), including articles in press
- Contains Registry Numbers
- MeSH Thesaurus 2012
 - Medical Subject Headings vocabulary and tree numbers
- Updated five times per week, annual reload
- Produced by the US National Library of Medicine

MEDLINE LIMIT search codes

=> FILE MEDLINE

=> HELP LLIMIT

SEARCH AREA	CODE	EXAMPLE
Animal subject	/ANIMAL	S L4/ANI
English-language	/ENGLISH	S L1/MAJ,ENG
Female subject	/FEMALE	S L3/FEM
Human subject	/HUMAN	S L1/HUM
Major descriptor	/MAJOR	S L1/MAJ
Male subject	/MALE	S L2/MAL

You can quickly restrict the search to one or more of the areas by adding a slash (/) and the desired area to the L-number of an answer set created in this file. Only L-numbers may be limited, i.e., search terms may not be directly limited. The L-number must represent an answer set.

• • •

LIMIT codes can be used to focus an answer set to indexed documents, e.g., =>**S L10/MAJ,HUMAN.**

EXPAND Keyword Terms (KT) in the MeSH thesaurus

```
=> FILE MEDLINE
```

```
=> DELETE EXPAND Y
```

```
=> E ADVERSE+KT/CT
```

```
E1          0    -->  Adverse/CT
E2          0    KT    Adverse Drug/CT
E3          0    KT    Adverse Drug Event/CT
E4          0    KT    Adverse Drug Events/CT
E5          0    KT    Adverse Drug Reaction/CT
E6         4904   KT    Adverse Drug Reaction Reporting Systems/CT
E7          0    KT    Adverse Drug Reactions/CT
E8        1236117 KT    Adverse Effects/CT
E9          0    KT    Drug Event, Adverse/CT
E10         0    KT    Drug Events, Adverse/CT
E11         0    KT    Drug Reaction Reporting Systems, Adverse/CT
E12         0    KT    Drug Reaction, Adverse/CT
E13         0    KT    Drug Reactions, Adverse/CT
E14         0    KT    No Observed Adverse Effect Level/CT
***** END *****
```


Subheading qualifier definitions are part of MeSH

=> E E8+ALL

```

E15      1236117    -->    Adverse Effects/CT
E16      1236117    QLF     adverse effects/CT
E17      1236117    QA      AE/CT
          QCAT     A18.; D1.; D2.; D3.; D4.; D5.; D6.; D8.;
          D9.; D10.; D12.; D13.; D20.; D23.; D25.;
          D26.; D27.; E2.; E3.; E4.; E6.; E7.; J2.
          QNOTE    Used with drugs, chemicals, or biological
                   agents in accepted dosage - or with physical
                   agents or manufactured products in normal
                   usage - when intended for diagnostic,
                   therapeutic, prophylactic, or anesthetic • • •

```

=> E E4+ALL

```

E19      0          -->    Adverse Drug Events/CT
E20      5216      USE     Drug Toxicity/CT
***** END *****

```

=> E E20+ALL

• • •

MeSH headings can be qualified with subheading hierarchies

=> S L3

L9 582 L3 (ACTEMRA/BI OR ATLIZUMAB/BI OR "R 1569"/BI OR • • •

=> D SCAN

L9 ANSWERS 582 MEDLINE® on STN

TI A case of peripheral neuropathy and skin ulcer in a patient with rheumatoid arthritis after a single infusion of **tocilizumab**.

CT Check Tags: Female

Antibodies, Monoclonal: AD, administration & dosage

*Antibodies, Monoclonal: AE, adverse effects

Antibodies, Monoclonal: BL, blood

Antibodies, Monoclonal, Humanized

*Arthritis, Rheumatoid: DT, drug therapy

• • •

RN 9001-32-5 (Fibrinogen); 9007-41-4 (C-Reactive Protein)

CN Antibodies, Monoclonal; Antibodies, Monoclonal, Humanized; Interleukin-6; Vascular Endothelial Growth Factor A; **tocilizumab**

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

The AE qualifier is linked to the subject heading

```
L9  ANSWERS 582      MEDLINE®  on STN
TI  Onset of inflammatory eye disease under tocilizumab treatment for
    rheumatologic conditions: a paradoxical effect?.
CT  Check Tags: Male
    Adult
    Aged
    *Antibodies, Monoclonal, Humanized: AE, adverse effects
    Antibodies, Monoclonal, Humanized: TU, therapeutic use
    *Antirheumatic Agents: AE, adverse effects
    Antirheumatic Agents: TU, therapeutic use
    *Arthritis, Rheumatoid: DT, drug therapy
    *Eye Diseases: CI, chemically induced
    Humans
    Inflammation: CI, chemically induced
    Receptors, Interleukin-6: AI, antagonists & inhibitors
CN  Antibodies, Monoclonal, Humanized; Antirheumatic Agents;
    Receptors, Interleukin-6; tocilizumab

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

Search indexed subheading hierarchies and free text

```
=> S ANTIBODIES, MONOCLONAL?/CT (L) (AE OR TO OR PO OR CT)/CT
L10 9902 S ANTIBODIES, MONOCLONAL?/CT (L) (AE OR TO OR PO OR
CT)/CT
```

Alternatively, you can search a related subheading group together by adding a period to a 2-letter code, e.g., AE./CT, which searches (AE OR TO OR PO)/CT.

```
=> S L9 AND L10
L11 113 L9 AND L10
```

```
=> S L9 AND (((ADVERSE OR SIDE OR UNWANT? OR UNINTEN? OR UNDESIR?)
(2A) (INTERACTION OR RESPONSE OR REACTION OR EFFECT OR EVENT OR
OUTCOME)) OR (TOLERA? OR HARM#### OR ?TOXIC?) OR (POSTMARKET
SURVE? OR POST MARKET SURVE?))
L12 205 L9 AND (((ADVERSE OR SIDE OR UNWANT? OR UNINTEN? • • •
```

```
=> S L11 OR L12
L13 206 L11 OR L12
```

Embase

- Bibliographic database covering medical and pharmaceutical information from non-patent literature (1947 – present)
- Approximately 700K conference papers added
- Contains Registry Numbers
- Embase Emtree Thesaurus
- Updated daily
- Produced by Elsevier B.V.



LIMIT codes in Embase

=> **HELP LLIMIT**

Search results may be restricted to the following search areas in the EMBASE file.

SEARCH AREA	CODE	EXAMPLE
-----	----	-----
Animal subject	/NONHUMAN	S L4/NON
English-language records	/ENGLISH	S L1/MAJ,ENG
Female subject	/FEMALE	S L3/FEM
Human subject	/HUMAN	S L1/HUM
Major descriptor	/MAJOR	S L1/MAJ
Male subject	/MALE	S L2/MAL

You can quickly restrict the search to one or more of the areas by adding a slash (/) and the desired area to the L-number of an answer set created in this file. Only L-numbers may be limited, i.e., search terms may not be directly limited.

You can also search for major terms in the Controlled Term (/CT) field by preceding the search term with an asterisk (*), e.g.,
S *LUNG EMBOLISM/CT.

Embase indexing includes Link Terms

=> FILE EMBASE

=> S L3

L14 1615 (ACTEMRA/BI OR ATLIZUMAB/BI OR "R 1569"/BI OR
ROACTEMRA/BI OR TOCILIZUMAB/BI OR 339528-87-9/BI OR
375823-41-9/BI) OR R1569

=> S L14 AND (((ADVERSE OR SIDE OR UNWANT? OR UNINTEN? OR UNDESIR?)
(2A) (INTERACTION OR RESPONSE OR REACTION OR EFFECT OR EVENT OR
OUTCOME)) OR (TOLERA? OR HARM#### OR ?TOXIC?) OR (POSTMARKET
SURVE? OR POST MARKET SURVE?))

L15 910 L14 AND (((ADVERSE OR SIDE OR UNWANT? OR UNINTEN? ● ● ●

=> S (TOCILIZUMAB/CT (L) (AE OR TO)/CT)

L16 233 (TOCILIZUMAB/CT (P) (AE OR TO)/CT)

=> S L15 OR L16

L17 910 L15 OR L16

- Embase has controlled term subheadings called Link Terms, e.g., AE, adverse effects: **S TOCILIZUMAB (L) AE/CT**.
- Type **HELP LTERMS** for more information.

EMBAL – Embase Alerts

- Alert file for Embase content
- Contains the most recent 8 weeks of Embase coverage
- Now contains Articles in Press! New in 2013
- Not indexed
- Updated daily
- Produced by Elsevier B.V.



EMBAL contains Embase records before they are indexed

```
=> FILE EMBAL
```

Use the broad, free text query since there is no indexing in EMBAL.

```
=> S L15
```

```
L18      4 L14 AND (((ADVERSE OR SIDE OR UNWANT? OR UNINTEN? OR  
          UNDESIR?) (2A) (INTERACTION OR RESPONSE OR REACTION OR  
          EFFECT OR EVENT OR OUTCOME)) OR (TOLERA? OR HARM#### OR  
          ?TOXIC?) OR (POSTMARKET SURVE? OR POST MARKET SURVE?))
```

There are two delivery options for multifile (MFILE) alerts

- Package delivery
 - Weekly or monthly delivery, regardless of file update
 - All results in a single, de-duplicated package
- Separate results for each file
 - Individual file update frequency, e.g., can mix daily and weekly delivery
 - De-duplicated between databases

Type **HELP ALERT** or **HELP SDPACKAGE** for more information.

Set up an ALERT PACKAGE for weekly delivery

=> FILE HCAPLUS MEDLINE EMBAL EMBASE

=> ALERT PACKAGE

General parameters are set up first.

ENTER MULTIFILE SDI TYPE (MFILE) OR END: **MFILE**

MULTIFILE SDI GENERAL PARAMETERS

ENTER MULTIFILE SDI REQUEST NAME ('AA052/S'), OR END: **TOCIL2/S**

ENTER TITLE (NONE): **TOCILIZUMAB ADVERSE EFFECTS**

ENTER COST CENTER (NONE) OR NONE: .

ENTER METHOD OF DELIVERY (EMAIL), ONLINE OR RSS: **EMAIL**

ENTER EMAIL ID (5584C): **R...@ABC.COM**

RECEIVE DELIVERY NOTIFICATION? (Y)/N: **N**

ELIMINATE PREVIOUSLY SEEN ANSWERS WITH EACH SDI RUN? Y/(N): **Y**

SET FILE ANSWER PREFERENCE FOR DUPLICATE REMOVAL? (N)/Y: **Y**

CURRENT FILE PREFERENCE:

- 1) HCAPLUS
- 2) MEDLINE
- 3) EMBAL
- 4) EMBASE

ENTER THE NUMBER OF THE FIRST PREFERRED FILE (OR END): **2**

• • •

Display formats must work in all files for package delivery

```

CURRENT FILE PREFERENCE:      1) MEDLINE
                              2) HCAPLUS      <---
                              3) EMBAL
                              4) EMBASE

ENTER THE NUMBER OF THE NEXT PREFERRED FILE (OR END) : END
FILE PREFERENCE:      1) MEDLINE
                      2) HCAPLUS
                      3) EMBAL
                      4) EMBASE

ENTER PRINT FORMAT (FILEDEFAULT) OR ? : BIB ABS
HIGHLIGHT HIT TERMS? (Y)/N : Y
ARCHIVE ANSWERS? Y/(N) : N
REDISTRIBUTE ANSWERS? Y/(N) : N
ENTER MAXIMUM NUMBER OF HITS TO BE DELIVERED PER FILE (100) : .
SORT SDI ANSWER SET (N)/Y? : N
SEND SDI WITH NO ANSWERS? (Y)/N : Y
DISPLAY CURRENCY INFORMATION? (Y)/N : Y
ENTER FREQUENCY OF UPDATE (MONTHLY) OR WEEKLY : WEEKLY
ENTER SDI EXPIRATION DATE 'YYYYMMDD' OR (NONE) : NONE
-----

```

File preference can be re-ordered.

SDI Package

MULTIFILE SDI FILE SPECIFIC PARAMETERS: MEDLINE

ENTER COMPONENT SDI REQUEST NAME ('AA052/S') OR END: **TOCILMED/S**

ENTER QUERY L# FOR MULTIFILE SDI REQUEST OR END: **L13**

ENTER UPDATE FIELD CODE (ED), UP OR ?: **UP**

MULTIFILE SDI FILE SPECIFIC PARAMETERS: HCAPLUS

ENTER COMPONENT SDI REQUEST NAME ('AA052/S') OR END: **TOCILHCA/S**

'TOCILHCA/S' IN USE AS A SINGLE FILE SDI

MOVE 'TOCILHCA/S' TO THIS MULTIFILE SDI? (Y)/N: **Y**

CHANGE FILE SPECIFIC PARAMETERS? (N)/Y: **N**

MULTIFILE SDI FILE SPECIFIC PARAMETERS: EMBAL

ENTER COMPONENT SDI REQUEST NAME ('AA052/S') OR END: **TOCILEMBAL/S**

ENTER QUERY L# FOR MULTIFILE SDI REQUEST OR END: **L18**

ENTER UPDATE FIELD CODE (ED), UP OR ?: **UP**

SDI Package (cont.)

MULTIFILE SDI FILE SPECIFIC PARAMETERS: EMBASE

ENTER COMPONENT SDI REQUEST NAME ('AA052/S') OR END: **TOCILEMB/S**
ENTER QUERY L# FOR MULTIFILE SDI REQUEST OR END: **L17**
ENTER UPDATE FIELD CODE (ED), UP, EDAL, UPAL OR ?: **UP**

MULTIFILE SDI HAS BEEN SAVED AS SDI REQUEST 'TOCIL2/S'

QUERY L13 HAS BEEN SAVED AS SDI REQUEST 'TOCILMED/S' FOR FILE
MEDLINE

QUERY TOCILHCA/S HAS BEEN SAVED AS SDI REQUEST 'TOCILHCA/S' FOR FILE
HCAPLUS

QUERY L18 HAS BEEN SAVED AS SDI REQUEST 'TOCILEMBAL/S' FOR FILE
EMBAL

QUERY L17 HAS BEEN SAVED AS SDI REQUEST 'TOCILEMB/S' FOR FILE EMBASE

Results delivery

From: 5584C@stnc.cas.org
To: R...@abc.com
Cc:
Subject: STN Results: TOCILIZUMAB ADVERSE EFFECTS

Your STN results are just a click away. STN brings you more electronic delivery options than ever. Delivering sci-tech information as you like it, STN is proud to be your choice for the most current and timely information available.

Click on a link below to retrieve your results:

Title: **TOCILIZUMAB ADVERSE EFFECTS**
Reference Number: **AJ80071C**
Number of Answers: **15**
File Names: **MEDLINE HCAPLUS EMBASE**
SDI Name: **TOCIL2/S**
SDI Run Number: **31**
SDI Run Date: **AUG 6, 2012**

1. [RTF](#) (Rich Text Format)
2. [PDF](#) (Adobe Portable Document Format)
3. [Self-extracting](#) or [Zipped](#) HTML (Hypertext Markup Language)
4. [Plain Text](#) (ASCII)

All formats except Plain Text include images.

Links will expire 90 days from the date this message was sent. Be sure to save your results.

If you have any questions regarding these options or require assistance retrieving your results, please contact the [Help Desk](#).

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Other files to consider for drug alerts

- ADISNEWS (REACTIONS file segment)
 - Updated daily
 - Queries can be limited to the REACTIONS file segment, e.g., => **S L18 AND REACTIONS/FS**
- BIOSIS
 - Updated weekly
- Derwent Drug File (DDFU)
 - Updated weekly
 - Drug roles – type **HELP ROLES**
=> **S TOCILIZUMAB *AE**

Resources

- For more information about purchasing archive and redistribution rights, visit the STN Keep & Share website

www.cas.org/legal/keepshare

- Additional reference documents available in CAS Learning Solutions
 - Find a comprehensive list of drug names
 - Create a search term command file

learningsolutions.cas.org