

What is SciFinder Scholar?

Contains references back to 1900 to research published in journals, patents, books, theses, conference proceedings, etc. Covers many scientific subjects, chemistry and the life sciences including biochemistry, biology, pharmacology, medicine, and related disciplines.

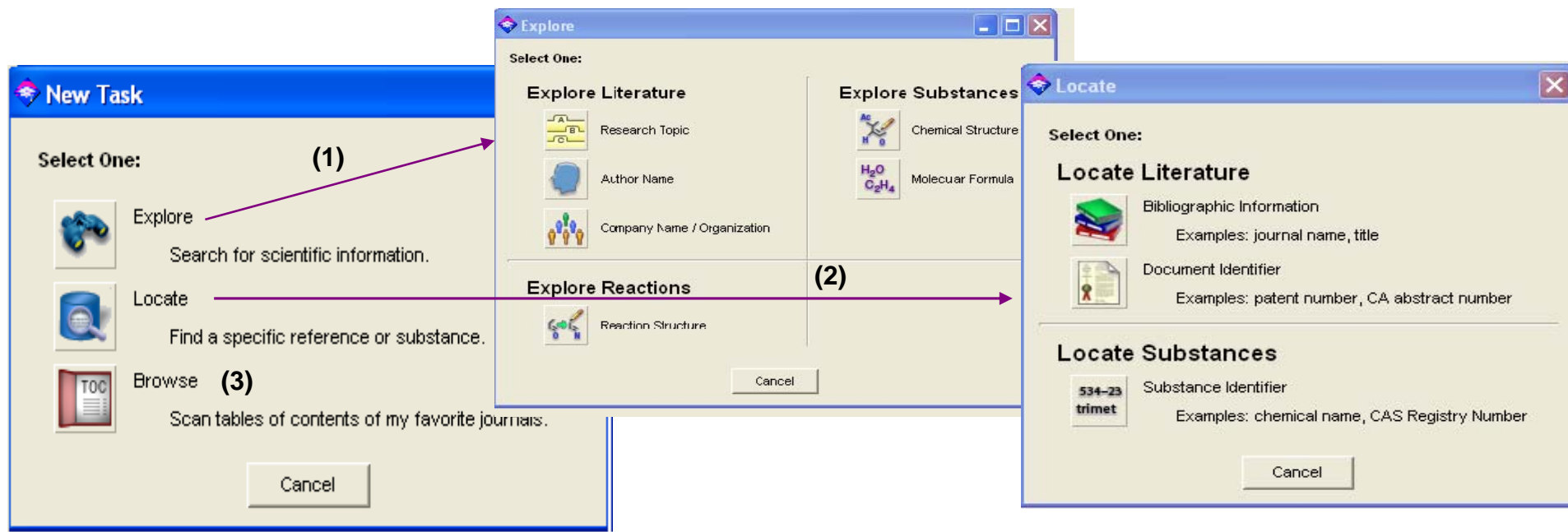
- Patent & journal references:CAplus (1907-) >25 million, Medline (1950-) >15 millions. 9,000 journals and patents from > 50 patent-issuing authorities.
- Substance information : >27 millions.
- Chemical reactions :> 9 millions.
- Regulated chemicals Information : >200,000.
- Commercially available substances : >8 millions.

Where to find ?

Locate SciFinder Scholar at the NUS Library Home page (www.lib.nus.edu.sg). Download and install client software onto your PC/laptop and also download Accelrys ViewerLite to view 3D molecular models for structures. Once installed, access SFS from your PC/laptop. Need help, refer to FAQ (http://libpweb.nus.edu.sg/help/digital/access_scifinder.html)

How to search?

- (1) **Explore** – keyword search for topic, name and organization ; Draw structure for substance or specify its role for reaction search.
- (2) **Locate** – Locate a reference from a journal or a patent by keyword search ; Locate a substance by its name and registry number.
- (3) **Browse** – Retrieve a reference by browsing from a list of journals.



The screenshot displays the SciFinder Scholar software interface. The main window is titled "New Task" and contains three options under "Select One:":

- Explore** (1): Search for scientific information.
- Locate** (2): Find a specific reference or substance.
- Browse** (3): Scan tables of contents of my favorite journals.

Two sub-dialog boxes are shown:

- Explore**: A dialog box with "Select One:" options:
 - Explore Literature**: Research Topic, Author Name, Company Name / Organization.
 - Explore Substances**: Chemical Structure, Molecular Formula.
 - Explore Reactions**: Reaction Structure.
- Locate**: A dialog box with "Select One:" options:
 - Locate Literature**: Bibliographic Information (Examples: journal name, title), Document Identifier (Examples: patent number, CA abstract number).
 - Locate Substances**: Substance Identifier (Examples: chemical name, CAS Registry Number).

How to interpret the results list?

For topic search, SFS gives a list of results with various combinations of words keyed in

Select Candidates of interest:

- 2 references were found containing "Spider with toxin or venom" as entered.
- 3884 references were found containing the concept "Spider", and either the concept "toxin" or the concept "venom". The concepts found were closely associated with one another.
- 4734 references were found containing the concept "Spider", and either the concept "toxin" or the concept "venom". The concepts found were present anywhere (perhaps widely separated) within the reference.
- 1948 references were found containing the two concepts "Spider" and "toxin" closely associated with one another.
- 3442 references were found where the two concepts "Spider" and "toxin" were present anywhere in the reference.
- 2934 references were found containing the two concepts "Spider" and "venom" closely associated with one another.

Result contained all words as entered

Words appear in the same sentence

Words appear anywhere in the same document

Other searching tips:

What is Registry no.? : eg. 103-90-2 is registry no. for Paracetamol

What is Patent no.? : US 33335016 is a US patent.

How to search for substance or reaction by drawing? : use Explore Substances or Explore Reactions, it provides structure tools.

Who cited works of Grubbs, R. H, 2005 Nobel prize winner in chemistry ? :

Retrieve his articles by Explore Literature => Author Name, At the record screen =>

Get Related => Citing references.

What are the other functions?

How to access full text of journal article and patent?

For journal – at ChemPort interface, select [NUS Libraries Full Text Link](#) or check [LINC](#), after campus login, click [NUS Libraries - ISSN Search](#).

Hyperlink to full text journal is provided in LINC if NUS has a subscription

For patent – Direct link to full text document.

Change record display format

Help!

view details of records

move to previous screen

No. of records retrieved

narrow results list by **Analyze** and **Refine** result

broaden results list by **'Get Related'**