

BasicBIOSIS vs. Biological Abstracts® vs. BIOSIS Previews®

October 2006

	<i>BasicBIOSIS</i>	<i>Biological Abstracts</i>	<i>BIOSIS Previews</i>
Electronic File	2002 – (4 years + current year rolling file)	1926 –	1926 –
Print Counterpart	No	Since 1926, 24 issues / year	No
Total number of records	~ 400,000	> 11 million	> 18 million
Records added annually	> 88,000	> 350,000	> 500,000
Frequency	Monthly	Monthly	Weekly
Source Titles	< 370	> 3,700	> 5,000
Content Focus	Abstracts and specialized indexing for life science items in English popular science & news sources	Abstracts and specialized indexing for research journals from 1926 -	All <i>Biological Abstracts</i> (1926-) + review literature + books + meetings + unique meeting abstracts + patents
Discipline Coverage	Coverage of popular life sciences publications.	Coverage of every area of the life sciences, connecting researchers with critical journal coverage on topics from botany to microbiology to pharmacology. Plus, coverage includes emerging new life sciences fields such as nanobiology and genetically modified foods.	Coverage of virtually every life sciences discipline – including traditional biology (botany, ecology, zoology), interdisciplinary subjects (biochemistry, biomedicine, and biotechnology), and related areas (instrumentation and methods).
Global Coverage	English-only publications	Global publications and abstracts translated into English	Global publications and abstracts translated into English
U.S. Patents	None	None	1995 – current 1986 – 1989
Meetings	Meeting reports & summaries	None in current <i>Biological Abstracts</i> ; meeting reports in backyears	Yes
MESH Disease Headings	Yes	Yes	Yes
CAS Registry Numbers	No	Yes	Yes
Vendors	Ebsco, OCLC	Ebsco, Ovid/Ovid, Ovid/SilverPlatter, TS/ISI Web of Knowledge	DataStar, Dialog, DIMDI, Ovid/Ovid, Ovid/SilverPlatter, STN, TS/ISI Web of Knowledge

Search Example: Lead Poisoning

Database	Results
BasicBIOSIS	65
Biological Abstracts (2002-Present)	367
BIOSIS Previews (2002-Present)	524
Biological Abstracts (1926-Present)	2,433

Biological Abstracts Results Analysis

367 records. TS=(

Rank the records by:	Analyze:	Set display options:	Sort by:
Language	Up to 100000 records.	Show the top 500 results. Minimum record count (threshold): 1	<input checked="" type="radio"/> Record count <input type="radio"/> Selected field

ANALYZE Rank results by the selected field.

BIOSIS Previews®

WELCOME | HELP | GENERAL SEARCH | SEARCH HISTORY | ADVANCED SEARCH

Full Record

Record 2 of 2 | SUMMARY

Accession Number: PREV200200067491

Document Type: Patent

Title: Method and kits for detecting a polymorphism in delta is associated with an altered susceptibility to **lead poisoning**

Inventor(s): [Desnick, R. J.](#); [Wetmur, J. G.](#)

Patent Number: US 5639607

Patent Date Granted: June 17, 1997

Patent Country: USA

Patent Assignee: MOUNT SINAI SCHOOL OF MEDICINE OF THE CITY UNIVERSITY OF NEW YORK

Patent Class: 435-6

Source: Official Gazette of the United States Patent and Trademark Office Patents 1199 (3) : 1885-1887 June 17, 1997

Language: English **Medium:** print

Address: New York, N.Y., USA

ISSN: 0098-1133

MAJOR CONCEPTS: [Biochemistry and Molecular Biophysics](#); [Enzymology](#); [Genetics](#); [Methods and Techniques](#); [Toxicology](#)

Use the checkboxes below to view the records.

Note: The number of records displayed may be greater than the listed Record Count if the original set contained more records than the number of records analyzed.

VIEW RECORDS	Field: Language	Record Count	% of 367	Bar Chart
<input type="checkbox"/>	ENGLISH	326	88.8283 %	<div style="width: 88.8283%;"></div>
<input type="checkbox"/>	RUSSIAN	8	2.1798 %	<div style="width: 2.1798%;"></div>
<input type="checkbox"/>	GERMAN	6	1.6349 %	<div style="width: 1.6349%;"></div>
<input type="checkbox"/>	SPANISH	6	1.6349 %	<div style="width: 1.6349%;"></div>
<input type="checkbox"/>	CHINESE	4	1.0899 %	<div style="width: 1.0899%;"></div>
<input type="checkbox"/>	CZECH	4		<div style="width: 0%;"></div>
<input type="checkbox"/>	FRENCH	4		<div style="width: 0%;"></div>
<input type="checkbox"/>	POLISH	4		<div style="width: 0%;"></div>

Of the 367 *Biological Abstracts* results for "lead poisoning," 41 are from non-English journals not indexed in *BasicBIOSIS*. Non-English abstracts are translated to English in *Biological Abstracts* and *BIOSIS Previews*.

BIOSIS Previews indexes document types not included in *BasicBIOSIS* or *Biological Abstracts*.

One result found in a *BIOSIS Previews* search for "lead poisoning" was a patent from Mount Sinai School of Medicine. This result is unique to *BIOSIS Previews*.

VIEW RECORDS	Field: Source Title	Record Count	% of 367	Bar Chart
<input type="checkbox"/>	ENVIRONMENTAL HEALTH PERSPECTIVES	26	7.0845 %	<div style="width: 7.0845%;"></div>
<input type="checkbox"/>	MORBIDITY AND MORTALITY WEEKLY REPORT	11	2.9973 %	<div style="width: 2.9973%;"></div>
<input type="checkbox"/>	ENVIRONMENTAL RESEARCH	10	2.7248 %	<div style="width: 2.7248%;"></div>
<input type="checkbox"/>	SCIENCE OF THE TOTAL ENVIRONMENT	10	2.7248 %	<div style="width: 2.7248%;"></div>
<input type="checkbox"/>	AMERICAN JOURNAL OF PUBLIC HEALTH	9	2.4523 %	<div style="width: 2.4523%;"></div>
<input type="checkbox"/>	ARCHIVES OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY	8	2.1798 %	<div style="width: 2.1798%;"></div>
<input type="checkbox"/>	BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY	8	2.1798 %	<div style="width: 2.1798%;"></div>
<input type="checkbox"/>	NEI			<div style="width: 0%;"></div>
<input type="checkbox"/>	ARC			<div style="width: 0%;"></div>
<input type="checkbox"/>	JOURNAL OF T			<div style="width: 0%;"></div>

The top ten sources in *Biological Abstracts* are displayed. Only two of these sources, *American Journal of Public Health* and *Archives of Environmental Health*, are also indexed in *BasicBIOSIS*.

Search Example: Honey bee parasites

Background: The worldwide honey bee population is being seriously damaged by a parasite called the varroa mite. This has been in the news due to the impact on agriculture – there are not enough bees, not enough pollinating, not enough crops, etc.

Honey bee and mite

Database	Results
<i>BasicBIOSIS</i>	25
<i>Biological Abstracts</i> (2002-Present)	100
<i>BIOSIS Previews</i> (2002-Present)	116
<i>Biological Abstracts</i> (1926-Present)	395

Honey bee and parasite

Database	Results
<i>BasicBIOSIS</i>	30
<i>Biological Abstracts</i> (2002-Present)	111
<i>BIOSIS Previews</i> (2002-Present)	125
<i>Biological Abstracts</i> (1926-Present)	317

Biological Abstracts — Top Sources

VIEW RECORDS	Field: Source Title	Record Count	% of 111	Bar Chart
<input type="checkbox"/>	APIDOLOGIE	25	22.5225 %	
<input type="checkbox"/>	JOURNAL OF APICULTURAL RESEARCH	22	19.8198 %	
<input type="checkbox"/>	JOURNAL OF ECONOMIC ENTOMOLOGY	13	11.7117 %	
<input type="checkbox"/>	EXPERIMENTAL AND APPLIED ACAROLOGY	9	8.1081 %	
<input type="checkbox"/>	GENETICS AND MOLECULAR RESEARCH	3	2.7027 %	
<input type="checkbox"/>	JOURNAL OF INVERTEBRATE PATHOLOGY	3	2.7027 %	
<input type="checkbox"/>	CANADIAN ENTOMOLOGIST	2	1.8018 %	
<input type="checkbox"/>	INSECTES SOCIAUX	2	1.8018 %	
<input type="checkbox"/>	PHYSIOLOGICAL ENTOMOLOGY	2	1.8018 %	
<input type="checkbox"/>	SOUTHWESTERN ENTOMOLOGIST	2	1.8018 %	

Of the top 10 sources in *Biological Abstracts*, 7 are not indexed in *BasicBIOSIS*.

66 of 83 records found in these top 10 sources are not available in *BasicBIOSIS*.