

NewsRX Weekly Reports

FILE DESCRIPTION

NewsRX Weekly Reports, produce approximately 20 healthcare newsletters which are uniquely organised around therapeutic area, rather than industries, companies and products. In print and on the web, NewsRX and NewsRX.net have provided information solutions for business, government and consumers for over 16 years. Through weekly news reports, online databases and internet news delivery services, NewsRX Weekly Reports produce business and consumer information relating to drugs, chemicals, biotechnology, science, medicine and health. Once described as "the world's largest producer of weekly health information", NewsRX Weekly Reports are known for its roster of highly respected weekly reports. NewsRX Weekly Reports deliver over 800 issues annually consisting of over 19,000 pages and over 20,000 articles per year. Serving top professionals in over 50 countries worldwide, subscribers include pharmaceutical/biotech executives and researchers, medical product developers, hospitals and other medical facilities, physicians and nurses, educators and activists, government officials, and leaders in the academic and healthcare communities.

SUBJECT COVERAGE

NewsRX Weekly Reports cover the following topics:

- Bioscience and Biotechnology
- Chemicals
- Drugs
- Health
- Medicine
- Nursing
- Nutrition

SOURCES

NewsRX Weekly Reports are weekly newsletters. News articles include summaries of peer-reviewed research, conference reports, news releases, and articles compiled from other health and medical organizations. The following is a partial list of newsletters included:

- AIDS Weekly
- Angiogenesis Weekly
- Biotech Business Week
- Biotech Week
- Blood Weekly
- Cancer Vaccine Week
- Cancer Weekly
- Cardiovascular Week
- Diabetes Week
- Gastroenterology Week
- Gene Therapy Weekly
- Heart Disease Weekly
- Hepatitis Weekly
- Medical Devices & Surgical Technology Week
- Mental Health Weekly digest
- Obesity, Fitness & Wellness Week
- Pain & Central Nervous System Week
- Pharma Business Week
- Proteomics Weekly

Respiratory Therapeutics Week

- Vaccine Weekly
- Vector & Zoonosis Weekly
- Virus Weekly
- Women's Health Weekly

Expand JN= to see the complete list of titles included in the database.

TIPS

USE FILE 135

to search for information relating to drugs, chemicals, biotechnology, science, medicine, and health.

USE /DE

to search for a subject:

S INFECTIOUS(W)DISEASE?/DE

USE SH=, /SH

to find an article published in a desired section:

S SH=VIRAL GENOMICS

USE AU=

to search articles written by particular authors:

S AU=NICHOLS, SONIA

USE /TX

to search for terms appearing in text section.

USE THE S OPERATOR

to ensure the terms appear in the same paragraph:

S GENETIC(W)FORM?(S)HEPATITIS/TX

USE FORMAT 9

for the complete text of all articles:

T S1/9/1

DIALOG FILE DATA

Inclusive Dates: 1995 to the present

Update Frequency:

Weekly (Approximately 450 records per update)

File Size: 111,367 records as of November 2003

CONTACT

NewsRX Weekly Reports is provided by NewsRX.com. Questions concerning file content should be directed to:

NewsRX Home Office

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SAMPLE RECORD

DIALOG(R)File 135:NewsRX Weekly Reports
(c) 2001 NewsRX. All rts. reserv.

0000054228 (THIS IS THE FULLTEXT)
TTV Reinfection In Hemophiliacs Supports Transfusion Role In Transmission
Nichols, Sonia
Hepatitis Weekly, October 15, 2001, p.3

/TI
AU=
JN=,SO=,PD=,PY=

DT=, LA= DOCUMENT TYPE: Editor's Choice LANGUAGE: English
RT= RECORD TYPE: FULLTEXT
TA= AUDIENCE: Consumer
WD= WORD COUNT: 368

/LP, /TX

TEXT: Research shows the TT virus, once believed to cause viral hepatitis, often reinfects patients with hemophilia who receive frequent blood transfusions.

At one time, the newly identified TT virus (TTV) was suspected of causing viral hepatitis in patients who received transfusions. However, it is now believed to be transmitted through a number of routes, including bloodborne transmission, and has not been definitively linked with clinical hepatitis, according to current reports. Its role in clinical infection, if any, still remains unknown.

/TX

According to researchers in Japan, TTV can be detected in several genetic forms, or genotypes, and their comparative study of TTV genotypes in equal numbers of transfused patients with hemophilia, patients with hepatitis C virus (HCV), and healthy subjects suggests TTV reinfects previously exposed individuals, probably through contaminated blood ("TT virus genotype changes frequently in multiply transfused patients with hemophilia but rarely in patients with chronic hepatitis C and in healthy subjects," Transfusion , September 2001;41(9):1130-1135.).

Although all three study groups contained members infected with TTV of multiple genotypes, "Changes in TTV genotype were frequent in patients with hemophilia (15/16; 93.8%) but rare in patients with chronic hepatitis C and in healthy subjects (each group: 1/16, 6.3%)," Hidenori Toyoda and colleagues, INSERM, Paris, France commented.

Because TTV genotype changes were observed in hemophiliac patients who received multiple transfusions but not in the other groups who did not receive transfusions, Toyoda and coauthors said the study supports the role of transfusions and bloodborne transmission in TTV infections.

The corresponding author for this study is Hidenori Toyoda, INSERM U370, Necker-Enfants Malades, 156 rue de Vaugirard, 75730 Paris Cedex 15, France. E-mail: hmtoyoda@net1.kdd.fr.

Key points reported in this study include: * TT virus (TTV) is a new virus associated with transmission in blood and by other routes but researchers do not yet know if it causes disease * Transfused patients with hemophilia had more TTV genotype changes than individuals who were healthy or who were infected with hepatitis C virus * TTV reinfections in patients with hemophilia support the role of transfused blood as an important means for viral transmission.

This article was prepared by Hepatitis Weekly editors from staff and other reports.

/DE DESCRIPTORS: All News; Consumer News; Hematology; Hepatitis; Hepatology; Infectious Disease; Top News; Transfusion Medicine; Virology

/SH, SH= SUBJECT HEADING: Viral Genomics
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SEARCH OPTIONS

BASIC INDEX

SEARCH SUFFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
— /DE	— DE	All Basic Index Fields Descriptors ²	Word Word & Phrase	S VIRAL(W)HEPATITIS S INFECTIOUS(W)DISEASE?/DE S TRANSFUSION MEDICINE/DE
/LP	LP	Lead Paragraph ¹	Word	S CLINICAL(W)HEPATITIS/LP
/SH	SH	Subject Heading ^{3,4}	Word	S VIRAL(W)GENOMICS/SH
/TI	TI	Title	Word	S REINFECTION(1W)HEMOPHILIACS/TI
/TX	TX	Text	Word	S HEMOPHILIAC(W)PATIENT?/TX
/XF	—	All Basic Index Fields Except Full Text	Word	S BLOODBORNE(W)TRANSMISSION/XF

¹ Lead Paragraph includes first 2 paragraphs of the text.

⁴ Includes Corporate Source data.

² Also /DF.

³ Searchable in the Basic Index and in the Additional Indexes.

ADDITIONAL INDEXES

SEARCH PREFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	AN	DIALOG Accession Number		
AU=	AU	Author	Phrase	S AU=NICHOLS, SONIA
—	CP	Copyright		
DT=	DT	Document Type	Phrase	S DT="EDITOR'S CHOICE"
JN=	JN	Journal Name	Phrase	S JN=HEPATITIS WEEKLY
LA=	LA	Language	Phrase	S LA=ENGLISH
PD=	PD	Publication Date	Phrase	S PD=20011015
PY=	PY	Publication Year	Phrase	S PY=2001
RT=	RT	Record Type	Phrase	S RT=FULLTEXT
SH=	SH	Subject Heading ^{3,4}	Phrase	S SH=VIRAL GENOMICS
SO=	SO	Source Information ⁵	Word	S SO=(HEPATITIS(W)WEEKLY AND P(W)3)
TA=	TA	Target Audience	Phrase	S TA=CONSUMER
UD=	—	Update	Phrase	S UD=9999
WD=	WD	Word Count	Phrase	S WD<=500

⁵ Search and display include Journal Name, Volume, Issue, Pagination, and Publication Date.

SPECIAL FEATURES

For command descriptions, enter HELP LIMIT, HELP SORT, HELP RANK, HELP DUP, HELP CURRENT online.

LIMIT	/ENG -- English-Language Records /FULLTEXT -- Full Text /LONG -- Word Count of 1,000 words or more /NONENG -- Non-English Language Records /SHORT -- Word Count of less than 1,000 words /YYYY -- Publication Year	S S1/ENG S S2/FULLTEXT S S6/LONG S S3/NONENG S S5/SHORT S S2/2000:2001
SORT	AU, JN, PD, PY, TI	SORT S1/ALL/TI SORT S2/ALL/PY/D
RANK	All phrase- and numeric-indexed fields in the Additional Indexes can be ranked.	RANK DE RANK SH S4
RD, ID	Remove duplicates (RD) or identify duplicates (ID,IDO).	RD S5
CURRENT	Search only the most recent year plus one (CURRENT1) to five (CURRENT5) years.	B 135 CURRENT2

PREDEFINED FORMAT OPTIONS

NO.	DIALOGWEB FORMAT	RECORD CONTENT
1	--	DIALOG Accession Number
2	--	Bibliographic Citation and Indexing
3	Medium	Bibliographic Citation
4	--	Full Record with Tagged Fields
5	Long	Full Record Except Text
6	Short	Title, Publication Date, and Word Count
7	--	Full Record except Indexing
8	Free	Title, Indexing, Publication Date, and Word Count
9	Full	Full Record
K	--	KWIC (Key Word In Context) displays a window of text; may be used alone or with other formats

OTHER OUTPUT OPTIONS

For an explanation, enter HELP TYPE, HELP UDF, HELP TAG online.

USER DEFINED FORMATS	Display codes listed in the Search Options tables can be used to customize output.	TYPE S4/TI, AU, SH/1-5 PRINT S2/AU, TX/ALL
TAG	Output can be displayed with tags identifying each display field.	TYPE S1/7/ALL TAG PRINT S2/9/1-5 TAG
DIRECT RECORD ACCESS	If the accession number of a specific record is known, it can be used to display the record directly.	TYPE 054345/9 DISPLAY 054200/7 PRINT 054435/4

FOR ONLINE HELP:

See HELP FIELDS 135 for searchable fields; HELP FORMAT 135 for output formats; HELP LIMIT 135 for limits; HELP RATES 135 for cost information; HELP SORT 135 for sorts.

BioEngineering Abstracts

FILE DESCRIPTION

BioEngineering Abstracts provides bibliographic coverage from recent worldwide literature sources of research, applications, regulatory developments and new patents across all areas of bioengineering including medical, pharmaceutical, agricultural, environmental and marine biology. BioEngineering Abstracts is produced by CSA and corresponds to four print journals (all no longer in print).

Informative abstracts are included for about 99% of the records.

SUBJECT COVERAGE

- Agricultural applications
- Antibiotics, antitumor agents, antiviral agents
- Antibodies and other immunological substances
- Antisense technology
- Aquaculture and fisheries
- Bioengineering
- Biomaterials and biopolymers
- Biomedical engineering and equipment
- Bioinformatics
- Bioreactors and enzymes
- Bioremediation and phytoremediation
- Biosensors
- Cell culture and cryopreservation
- Cloning
- Combinatorial chemistry
- Cybernetics
- Drug delivery systems
- Energy applications
- Environmental applications
- Fermentation and process engineering
- Food biotechnology
- Genetic engineering and gene therapy
- Marine applications
- Medical applications, diagnostics, imaging techniques
- Methodology
- Neurocomputing and neural networks
- Pharmaceuticals
- Tissue engineering
- Vaccines

SOURCES

In addition to international journal coverage, **BioEngineering Abstracts** includes data on selected books, conference reports, and U.S. patents.

TIPS

USE FILE 136

to search for all information relating to bioengineering topics.

USE /TI AND /DE

for precise subject searching:

S ARTIFICIAL(W)INTELLIGENCE/TI,DE

USE SUBJECT HEADINGS or

SUBJECT HEADING CODES

to narrow a search to a topic.

S SH=CONTROL SYSTEMS

S SC=731.1

USE RANK

to find experts working in an area of interest.

S ARTIFICIAL INTELLIGENCE

RANK AU

DIALOG FILE DATA

Inclusive Dates: 1991 to December 2006

Update Frequency: Closed

File Size: More than 144,000 records as of August 2005

CONTACT

BioEngineering Abstracts is produced by CSA. Questions concerning file content should be directed to:

CSA

7200 Wisconsin Avenue, Suite 601

Bethesda, MD 20814

Phone: +1 301-961-6700

Toll Free: 800-848-7751 (in N. America)

Fax: +1 301-961-6720

E-Mail: support@csa.com

SAMPLE RECORD

DIALOG(R)File 136:BioEngineering Abstracts-1966-2005/Aug
(c) 2005 CSA. All rts. reserv.

AA= 0000153699 IP ACCESSION NO: 6256675
/TI Quantum Interference Device Made by DNA Templating of Superconducting Nanowires

AU= Hopkins, David S; Pekker, David; Goldbart, Paul M; Bezryadin, Alexey
CS= Department of Physics and Frederick Seitz Materials Research Laboratory, University of Illinois at Urbana-Champaign, Urbana, IL 61801, USA., [mailto:bezryadi@uiuc.edu]

JN=,PD=,SO= Science (Washington), v 308, n 5729, p 1762-1765, June 17, 2005
PY= PUBLICATION DATE: 2005

PU= PUBLISHER: American Association for the Advancement of Science, 1200 New York Avenue, NW Washington DC 20005 USA, [mailto:membership@aaas.org], [URL:http://www.aaas.org]

DT= DOCUMENT TYPE: Journal Article
RT= RECORD TYPE: Abstract
LA= LANGUAGE: English
SL= SUMMARY LANGUAGE: English
SN= ISSN: 0036-8075
DOI: 10.1126/science.1111307
FS= FILE SEGMENT: BioEngineering Abstracts

/AB ABSTRACT:
The application of single molecules as templates for nanodevices is a promising direction for nanotechnology. We used a pair of suspended DNA molecules as templates for superconducting two-nanowire devices. Because the resulting wires are very thin, comparable to the DNA molecules themselves, they are susceptible to thermal fluctuations typical for one-dimensional superconductors and exhibit a nonzero resistance over a broad temperature range. We observed resistance oscillations in these two-nanowire structures that are different from the usual Little-Parks oscillations. Here, we provide a quantitative explanation for the observed quantum interference phenomenon, which takes into account strong phase gradients created in the leads by the applied magnetic field.

/DE DESCRIPTORS: DNA; Oscillations; nanotechnology; Magnetic fields
/ID IDENTIFIERS: superconductors; nanowires
SC=,SH=,SH SUBJ CATG: 130, General Biomedical Engineering: Tools & Techniques

SEARCH OPTIONS

BASIC INDEX

SEARCH SUFFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	—	All Basic Index Fields	Word	S BIOLOGICAL(W)DIVERSITY
/AB	AB	Abstract	Word	S NONZERO(W)RESISTANCE/AB
/DE	DE	Descriptor	Word & Phrase	S MAGNETIC(W)FIELDS/DE
/ID	ID	Identifier	Word & Phrase	S SPECIES DIVERSITY/DE
/SH	SH	Section Heading Text ¹	Word	S NANOWIRES/ID
/TI	TI	Title ²	Word	S TRADITIONAL KNOWLEDGE/ID
			Word	S GENERAL(W)BIOMEDICAL(W)ENG?/SH
			Word	S SUPERCONDUCT?(W)NANOWIRES/TI

¹ Searchable in the Basic Index and in the Additional Indexes

² Includes monograph and original titles

ADDITIONAL INDEXES

SEARCH PREFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
AA=	AA	CSA Accession Number	Phrase	S AA=6256675
AU=	AU	Author	Phrase	S AU=HOPKINS, DAVID?
—	AZ	DIALOG Accession Number		
BN=	BN	International Standard Book Number (ISBN)	Phrase	S BN=9026513801
—	CC	U.S. Patent Classification		
CP=	CP	Country of Publication	Phrase	S CP=GERMANY
CS=	CS	Corporate Source	Word & Phrase	S CS=(DEPARTMENT(1W)PHYSICS)
			Phrase	S CS=UNIVERSITY OF ILLINOIS?
CT=	CT	Conference Title	Word	S CT=(SYMPOSIUM(W)RESPIRATORY?)
DT=	DT	Document Type	Phrase	S DT=JOURNAL ARTICLE
FS=	FS	File Segment	Phrase	S FS=BIOENGINEERING ABSTRACTS
=	II	Digital Object Identifier		
JN=	JN	Journal Name	Phrase	S JN="SCIENCE (WASHINGTON)"?
LA=	LA	Language	Phrase	S LA=ENGLISH
NO=	NO	Document Number	Word	S NO=CA0200240
—	NT	Note		
PD=	PD	Publication Date	Phrase	S PD=20050617
PU=	PU	Publisher	Word	S PU=(ADVANCEMENT(1W)SCIENCE)
PY=	PY	Publication Year	Phrase	S PY=2005
RT=	RT	Record Type	Phrase	S RT=ABSTRACT
SC=	SC	Section Heading Code	Phrase	S SC=130
SH=	SH	Section Heading	Phrase	S SH=GENERAL BIOMEDICAL ENGINEER?
SL=	SL	Summary Language	Phrase	S SL=ENGLISH
SN=	SN	International Standard Serial Number (ISSN)	Phrase	S SN=0036-8075
				S SN=00368075
SO=	SO	Source Information ³	Word	S SO=(SCIENCE(W)WASH?)
UD=	—	Update Code	Phrase	S UD=9999

³ Display includes Journal Name, Volume, Issue Number, Pagination, and Publication Date.

SPECIAL FEATURES

For command descriptions, enter HELP LIMIT, HELP SORT, HELP RANK, HELP DUP, HELP CURRENT online.

LIMIT	/ABS -- Records with Abstracts /ENG -- English-language Records /NONENG -- Non-English-language Records /YYYY -- Publication Year	S S4/ABS S S5/ENG S S5/NONENG S S6/2004:2005
SORT	AA, AU, CS, JN, PD, PY, TI	SORT S1/ALL/JN,PY PRINT S5/5/1-24/AU
RANK	All phrase- and numeric-indexed fields in the Additional Indexes can be ranked. Other RANK codes include: DE, ID	RANK AU S3
RD, ID	Remove duplicates (RD) or identify duplicates (ID,IDO).	RD S5
CURRENT	Search only the most recent year plus one (CURRENT1) to five (CURRENT5) years.	B 136 CURRENT2

PREDEFINED FORMAT OPTIONS

NO.	DIALOGWEB FORMAT	RECORD CONTENT
1	--	DIALOG Accession Number
2	--	Full Record except Abstract
3	Medium	Bibliographic Citation
4	--	Full Record with Tagged Fields
5	--	Full Record
6	Short	Title
7	Long	Full Record except Indexing
8	Free	Title and Indexing
9	Full	Full Record
K	--	KWIC (Key Word In Context) displays a window of text; may be used alone or with other formats

OTHER OUTPUT OPTIONS

For an explanation, enter HELP TYPE, HELP UDF, HELP TAG online.

USER DEFINED FORMATS	User-defined formats can be specified using the display codes indicated in the Search Options tables.	TYPE S3/AU,TI,SO/1-5
TAG	TAG can be used for tagged fields.	TYPE S3/5/1-10 TAG
DIRECT RECORD ACCESS	DIALOG Accession Number	TYPE 0000061710/5 DISPLAY 0000025110/AU,TI,S PRINT 0000154850/9

FOR ONLINE HELP:

See HELP FIELDS 136 for searchable fields; HELP FORMAT 136 for output formats; HELP LIMIT 136 for limits; HELP RATES 136 for cost information; HELP SORT 136 for sorts.