

検索テーマ: 「相同 DNA 組み換え:BRCA2(遺伝性乳がんの原因遺伝子)」について

検索対象: Science Citation Index Expanded 1900 最新

今回の検索では、下記の5つの方法で網羅的に検索します。

キーワード検索

その分野の研究者による検索 ***プラス**

関心を持った論文を利用し、引用のリンクによる検索 ***プラス**

引用文献検索(逆引き) ***プラス**

他のデータベースのレコードを元に、 のステップを行う。

***プラス**、はいずれも、キーワードで調べられなかったものも検索できます。

キーワード検索 ガイド 5ページ TOPIC に下記のように入力

BRCA2 and homologous recombination

<input type="checkbox"/> #4	284	TS=((BRCA2 or BRCA1 or BRCA) and homologous recombination) DocType=All document types; Language=All languages; Databases=A&HCI; Timespan=1900-2007
<input type="checkbox"/> #3	271	TS=((BRCA2 or BRCA1) and homologous recombination) DocType=All document types; Language=All languages; Databases=A&HCI; Timespan=1900-2007
<input type="checkbox"/> #2	183	TS=(BRCA2 and homologous recombination) DocType=All document types; Language=All languages; Databases=A&HCI; Timespan=1900-2007
<input type="checkbox"/> #1	3,056	TS=(BRCA2) DocType=All document types; Language=All languages; Databases=A&HCI; Timespan=1900-2007

BRCA2 では、3056 件ヒットしました。この中には遺伝子診断と思われるものが多数含まれている可能性があるため、「相同組み換え」を加えると、183 件のヒット、BRCA1、BRCA も含めると 284 件のヒット。

<input type="checkbox"/> #8	13	#5 AND #4 DocType=All document types; Language=All la A&HCI, CCR-EXPANDED (back to 1840), IC; Tir
<input type="checkbox"/> #7	13	#5 AND #3 DocType=All document types; Language=All la A&HCI, CCR-EXPANDED (back to 1840), IC; Tir
<input type="checkbox"/> #6	13	#5 AND #2 DocType=All document types; Language=All la A&HCI, CCR-EXPANDED (back to 1840), IC; Tir
<input type="checkbox"/> #5	670	TS=(BRCA2 AND (Screening or Predict*)) DocType=All document types; Language=All la A&HCI, CCR-EXPANDED (back to 1840), IC; Tir

遺伝子診断に含まれているキーワードを # 5 で作成し、重複分を確認しました。ノイズは無さそうです。

今後、#3については、チェックマークを付けておきます。BRCAと「相同組み換え」を含むレコード

絞込み機能(Refine)と、分析機能(Analyze)で概要を見ます。

絞込み機能(Refine):ガイド6ページ #3を Subject で Refine してみると、どの分野が検索されたかを確認できます。読みたいものがあれば、ボックスをチェックして、View Records をクリックします。

TS=((BRCA2 or BRCA1 or BRCA) and homologous recombination)
DocType=All document types; Language=All languages; Databases=SCI-EXPANDED, SSCI, A&HCI; Timespan=1900-2007

Search within results:

Refine your results
Subject Categories | [Source Titles](#) | [Document Types](#) | [Authors](#) | [Publication Years](#) [more choices](#)

Top Subject Categories: [Hide](#)

<input type="checkbox"/> BIOCHEMISTRY & MOLECULAR BIOLOGY (117)	<input type="checkbox"/> BIOPHYSICS (17)	<input type="checkbox"/> BIOLOGY (5)
<input type="checkbox"/> CELL BIOLOGY (98)	<input type="checkbox"/> BIOTECHNOLOGY & APPLIED MICROBIOLOGY (17)	<input type="checkbox"/> DEVELOPMENTAL BIOLOGY (5)
<input type="checkbox"/> ONCOLOGY (94)	<input type="checkbox"/> MULTIDISCIPLINARY SCIENCES (14)	<input type="checkbox"/> MEDICINE, RESEARCH & EXPERIMENTAL (4)
<input type="checkbox"/> GENETICS & HEREDITY (78)	<input type="checkbox"/> PATHOLOGY (7)	<input type="checkbox"/> RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING (4)
<input type="checkbox"/> TOXICOLOGY (28)	<input type="checkbox"/> HEMATOLOGY (6)	more (up to 100)...

- For more options, use [Analyze Results](#).

Source Titles で Refine すると、この分野の代表的なジャーナルを確認できます。読みたいものがあれば、ボックスをチェックして、View Records をクリックします。

[Subject Categories](#) | [Source Titles](#) | [Document Types](#) | [Authors](#) | [Publication Years](#) [more choices](#)

Top Source Titles: [Hide](#)

<input type="checkbox"/> CANCER RESEARCH (25)	<input type="checkbox"/> DNA REPAIR (10)	<input type="checkbox"/> PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA (7)
<input type="checkbox"/> ONCOGENE (25)	<input type="checkbox"/> HUMAN MOLECULAR GENETICS (9)	<input type="checkbox"/> NATURE (6)
<input type="checkbox"/> JOURNAL OF BIOLOGICAL CHEMISTRY (14)	<input type="checkbox"/> MOLECULAR AND CELLULAR BIOLOGY (9)	<input type="checkbox"/> BREAST CANCER RESEARCH (5)
<input type="checkbox"/> MOLECULAR CELL (12)	<input type="checkbox"/> CELL CYCLE (7)	<input type="checkbox"/> NATURE STRUCTURAL & MOLECULAR BIOLOGY (5)
<input type="checkbox"/> MUTATION RESEARCH-FUNDAMENTAL AND MOLECULAR MECHANISMS OF MUTAGENESIS (12)	<input type="checkbox"/> EMBO JOURNAL (7)	more (up to 100)...

Author で Refine すると、この分野の代表的な研究者を確認できます。読みたいものがあれば、ボックスをチェックして、View Records をクリックします。

[Subject Categories](#) | [Source Titles](#) | [Document Types](#) | [Authors](#) | [Publication Years](#)

Top Authors:

<input type="checkbox"/> JASIN, M (15)	<input type="checkbox"/> POWELL, SN (9)	<input type="checkbox"/> THOMPSON, LH (7)	<input type="checkbox"/> BLUNDELL, TL (5)
<input type="checkbox"/> ASHWORTH, A (12)	<input type="checkbox"/> WEST, SC (9)	<input type="checkbox"/> JACKSON, SP (6)	<input type="checkbox"/> BOULTON, SJ (5)
<input type="checkbox"/> VENKITARAMAN, AR (12)	<input type="checkbox"/> LEE, WH (8)	<input type="checkbox"/> JOENJE, H (6)	<input type="checkbox"/> CANTOR, SB (5)
<input type="checkbox"/> D'ANDREA, AD (11)	<input type="checkbox"/> SCULLY, R (8)	<input type="checkbox"/> PIERCE, AJ (6)	<input type="checkbox"/> CHEN, PL (5)
<input type="checkbox"/> ZDZIENICKA, MZ (10)	<input type="checkbox"/> PELLEGRINI, L (7)	<input type="checkbox"/> PUGET, N (6)	more (up to 100)...

Analyze 機能で Country を使い分析すると、この分野の著者の所属機関の国を確認できます。読みたいものがあれば、ボックスをチェックして、View Records をクリックします。

Field: Country/Territory	Record Count	% of 284	Bar Chart
USA	151	53.1690 %	
ENGLAND	72	25.3521 %	
JAPAN	27	9.5070 %	
FRANCE	25	8.8028 %	
GERMANY	21	7.3944 %	
NETHERLANDS	21	7.3944 %	
CANADA	17	5.9859 %	
POLAND	8	2.8169 %	
ITALY	6	2.1127 %	
SWEDEN	6	2.1127 %	

Analyze 機能で Institution を使い分析すると、この分野の著者の所属機関を確認できます。読みたいものがあれば、ボックスをチェックして、View Records をクリックします。

Field: Institution Name	Record Count	% of 284	Bar Chart
HARVARD UNIV	35	12.3239 %	
UNIV CAMBRIDGE	21	7.3944 %	
MEM SLOAN KETTERING CANC CTR	20	7.0423 %	
UNIV TEXAS	16	5.6338 %	
INST CANC RES	13	4.5775 %	
LEIDEN UNIV	10	3.5211 %	
MASSACHUSETTS GEN HOSP	10	3.5211 %	
MRC	8	2.8169 %	
UNIV CALIF BERKELEY	8	2.8169 %	
UNIV SHEFFIELD	8	2.8169 %	

Analyze 機能で Publication Year を使い分析すると、この分野の論文数の年代別 推移が分ります。(Sort By を Selected field に変更)。読みたいものがあれば、ボックスをチェックして、View Records をクリックします。

BRCA2 and Homologous recombination の検索結果と、BRCA2 のみの検索で推移を確認してみます。

Year	Record Count	% of 284	Bar Chart
1997	3	1.0563 %	
1999	13	4.5775 %	
2000	17	5.9859 %	
2001	23	8.0986 %	
2002	35	12.3239 %	
2003	35	12.3239 %	
2004	38	13.3803 %	
2005	55	19.3662 %	
2006	60	21.1268 %	
2007	3	1.0563 %	

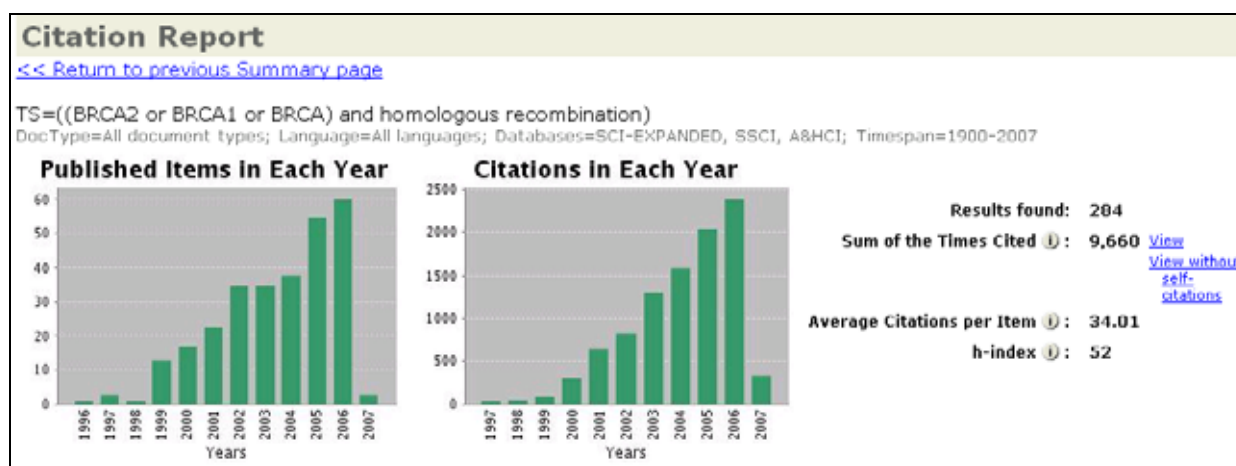
BRCA2 and homologous recombination

Field: Publication Year	Record Count	% of 3056	Bar Chart
1994	4	0.1309 %	
1995	27	0.8835 %	
1996	69	2.2579 %	
1997	157	5.1374 %	
1998	190	6.2173 %	
1999	267	8.7369 %	
2000	260	8.5079 %	
2001	288	9.4241 %	
2002	324	10.6021 %	
2003	302	9.8822 %	
2004	356	11.6492 %	
2005	379	12.4018 %	
2006	408	13.3508 %	
2007	25	0.8181 %	

並び替え機能: ガイド 6 ページ 注目されている論文は？ # 3を引用された回数順に並べ替えてみます。この分野で注目されている論文・レビューが確認できます。

<input type="checkbox"/>	1. Khanna KK, Jackson SP
<input checked="" type="checkbox"/>	DNA double-strand breaks: signaling, repair and the cancer connection NATURE GENETICS 27 (3): 247-254 MAR 2001 Times Cited: 493 LINKS VIEW FULL TEXT
<input type="checkbox"/>	2. Moynahan ME, Chiu JW, Koller BH, et al.
<input checked="" type="checkbox"/>	Brca1 controls homology-directed DNA repair MOLECULAR CELL 4 (4): 511-518 OCT 1999 Times Cited: 374 LINKS VIEW FULL TEXT
<input type="checkbox"/>	3. Harkin DP, Bean JM, Miklos D, et al.
<input checked="" type="checkbox"/>	Induction of GADD45 and JNK/SAPK-dependent apoptosis following inducible expression of BRCA1 CELL 97 (5): 575-586 MAY 28 1999 Times Cited: 305

Citation Reports 機能: (新機能) # 3の年代別論数と、その後の引用数の推移です。183 件は、6229 の論文に引用。Sum of the Times Cited View をクリックすると、その後の展開。



3の284件を引用している研究者リスト

Total Citing Articles
[<< Return to Citation Report](#)

TS=((BRCA2 or BRCA1 or BRCA) and homologous recombination)
 DocType=All document types; Language=All languages; Databases=SCI-EXPANDED, SSCI, A&HCI; Timespan=1900-2007

Refine your results
[Subject Categories](#) | [Source Titles](#) | [Document Types](#) | [Authors](#) | [Publication Years](#)

Top Authors:

<input type="checkbox"/> JASIN, M (41)	<input type="checkbox"/> DENG, CX (30)	<input type="checkbox"/> BIGNON, YJ (25)	<input type="checkbox"/> ALT, FW (23)
<input type="checkbox"/> KANAAR, R (38)	<input type="checkbox"/> CHEN, JJ (29)	<input type="checkbox"/> JOENJE, H (25)	<input type="checkbox"/> CHEN, DJ (23)
<input type="checkbox"/> D'ANDREA, AD (37)	<input type="checkbox"/> THOMPSON, LH (29)	<input type="checkbox"/> SUNG, P (25)	<input type="checkbox"/> POMMIER, Y (23)
<input type="checkbox"/> TAKEDA, S (33)	<input type="checkbox"/> LEE, WH (27)	<input type="checkbox"/> SONODA, E (24)	<input type="checkbox"/> VENKITARAMAN, AR (23)
<input type="checkbox"/> ASHWORTH, A (30)	<input type="checkbox"/> JACKSON, SP (26)	<input type="checkbox"/> TAKATA, M (24)	more (up to 100)...

その分野の研究者による検索 ガイド 5ページ *プラス

キーワード検索がある程度済んだ段階で、特定の著者の論文に注目していこうと思います。著者を特定して検索することにより、キーワードでは検索しきれなかった文献が検索されることがあり

著者名による検索: Alan D Andrea氏を検索する方法

1) Refineでチェックして、抽出できます。

Top Authors:

<input type="checkbox"/> JASIN, M (15)	<input type="checkbox"/> POWELL, SN (9)	<input type="checkbox"/> THOMPSON, LH (7)
<input type="checkbox"/> ASHWORTH, A (12)	<input type="checkbox"/> WEST, SC (9)	<input type="checkbox"/> JACKSON, SP (6)
<input type="checkbox"/> VENKITARAMAN, AR (12)	<input type="checkbox"/> LEE, WH (8)	<input type="checkbox"/> JOENJE, H (6)
<input checked="" type="checkbox"/> D'ANDREA, AD (11)	<input type="checkbox"/> SCULLY, R (8)	<input type="checkbox"/> PIERCE, AJ (6)
<input type="checkbox"/> ZDZIENICKA, MZ (10)	<input type="checkbox"/> PELLEGRINI, L (7)	<input type="checkbox"/> PUGET, N (6)

- For more options, use [Analyze Results](#).

VIEW RECORDS

ボックスをチェックし View Records をクリック

<< Previous Summary Results

TS=((BRCA2 or BRCA1 or BRCA) and homologous recombination)
DocType=All document types; Language=All languages; Databases=SCI-EXPANDED, SSCI, A&HCI; Timespan=All timespans; Authors=D'ANDREA, AD

Refine your results
[Subject Categories](#) | [Source Titles](#) | [Document Types](#) | [Authors](#) | [Publication Years](#)

11 results found Go to Page: 1 of 1
Records 1 -- 11 [Show 50 per page]

Use the checkboxes to select records for output. See the sidebar for options.

1. Gurtan AM, D'Andrea AD
[Dedicated to the core: Understanding the Fanconi anemia complex](#)
DNA REPAIR 5 (9-10): 1119-1125 SEP 8 2006
Times Cited: 1
[LINKS](#) [VIEW FULL TEXT](#)
2. Kennedy RD, D'Andrea AD
[DNA repair pathways in clinical practice: Lessons from pediatric cancer susceptibility syndromes](#)
JOURNAL OF CLINICAL ONCOLOGY 24 (23): 3799-3808 AUG 10 2006
Times Cited: 1
[LINKS](#) [VIEW FULL TEXT](#)
3. Mirchandani KD, D'Andrea AD
[The Fanconi anemia/BRCA pathway: A coordinator of cross-link repair](#)
EXPERIMENTAL CELL RESEARCH 312 (14): 2647-2653 AUG 15 2006
Times Cited: 0

Full Record

Record 1 of 11 | SUMMARY

Title: [Dedicated to the core: Understanding the Fanconi anemia complex](#)

Author(s): [Gurtan AM](#) (Gurtan, Allan M.), [D'Andrea AD](#) (D'Andrea, Alan D)

Source: DNA REPAIR 5 (9-10): 1119-1125 SEP 8 2006

Document Type: Article
Language: English
Cited References: 54 Times Cited: 1 [FIND RELATED RECORDS](#)

Abstract: The Fanconi anemia (FA) pathway consists of a unique, multi-subunit E3 ubiquitin ligase complex that is activated in a replication and DNA-damage dependent mechanism. This FA core complex possesses a putative case an an E3 ubiquitin ligase subunit, is assembled in both the nucleoplasm and in chromatin, and is required for the mono-ubiquitination of FANCD2, a downstream FA protein, following genotoxic stress. Clinically, absence of the FA pathway results in congenital defects, bone marrow failure, and cancer predisposition. At the cellular level, this pathway is required for chromosomal stability and cellular resistance to DNA interstrand crosslinkers (ICLs) such as mitomycin C (MMC). A general model has emerged for the FA pathway as...

Addresses: D'Andrea AD (reprint author), Harvard Univ, Sch Med, Dana Farber Canc Inst, Dept Radiat Oncol, 44 Binney St, M6-40, Boston, MA 02115 USA
Harvard Univ, Sch Med, Dana Farber Canc Inst, Dept Radiat Oncol, Boston, MA 02115 USA
Harvard Univ, Sch Med, Biol & Biomed Sci Program, Boston, MA 02115 USA

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 REMOVE FROM MARKED LIST | [\[224 articles marked\]](#)
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CREATE CITATION ALERT
Receive e-mail alerts on future citations to this record. (Requires registration.)
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View record in
[Biological Abstracts](#)
[BioSIS Previews](#)
[Current Contents Connect](#)
[CC Connect Table of Contents](#)

特徴的な苗字の研究者の場合、ハイパークリックしても検索できます。

ハイパーリンクで109件、Alan D Andrea 氏がヒットしました。

The screenshot shows a search results summary page. At the top, it says "Search Results -- Summary" and provides a link to "Back to original record". Below this, it lists the search criteria: "AU=(D'Andrea AD)" and "DocType=All document types; Language=All languages; Databases=SCI-EXPANDED, SSCI, A&HCI, CCR-EXPANDED (back to 1840), IC; Timespan=1900-2007". There is a search bar with the text "Search within results: Enter a topic" and a "SEARCH" button. A section titled "Refine your results" includes links for "Subject Categories", "Source Titles", "Document Types", "Authors", and "Publication Years", along with a "more choices" link. The main results section shows "109 results found (Set #9)" and "Records 1 -- 50" with a "Show 50 per page" option. A navigation bar includes "Go to Page: 1 of 3" and "GO" buttons. The first result is listed with a checkbox, author names "Kowal P, Gurtan AM, Stuckert P, et al.", a title "Structural determinants of human FANCF protein that function in the assembly of a DNA damage signaling complex", and the journal "JOURNAL OF BIOLOGICAL CHEMISTRY 292 (3): 2047-2055 JAN 19 2007". It also shows "Times Cited: 0" and buttons for "LINKS" and "VIEW FULL TEXT". On the right side, there is a "Sort by:" dropdown menu set to "Latest date" and an "ANALYZE" button.

2) 正確に検索する為に、名前と住所を使って検索することもお勧めします。177件ヒットしました。著者名については、リスト表示の際は”et al.”になっていますが、Full Record を表示すると、全ての著者名と全ての著者の住所を入力しています。

TOPIC: ⓘ Enter one or more terms. Searches within article titles, keywords, and abstracts.
Example: oil spill AND "North Sea" ([How to search for phrases](#))*

 Title only

AUTHOR: ⓘ Enter one or more author names (see [author index](#) ⓘ).
Example: O'BRIAN C OR OBRIAN C**

[Author Finder](#): Need help finding papers by an author? Use Author Finder.

GROUP AUTHOR: ⓘ Enter one or more group names (see [group author index](#) ⓘ).
Example: CERN

SOURCE TITLE: ⓘ Enter full journal titles (see [full source titles list](#) ⓘ).
Example: Cancer OR Journal of Cancer Research and Clinical Oncology*

PUBLICATION YEAR: ⓘ Enter a publication year or range.
Example: 2001 or 1997-1999

ADDRESS: ⓘ Enter abbreviated terms from an author's affiliation (use [abbreviated](#) ⓘ).
Example: Yale Univ SAME hosp

関心を持った論文を利用し、引用のリンクによる検索 ガイド9～11ページ*プラス
 引用のナビゲーション：引用した文献は？同じ文献を使った人は？その後の展開は？
 電子ジャーナルへのリンク：

Full Record

Record 3 of 11 | SUMMARY

Title: The Fanconi anemia/BRCA pathway: A coordinator of cross-link repair
Author(s): [Mirchandani KD](#) (Mirchandani, Kanchan D.), [D'Andrea AD](#) (D'Andrea, Alan D.)
Source: EXPERIMENTAL CELL RESEARCH 312 (14): 2647-2653 AUG 15 2006
Document Type: Review
Language: English

Cited References: 50 **Times Cited:** 0 [FIND RELATED RECORDS](#)

Abstract: Fanconi anemia (FA) is a rare inherited disease characterized by genomic instability and markedly increased cancer risk. Efforts to elucidate the molecular basis of FA have unearthed a novel DNA damage response pathway, the integrity of which is critical for cellular resistance to DNA cross-linking agents. Despite significant progress in uncovering the molecular events underlying FA, the precise function of this pathway in DNA repair is unknown. This article will review evidence implicating FA proteins in multiple aspects of DNA cross-link repair and propose a model to explain the selectivity of the FA pathway toward DNA cross-linking agents. (c) 2006 Elsevier Inc. All rights reserved.

Author Keywords: Fanconi anemia; DNA cross-links; mitomycin C; translesion DNA synthesis
KeyWords Plus: DOUBLE-STRAND BREAKS; DNA-REPAIR; HOMOLOGOUS RECOMBINATION; FANCD2 FUNCTIONS; CORE COMPLEX; PROTEIN; DAMAGE; BRCA2; UBIQUITIN; RAD51
Addresses: D'Andrea AD (reprint author), Harvard Univ, Sch Med, Dana Farber Canc Inst, Dept Radiat Oncol, 44 Binney St, Boston, MA 02115 USA
 Harvard Univ, Sch Med, Dana Farber Canc Inst, Dept Radiat Oncol, Boston, MA 02115 USA
E-mail Addresses: alan_dandrea@dfci.harvard.edu
Publisher: ELSEVIER INC, 525 B STREET, STE 1900, SAN DIEGO, CA 92101-4495 USA
Subject Category: Oncology; Cell Biology
IDS Number: 075DT

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[SAVE TO MY EndNote Web](#) [Go to my EndNote Web library](#)

Or add it to the Marked List for later output and more options.

[REMOVE FROM MARKED LIST](#) [284 articles marked]

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Alan D Andrea 氏と共通の引用文献が多かった論文。

Related Records -- Summary

The records below are related to this parent record and are sorted by the most shared references:
 MIRCHANDANI KD: [The Fanconi anemia/BRCA pathway: A coordinator of cross-link repair](#)

Cited References: 50 **References Selected:** 50

Refine your results

[Subject Categories](#) | [Source Titles](#) | [Document Types](#) | [Authors](#) | [Publication Years](#) [more choices](#)

1,875 results found Go to Page: 1 of 38 [GO](#)

Records 1 -- 50 [Show 50 per page](#)

Use the checkboxes to select records for output. See the sidebar for options.

	Cited Refs	Shared Refs
<input type="checkbox"/> 1. Taniguchi T, D'Andrea AD Molecular pathogenesis of Fanconi anemia: recent progress BLOOD 107 (11): 4223-4233 JUN 1 2006 Times Cited: 10 LINKS VIEW FULL TEXT	149	25
<input checked="" type="checkbox"/> 2. Kennedy RD, D'Andrea AD The Fanconi Anemia/BRCA pathway: new faces in the crowd GENES & DEVELOPMENT 19 (24): 2925-2940 DEC 15 2005 Times Cited: 22 LINKS VIEW FULL TEXT	135	24
<input type="checkbox"/> 3. Levitus M, Joenje H, de Winter JP The Fanconi anemia pathway of genomic maintenance CELLULAR ONCOLOGY 28 (1-2): 3-29 2006 Times Cited: 1 LINKS	172	22
<input type="checkbox"/> 4. Hinz JM, Nham PB, Salazar EP, et al. The Fanconi anemia pathway limits the severity of mutagenesis DNA REPAIR 5 (8): 875-884 AUG 13 2006 Times Cited: 0 LINKS VIEW FULL TEXT	93	12
<input checked="" type="checkbox"/> 5. Huang TT, D'Andrea AD Regulation of DNA repair by ubiquitylation NATURE REVIEWS MOLECULAR CELL BIOLOGY 3 (5): 323-334 MAY 2006	104	18

Analyze Results:

[ANALYZE](#)

View rankings of the authors, journals, etc. for these records.

Output Records:

Selected records on page
 All records on page

Records to

Bibliographic Fields

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[SAVE TO MY EndNote Web](#) [Go to my EndNote Web library](#)

Or add them to the Marked List for later output and more options.

[ADD TO MARKED LIST](#) [284 articles marked]

引用文献検索 ガイド 14～15ページ 引用文献からの検索も可能です。

注目すべき引用文献があれば、「その文献を引用している論文」を探することができます。その分野の代表的な単行本、論文、会議録、政府報告書など、「これを引用している論文は、恐らく自分の検索しているテーマの事を研究しているであろう」と仮定し、Cited Reference Search をします。

入力する項目は、Author : (苗字 + 名前のイニシャル)

Source Title: (ジャーナルの省略形など)

Publication Year: (西暦 1990-1995、幅を持たせる方法もある)

他のデータベースのレコードを元に検索 のステップを行う。

他のデータベース検索の結果を WoS で再検索すると、引用のリンクで、その後の動向などが分かります。論文のタイトルを数文字コピーして、WoS の TOPIC 欄にペーストして検索。



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General Search

Selected database(s) and timespan: CHANGE SETTINGS
Databases=SCI-EXPANDED, CCR-EXPANDED (back to 1840), IC, SSCI, A&HCI; Timespan=

Enter terms or phrases separated by the operators AND, OR, NOT, or SAME. The search will be added to the search history. [>> View your search history]

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Example: neural network* AND pollut* (More examples)

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課題A:

BRCA2のみで検索した際に、膨大レコードから分子生物学の論文だけを抽出する方法

1) WoS でキーワードを使用しないで、絞り込む場合は、ジャーナル名かジャーナルのサブジェクトカテゴリーを使います。Cell, Mol Cell, EMBO J, Gene Dev, Nature, Science などのような分野かを確認すると、下記の5分野に分類されていることが分かりましたので、BRCA2をもっと幅広いジャーナルのセレクションで調べなおします。

BRCA2 の 3056 件に対して、上記のジャーナルのカテゴリーを使い絞り込んだ結果、1091 件が抽出されました。さらに内訳を見るために Refine をしたところ。

TS=(BRCA2)
DocType=All document types; Language=All languages; Databases=SCI-EXPANDED, SSCI, A&HCI; Timespan=1900-2007
SubjCat=GENETICS & HEREDITY, BIOCHEMISTRY & MOLECULAR BIOLOGY, CELL BIOLOGY, MULTIDISCIPLINARY SCIENCES, DEVELOPMENTAL BIOLOGY

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- CELL BIOLOGY (205)
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- For more options, use [Analyze Results](#).

1,091 results found Go to Page: 1 of 22 [GO](#)

Records 1 - 50 [Show 50 per page](#)

その他、データベースによっては、論文レベルに付与される統制語と呼ばれるキーワードが付与されているので、それらを参照すると、特定のもののみを集めることが可能になります。

Title: The Fanconi Anemia/BRCA pathway: new faces in the crowd
Author(s): [Kennedy RD](#), [D'Andrea AD](#)
Source: GENES & DEVELOPMENT 19 (24): 2925-2940 DEC 15 2005
Document Type: Review
Language: English
Cited References: 135 **Times Cited:** 29 [FIND RELATED RECORDS](#)

Abstract: Over the past few years, study of the rare inherited chromosome instability disorder, Fanconi Anemia (FA), has uncovered a novel DNA damage response pathway. Through the cooperation of multiple proteins, this pathway regulates a complicated cellular response to DNA cross-linking agents and other genotoxic stresses. In this article we review recent data identifying new components of the FA pathway that implicate it in several aspects of the DNA damage response, including the direct processing of DNA, translesion synthesis, homologous recombination, and cell cycle regulation. We also discuss new findings that explain how the FA pathway is regulated through the processes of ubiquitination and deubiquitination. We then consider the clinical implications of our current understanding of the FA pathway, particularly in the development and treatment of malignancy in heterozygous carriers of FA mutations or in patients with sporadic cancers. We consider how recent studies of p53-mediated apoptosis and loss of p53 function in models of FA may help explain the clinical features of the disease and finally present a hypothesis to account for the specificity of the FA pathway in the response to DNA cross-links.

Author Keywords: BRCA; cancer; chemotherapy; DNA cross-links; DNA helicase; Fanconi Anemia
KeyWords Plus: DNA-DAMAGE RESPONSE; ACUTE MYELOID-LEUKEMIA; DOUBLE-STRAND BREAKS; HOMOLOGY-DIRECTED REPAIR; BLOOMS-SYNDROME HELICASE; S-PHASE; NUCLEAR ACCUMULATION; BRCA PATHWAY; CROSS-LINKS; DEUBIQUITINATING ENZYMES

Addresses: D'Andrea AD (reprint author), Harvard Univ, Sch Med, Dana Farber Canc Inst, Dept Radiat Oncol, Boston, MA 02115 USA
Harvard Univ, Sch Med, Dana Farber Canc Inst, Dept Radiat Oncol, Boston, MA 02115 USA
E-mail Addresses: alan_dandrea@dfci.harvard.edu
Publisher: COLD SPRING HARBOR LAB PRESS, PUBLICATIONS DEPT, 500 SUNNYSIDE BLVD, WOODBURY, NY 11797-2924 USA

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MEDLINE

Title: The Fanconi Anemia/BRCA pathway: new faces in the crowd.

Author(s): [Kennedy, Richard D.](#); [D'Andrea, Alan D.](#)

Source: Genes Dev 19 (24) : 2925-40 2005 Dec 15

Language: English

Abstract: Over the past few years, study of the rare inherited chromosome instability disorder, Fanconi Anemia (FA), has uncovered a novel DNA damage response pathway. Through the cooperation of multiple proteins, this pathway regulates a complicated cellular response to DNA cross-linking agents and other genotoxic stresses. In this article we review recent data identifying new components of the FA pathway that implicate it in several aspects of the DNA damage response, including the direct processing of DNA, translesion synthesis, homologous recombination, and cell cycle regulation. We also discuss new findings that explain how the FA pathway is regulated through the processes of ubiquitination and deubiquitination. We then consider the clinical implications of our current understanding of the FA pathway, particularly in the development and treatment of malignancy in heterozygous carriers of FA mutations or in patients with sporadic cancers. We consider how recent studies of p53-mediated apoptosis and loss of p53 function in models of FA may help explain the clinical features of the disease and finally present a hypothesis to account for the specificity of the FA pathway in the response to DNA cross-links.

Address: Department of Radiation Oncology, Dana-Farber Cancer Institute, Harvard Medical School, Boston, Massachusetts 02115, USA.

MeSH Terms:

Heading	Qualifier
Cell Cycle	
Chromosomal Instability	
*DNA Damage	
*DNA Repair	
*DNA Replication	
Fanconi Anemia	genetics *metabolism
Humans	
Protein Processing, Post-Translational	
Recombination, Genetic	
Research Support, Non-U.S. Gov't	
*translesion synthesis	

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BIOSIS

Accession Number: PREV200600136244

Document Type: Article **Literature Type:** Literature Review

Title: The Fanconi Anemia/BRCA pathway: new faces in the crowd

Author(s): [Kennedy, Richard D.](#); [D'Andrea, Alan D.](#) (alan_dandrea@dfci.harvard.edu)

Source: Genes & Development 19 (24) : 2925-2940 DEC 15 2005

Language: English

Abstract: Over the past few years, study of the rare inherited chromosome instability disorder, Fanconi Anemia (FA), has uncovered a novel DNA damage response pathway. Through the cooperation of multiple proteins, this pathway regulates a complicated cellular response to DNA cross-linking agents and other genotoxic stresses. In this article we review recent data identifying new components of the FA pathway that implicate it in several aspects of the DNA damage response, including the direct processing of DNA, translesion synthesis, homologous recombination, and cell cycle regulation. We also discuss new findings that explain how the FA pathway is regulated through the processes of ubiquitination and deubiquitination. We then consider the clinical implications of our current understanding of the FA pathway, particularly in the development and treatment of malignancy in heterozygous carriers of FA mutations or in patients with sporadic cancers. We consider how recent studies of p53-mediated apoptosis and loss of p53 function in models of FA may help explain the clinical features of the disease and finally present a hypothesis to account for the specificity of the FA pathway in the response to DNA cross-links.

Address: D'Andrea, Alan D.; Harvard Univ, Sch Med, Dana Farber Canc Inst, Dept Radiat Oncol, Boston, MA 02115 USA

ISSN: 0890-9369

MAJOR CONCEPTS: [Molecular Genetics](#) (Biochemistry and Molecular Biophysics); [Hematology](#) (Human Medicine, Medical Sciences)

CONCEPT CODE: [03502, Genetics - General](#); [03508, Genetics - Human](#); [10064, Biochemistry studies - Proteins, peptides and amino acids](#); [15006, Blood - Blood, lymphatic and reticuloendothelial pathologies](#)

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MEDLINE のシソーラスを使った絞込み結果です。BRCA2 and homologous recombination の検索では、WoS と同じく 130 件ぐらいがヒットしています。BRCA2も 3000 件程度で WoS と同じです。# 3では、Recombination Genetic という MeSH 用語を使っています。# 1の 136 件以外に 54 件新たに追加ヒットしているので (# 4)、合計 190 件を検索できました。あるいは、# 6のように遺伝子診断系の MeSH 用語を使って、BRCA2 から削除するという方法もあります。2485 件。

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<input type="checkbox"/> #6	2,485	TS=(BRCA2) NOT MH=(Genetic Screening or Predictive Value of Tests) Databases=In-Process, MEDLINE; Timespan=1950-2007
<input type="checkbox"/> #5	190	#3 or #1 Databases=In-Process, MEDLINE; Timespan=1950-2007
<input type="checkbox"/> #4	54	#3 not #1 Databases=In-Process, MEDLINE; Timespan=1950-2007
<input type="checkbox"/> #3	135	#2 AND MH:exp=Recombination, Genetic Databases=In-Process, MEDLINE; Timespan=1950-2007
<input type="checkbox"/> #2	3,077	TS=(BRCA2) Databases=In-Process, MEDLINE; Timespan=1950-2007
<input type="checkbox"/> #1	136	TS=(BRCA2 and homologous recombination) Databases=In-Process, MEDLINE; Timespan=1950-2007

BIOSISと呼ばれる生物学専門データベースを使うと、分子生物学というシソーラス用語があります。# 3ではBRCA2の3000件のうち、1767件が分子生物学系のレコードであることを示しています。# 4は、遺伝子診断を検索した結果です。

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<input type="checkbox"/> #5	181	#4 AND #3 DocType=All document types; LitType=All literature types; Language=A Notes; Database=BIOSIS Previews; Timespan=1926-2007
<input type="checkbox"/> #4	314	TS=(BRCA2 AND (Genetic Screening or Predictive)) DocType=All document types; LitType=All literature types; Language=A Notes; Database=BIOSIS Previews; Timespan=1926-2007
<input type="checkbox"/> #3	1,767	TS=(BRCA2) AND MC=(BIOCHEMISTRY AND MOLECULAR BIOPHYSICS) DocType=All document types; LitType=All literature types; Language=A Notes; Database=BIOSIS Previews; Timespan=1926-2007
<input type="checkbox"/> #2	2,969	TS=(BRCA2) DocType=All document types; LitType=All literature types; Language=A Notes; Database=BIOSIS Previews; Timespan=1926-2007
<input type="checkbox"/> #1	130	TS=(BRCA2 and homologous recombination) DocType=All document types; LitType=All literature types; Language=A Notes; Database=BIOSIS Previews; Timespan=1926-2007

課題B:

興味ある論文を登録しておく方法。もしくは、あまり興味のない雑誌を選ばない方法

1) まず簡単な方法は、興味ある雑誌の集合をいつも検索に掛け合わせる方法です。例えば、下記の式を、いつも何かのキーワード検索に掛け合わせると、読みたくない雑誌の結果を排除できます。

SO=(cell or molecular cell or EMBO journal or GENES DEVELOPMENT or science or nature)

上の式は、General Search の Source Title に入力しても結構ですが、Advance Search に直接入力したほうが楽です。例えば、TS=(BRCA2) AND と入力してから、SO=()を追加してやると57件検索できました。選ばないようにするには、これとは逆に AND ではなく、NOT を入れるとできます。いずれも Advance Search を使います。

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Databases=SCI-EXPANDED, SSCI, A&HCI, CCR-EXPANDED (back to 1840), IC; Timespan=1900-2007

Search General Search fields only, using 2-character tags. Combine sets using Boolean operators. Nest terms using parentheses ().

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 #1 NOT #2

TS=(BRCA2) AND
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Restrict search by languages and document types:

All languages	All document types
English	Article
Afrikaans	Abstract of Published Item

Field Tags	Booleans
(General Search only)	AND
TS=Topic	OR
TI=Title	NOT
AU=Author	SAME
GP=Group Author	
SO=Source	
PY=Publication Year	
AD=Address	
OG=Organization	
SG=Suborganization	
SA=Street Address	
CI=City	
PS=Province/State	
CU=Country	
ZP=Zip/Postal Code	

<input type="checkbox"/> #8	<p>2,999</p> <p>TS=(BRCA2) NOT SO=(cell or molecular cell or EMBO journal or GENES DEVELOPMENT or science or nature) <small>DocType=All document types; Language=All languages; Databases=SCI-EXPANDED, SSCI, A&HCI, CCR-EXPANDED (back to 1840), IC; Timespan=1900-2007</small></p>
<input type="checkbox"/> #7	<p>57</p> <p>TS=(BRCA2) AND SO=(cell or molecular cell or EMBO journal or GENES DEVELOPMENT or science or nature) <small>DocType=All document types; Language=All languages; Databases=SCI-EXPANDED, SSCI, A&HCI, CCR-EXPANDED (back to 1840), IC; Timespan=1900-2007</small></p>

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