



ADVANCING SCIENCE, SERVING SOCIETY

www.sciencemag.org

<http://www.sciencemag.org/site/help/librarians/tutorial/index.xhtml>
사이트 이용법 안내 (Flash 화면), 한국어 자막 제공

- ✓ AAAS (American Association for the Advancement of Science)는 1848년에 설립된 학회로, 세계적인 과학자들로 구성된 Editors 그룹을 통해 우수한 아티클을 제공
- ✓ 원문 제공 년도 : 1997년 ~ 현재
(Science Classic (Science 지 백파일) : 창간호 ~ 1996년)
- ✓ 주제 분야
 - Science : 과학 전주제 분야
 - Science Signaling : 세포신호, 시스템 생물학, 통합 생물학, 신약개발
 - Science Translational Medicine : 병예방/치료/진단 방법과 함께 학제간 연구와 임상간의 격차를 좁히는 연구 제공
- ✓ 저널 종수 : 3종
- ✓ 저널 이용 홈페이지 : <http://www.sciencemag.org>

1. Main Page

The screenshot shows the Science Magazine website main page. Annotations A-F point to various features: A (NEWS), B (AAAS logo), C (CAREERS), D (BLOGS & COMMUNITIES), E (MULTIMEDIA), and F (COLLECTIONS). A search box is highlighted with a green box and labeled '빠른 검색' (Fast Search). A dropdown menu for 'Science Magazine' is shown with 'SAGE KE' selected, pointing to a box with details about the Science of Aging Knowledge Environment.

빠른 검색

A. 무료 기사 (Now -연구와 관련된 매일의 뉴스, Insider-과학정책)
Science 지 가장 최근 이슈로 이동

B. AAAS의 발행 저널들 및 상품으로 이동

C. 연구자들의 경력 계발을 위한 정보(구직, 연구비, 회의 일정 등)

D. 과학 분야 속보 및 소식, 주제별 커뮤니티 블로그 모음

E. Podcast(오디오), 이미지 등 멀티미디어, 세미나 자료 제공

<http://www.sciencemag.org/webinar/>

F. [Subject Collections](#) [Online Extras](#) [Science Special Collections](#) [Archived Collections](#)

- 1996년부터의 Science 지에 실린 아티클의 주제별 브라우징 제공
- Science지의 콘텐츠에 덧붙여진(보완된) Web-only 특집 기사들
- Special content : Special News, Commentary, Research 등
- 2001년 10월-2006년 6월까지 발행되었던 Sage KE의 콘텐츠

Science of Aging Knowledge Environment:
 노화에 관련된 뉴스, 리뷰
 (폐간 자료, 2001-2006년
 까지만 발행)



2. Science Journals Page

The screenshot shows the Science Journals page layout. At the top, there is a navigation bar with 'Science' and 'AAAS' logos, and links for 'NEWS', 'SCIENCE JOURNALS', 'CAREERS', 'BLOGS & COMMUNITIES', 'MULTIMEDIA', and 'COLLECTIONS'. Below this, a sub-navigation bar lists 'Science', 'Science Signaling', 'Science Translational Medicine', 'Science Express', and 'Science Classic'. A yellow box labeled 'A' highlights these sub-navigation items. Below the sub-navigation bar, there are two main content areas: 'SCIENCE' and 'SCIENCE SIGNALING'. The 'SCIENCE' section features a 'CURRENT ISSUE' tab and a list of articles including 'Precision Genome Engineering' and 'Making Academic Research Pay'. The 'SCIENCE SIGNALING' section features a 'CELL BIOLOGY' tab and articles like 'Staying Wound Up During Hypoxia' and 'Limiting Growth Factor Signaling'. A yellow box labeled 'B' highlights the 'SCIENCE SIGNALING' section. On the left side, there is a sidebar menu titled 'About Our Sites' with links to 'About Science', 'About ScienceNOW', 'About Science Signaling', 'About Science Translational Medicine', 'About Science Careers', 'About Multimedia', and 'About Collections'. A yellow box labeled 'C' highlights this sidebar menu.

A. AAAS의 발행 저널 3종

- Science Magazine : 과학 전반을 다루는 저널 (1997년-Current)
- Science Signaling : 세포신호체계 관련 저널
- Science Translational Medicine : Bench (실험실) => Bedside (환자의 치료)로의 적용을 위한 연구 제공, Personalized Medicine (맞춤 의학)에 중점.

B : Science Express (Science 지의 early view 기능)

Science Classic (Science 지의 백파일 : 창간호-1996년)

C : 발행 저널 및 주요 메뉴에 대한 소개

3. Science Magazine

The screenshot shows the Science Magazine website interface. At the top, there is a search bar with the text 'Science Magazine' and a dropdown arrow, and a search input field with the placeholder 'Enter Search Term'. Below the search bar is a navigation menu with links for 'NEWS', 'SCIENCE JOURNALS', 'CAREERS', 'BLOGS & COMMUNITIES', 'MULTIMEDIA', and 'COLLECTIONS'. The main navigation bar includes 'Science Home', 'Current Issue', 'Previous Issues', 'Science Express', 'Science Products', 'My Science', and 'About the Journal'. The 'Current Issue' link is highlighted with a green box and labeled 'A'. Below the navigation bar, there is a search section with a 'Search the Journal' box, 'Vol#' and 'Pg#' input fields, a 'GO' button, and a 'Full text' dropdown menu. A purple box highlights the 'Full text' dropdown menu, and a red box highlights the 'GO' button. A yellow box labeled 'E' points to the search section. The main content area shows the 'CURRENT ISSUE' for '15 FEBRUARY 2013, VOL. 339, #6121'. There are yellow arrows labeled 'B', 'C', and 'D' pointing to the 'Table of Contents' link, the 'Science Podcast' link, and the 'Table of Contents' link respectively. A yellow box labeled 'B' contains text about the 'Early View' feature. A yellow box labeled 'C' contains text about the 'Science Podcast' feature. A yellow box labeled 'D' contains text about the 'Personalized Alerts' service. A red box labeled 'E' contains text about the search functionality. A pink box labeled '* Search' contains text about search options.

A. 볼륨, 이슈 브라우징

B. Early View 기능
- 정식 발행 전 hot topic 를 선정하여 일부 기사를 온라인으로 미리 제공(유료 옵션)

C. 생명과학 분야 포스터, 아티클 및 최신 소식 제공

D. 개인 맞춤 서비스.(alert 기능, 기사 저장 등)

E. Science Magazine 검색, 저널 볼륨 & 페이지 번호로 검색 가능

*** Search**
Vol. 번호, Page 번호로 찾기
키워드 검색
상세 검색

1) Issue Homepage

Science The World's Leading Journal of Original Scientific Research, Global News, and Commentary.

Science Home | **Current Issue** | Previous Issues | Science Express | Science Products | My Science | About the Journal

Home > Science Magazine > 15 February 2013

Table of Contents

< Prev Issue

해당 섹션으로 바로가기

- ▾ This Week in Science
- ▾ Editorial
- ▾ Editors' Choice
- ▾ News of the Week
- ▾ News & Analysis
- ▾ News Focus
- ▾ Letters
- ▾ Books *et al.*
- ▾ Policy Forum
- ▾ Perspectives
- ▾ Review
- ▾ Research Articles
- ▾ Reports
- ▾ Technical Comments

15 FEBRUARY 2013
VOL 339, ISSUE 6121, PAGES 729-872

▸ About the Cover

+ Front and Back Matter from the Print Issue [PDF] **A**

▸ Author Index **B** ▸ Subject Index **C** ▸ Set E-Mail Alerts ▸ Order an Issue/Article ▸ Recommend to Your Library ▸ XML RSS Feeds **D**

Search the Journal **E**

Issue Highlights **F**

▸ Precision Genome Engineering

VIEW ABSTRACTS ▸ SAVE TO MY FOLDERS ▸

- A. Print 버전의 TOC, 발행인, 광고란을 PDF로 제공
- B. Index - 저자별, 주제별 인덱스
- C. E-mail Alerts 설정
- D. 새 기사가 나올 경우 내 컴퓨터에 설치된 RSS리더기로 Alerts 받음
- E : 아래 콤보박스 열어서 이슈 내 또는 모든 이슈로 지정하여 검색
- F : 이슈의 하이라이트 기사

* 원하는 기사 선택하여 초록 보기
* 기사 선택하여 내 폴더에 저장 (개인 계정 등록 후 이용 가능)

2) Advanced Search

About Search
Use the search criteria at right to search issues back to 1880.
[\(More help with searching\)](#)

Advanced Search - Science Magazine
Search all issues (3 July 1880 to present)

Search by Citation: Volume: Page:

Search by DOI: What is a DOI?

Search by Keywords/Authors:

Words anywhere in the article:
 ANY of these words ALL of these words This exact phrase

Words in the title or abstract:
 ANY of these words ALL of these words This exact phrase

Words in the title only:
 ANY of these words ALL of these words This exact phrase

Author (last name, initial):
 And (last name, initial):

Content posted between: and

Documents to Display:

Sort by: Relevance

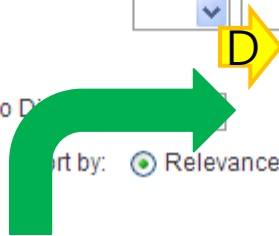
Limit Results by Area/Section (Articles Published After 1996)
 Search Articles and E-Letters Search Articles Only

Search All Areas

Search Only:

<input type="checkbox"/> Original Research	<input type="checkbox"/> Editors' Choice & This Week in Science
<input type="checkbox"/> News	<input type="checkbox"/> Book & Web Reviews
<input type="checkbox"/> Reviews, Perspectives & Essays	<input type="checkbox"/> AAAS News & Notes
<input type="checkbox"/> Editorials, Letters & Policy Forums	

A. Volume, Page 정보로 검색
 B. DOI로 특정기사 검색
 C. 키워드 또는 저자명으로 검색
 - 검색범위(타이틀, 초록, 본문), 기간 제한 가능, 검색결과 정렬 방법 등 설정 가능
 D. 검색 대상 섹션 제한 기능



3) Search Result -1

* 검색 식 또는 검색어 수정
* 페이지당 보여지는 결과 수

Home > Science Magazine > Advanced Search > Search Results

Science Magazine Search Results

Results 1-25 of 939 found

Sort by: Relevance | Most Recent | Earliest

Hide Query Details

Searching journal content and eletters for **earthquake** (all words) in full text, from Jan 2000 through latest publication date.

For this search: [SAVE TO MY SEARCHES](#) [ALERT ME OF NEW RESULTS](#)

For all checked items: [VIEW ABSTRACTS](#) [SAVE TO MY FOLDERS](#)

[First] 1 2 3 4 5 7 ... Next 25 »

Major Earthquakes Occur Regularly on an Isolated Plate Boundary Fault
Kelvin R. Berryman, Ursula A. Cochran, Kate J. Clark, Glenn P. Biasi, Robert M. ... and Pilar Villamor
Science 29 June 2012: 1690-1693. [DOI:10.1126/science.1218959]

[Supplementary Materials](#)

Rapid Acceleration Leads Earthquake-Like Laboratory Experiments

ABSTRACT

After nucleation, a large earthquake rupture front along a fault. This patches that slip by consuming simulated the slip of a fault patch fault with energy stored in a sp evolution of strength, acceleration experiments are proxies of fault of moment magnitude (M_w) = determined earthquake param magnitude, or fracture energy of the energy release during a indicate that high acceleration front quickens dynamic weak

[Abstract](#) [Full Text](#) [Full Text \(PDF\)](#) [Supplementary Materials](#)

Results 1-25 of 939 found

A

B

C

D

E

- A. 검색 결과 저장
- B. 지정한 검색어로 새로운 결과가 나왔을 경우, 이메일 알림 기능
- C. 선택한 기사 초록 보기
- D. 내 폴더에 저장
- E. 기사명, 저자명 등 마우스를 대면 팝업창으로 해당 초록 내용을 보여줌

[x] close

Rapid Acceleration Leads Earthquake-Like Laboratory Experiments

ABSTRACT

After nucleation, a large earthquake rupture front along a fault. This patches that slip by consuming simulated the slip of a fault patch fault with energy stored in a sp evolution of strength, acceleration experiments are proxies of fault of moment magnitude (M_w) = determined earthquake param magnitude, or fracture energy of the energy release during a indicate that high acceleration front quickens dynamic weak

4) Search Result - 2

Magazine > 5 October 2012 > Chang et al., 338 (6103): 101-105

Article Views

- * Abstract
- * Full Text
- * Full Text (PDF)
- * Figures Only
- * Supplementary Materials

Article Tools

- Save to My Folders
- Download Citation
- Alert Me When Article is Cited
- Post to CiteULike
- E-mail This Page
- Rights & Permissions
- Commercial Reprints and E-Prints
- View PubMed Citation

Related Content

- In *Science Magazine*
 - * Science Perspective by Shimamoto and Togo
 - * More Information on Related Content
- Similar Articles In:
 - * Science Magazine
 - * PubMed
- Search Google Scholar for:
 - * Articles by Chang, J. C.
 - * Articles by Reches, Z.

Science 5 October 2012:
Vol. 338 no. 6103 pp. 101-105
DOI: 10.1126/science.1221195

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Read Full Text for Comments

REPORT

Rapid Acceleration Leads to Rapid Weakening in Earthquake-Like Laboratory Experiments

J. C. Chang¹, D. A. Lockner², Z. Reches^{1,2}

Author Affiliations

To whom correspondence should be addressed. E-mail: reches@ou.edu

ABSTRACT

After nucleating a fault in a laboratory experiment, we observe that the velocity of moment release during the initial phase of rupture is significantly faster than the velocity of moment release during the final phase of rupture. This finding indicates that the rupture process is characterized by a rapid acceleration followed by a rapid deceleration. We propose that this behavior is due to the presence of a velocity-weakening zone at the leading edge of the rupture. This zone is formed by the rapid acceleration of the rupture front, which causes the rupture to propagate faster than the surrounding material. The rapid deceleration is then caused by the rupture front encountering a zone of material that is stronger than the surrounding material.

Received 12 June 2012; accepted 12 July 2012

DOI: 10.1126/science.1221195

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0036-8075/12/338101-05\$12.00/0

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Science

5 October 2012

101-105

338 (6103): 101-105

10.1126/science.1221195

Science

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338 (6103): 101-105

10.1126/science.1221195

Science

5 October 2012

101-105

338 (6103): 101-105

10.1126/science.1221195

- A. 해당 기사를 내 폴더에 보관
- B. 기관에서 사용하는 Citation Manager가 있다면, 서지 정보 다운로드 가능
- C. 해당 기사 인용 알림 기능 신청
- D. CiteULike(개인 도서관) 라는 무료 사이트에 개인 계정을 만들어서 원하는 기사 저장 가능
- E. 해당 기사 링크를 Email로 전송
- F. PubMed에 수록된 기사 정보 보기
- G. Editor가 추천하는 관련된 다른 기사
- H. Science와 PubMed에서 유사한 기사 검색
- I. Google Scholar, PubMed 에서 해당 기사의 저자명으로 검색
- J. 해당 기사가 인용된 기사 보기



Related Content

In *Science Magazine*

- * Science Perspective by Shimamoto and Togo
- * More Information on Related Content

Similar Articles In:

- * Science Magazine
- * PubMed

Search Google Scholar for:

- * Articles by Chang, J. C.
- * Articles by Reches, Z.

Related Content

In *Science Magazine*

- * Science Perspective by Shimamoto and Togo
- * More Information on Related Content

Similar Articles In:

- * Science Magazine
- * PubMed

Search Google Scholar for:

- * Articles by Chang, J. C.
- * Articles by Reches, Z.

Search PubMed for:

- * Articles by Chang, J. C.
- * Articles by Reches, Z.

Find Citing Articles in:

- * Web of Science (1)
- * HighWire Press
- * CrossRef
- * Scopus (1)

THIS ARTICLE HAS BEEN CITED BY OTHER ARTICLES:

5) Search All HighWire Journals

About Search

To rephrase your search or try a new search, click "Modify Search".
(More help with searching)

Search Other Sites

- > Search Science Magazine
- > Search Science Signaling
- > Search Science Translational Medicine
- > Search SAGE KE
- > Search ScienceCareers
- > Search All HighWire Journals

Related Information

- > Search our ProductInfo database of scientific product information

Search (note: all fields are optional)

[\[help\]](#)

Specify Citation Year Volume First page

Specify DOI 10.XXXX/<number>

Specify Authors, Keywords

Author	<input type="text"/>
Author	<input type="text"/>
Title	<input type="text"/>
Abstract Title	<input type="text"/>
Text Abstract Title	<input type="text"/>

Specify Journals to Search HighWire-hosted journals

Limit Results From through

Include all articles, review articles only

Format Results

<input checked="" type="radio"/> standard result format 1	<input type="radio"/> condensed result format 2
View <input type="text" value="10"/> results per page	View <input type="text" value="25"/> results per page
Sort: <input checked="" type="radio"/> best match, <input type="radio"/> newest first	Sort: <input checked="" type="radio"/> best match, <input type="radio"/> newest first

A. Citation- 서지사항으로 아티클 검색 (연도, 볼륨, 페이지)
 B. DOI로 특정기사 검색
 C. 저자의 이름으로 검색
 D. 기사명, 초록, 기사전문 내에서 키워드로 기사 검색
 (Search Tips; and=all, any=or, phrase=" ")
 E. Highwire의 모든 저널을 대상으로 검색
 F. 아티클의 발행시기를 제한하여 검색
 G. Format Results : 정렬방법 선택

1. 서지사항 모두
 2. 간략 서지사항만 :
 저널명, 제 1저자, 기사명, 볼륨, 페이지

4. Science Signaling

Science Signaling The Signal Transduction Knowledge Environment

[Sci. Signal. Home](#) | [Issue Archive](#) | [Literature](#) | [Community](#) | [Resources](#) | [Database of Cell Signaling](#) | [My Science Signaling](#) | [About Science Signaling](#)

Home > [Science Signaling Home](#) ↑ **A** ↑ **B** ↑ **C** ↑ **D** ↑ **E** ↑ **F**

Search *Science Signaling*

Enter Keyword

Full text ▼

GO >

Advanced >

Call for Papers

> Submit a Research Article

Access to Science Signaling

Access to the full text of articles in Research, Perspectives, Reviews, Protocols, Presentations, Meeting Reports, and the Virtual Journal, and use of My Science Signaling personalization tools requires a Science Signaling subscription. All other Science Signaling features are available free with registration.

> How to Access

> Free Samples

> Subscribe to Science Signaling

In the Current Issue 12 February 2013 (Issue 262)

DNA replication

> [Image details](#)

> [Current Issue Table](#)

Research Articles

A Nontranscriptional Role for HIF-1 α as a Direct Inhibitor of DNA Replication
Maimon E. Hubbi, Kshitiz, Daniele M. Gilkes, Sergio Rey, Carmen C. Wong, Weibo Luo, Deok-Ho Kim, Chi V. Dang, Andre Levchenko, and Gregg L. Semenza
[Editor's Summary](#) | [Abstract](#) | [Full Text](#) | [PDF](#) | [Supplementary Materials](#)

ERK-Mediated Phosphorylation of Fibroblast Growth Factor Receptor 1 on Ser⁷⁷⁷ Inhibits Signaling
Malgorzata Zakrzewska, Ellen Margrethe Haugsten, Beata Nadratowska-Wesolowska,

A : 이슈 브라우즈

B : peer-review 논문, 전문가들의 견해 및 전망, 실험 메뉴얼, 타 출판사의 세포 신호분야 원문 기사 등을 포함

C : 연락처, 공개 토론의 장, 슬라이드 쇼 발표회 자료 등을 포함

D : 학생과 교사에게 제공되는 멀티미디어 교수 자료, Podcast, 강의 계획서 제공

E : 세포 신호전달에 관한 데이터베이스, 세포 신호전달의 경로 요소들과 이들의 상호관계에 대한 쌍방향 데이터베이스의 정기적인 업데이트

F : 기관 내 이용자들이 개인 계정 생성 후 본인의 검색 내용 저장 및 alert 등의 기능 이용 가능

G : Signaling 콘텐츠 만 검색

1) Literature

Science Signaling The Signal Transduction Knowledge Environment

Sci. Signal. Home Issue Archive **Literature** Community Resources Database of Cell Signaling My Science Signaling About Scier

Home > Science Signaling Home > Literature

Call for Papers

- Submit a Research Article

In Literature

- Editors' Choice
- Editorial Guides
- Research Articles** (A)
- Research Resources (B)
- Editors' Summaries
- Perspectives (C)
- Reviews (D)
- Connections Map
- Overviews (E)
- Journal Club (F)
- Protocols (G)
- Preview (H)
- Letters (I)
- Errata (J)
- Virtual Journal (K)

(Signal transduction articles from 49 participating journals)

Search Science Signaling

Enter Keyword

*** 각 발행 이슈의 섹션별 기사 모음/브라우저 및 기타 정보원**

- A. 세포 신호전달 분야의 peer-reviewed된 연구
- B. 신호분야 관련 도구, 기술, 데이터베이스를 보고한 peer-reviewed된 연구
- C. 과학적 전망, 최근에 발표된 연구 및 방법과 관련하여 과학자들이 제시한 견해 기사, 도서 리뷰 & 코멘트, 컨퍼런스, 미팅 요약 등을 제공
- D. 세포 신호전달과 관련된 최근 관심 주제 전달, Abstract(기사요약), Gloss(주제 요약), Full text 제공
- E. 신호 경로 (권위자들에 의해 제공된 새로운 정보가 끊임없이 반영됨)
- F. 대학원생 또는 박사과정을 마친 연구원들이 견해를 피력하는 짧은 기사들로 구성되는 섹션
- G. 실험 매뉴얼 (중요한 연구 기법 및 지침 제시)
- H. 논문의 정식 발행 전 초록 미리 보기 제공
- I. 에디터에게 letter 를 보낸 경우, 그에 대한 글(답변)을 볼 수 있음 (대상 -Signaling에 실린 기사 또는 세포 신호분야 주제)
- J. 정식 발행 후 기사의 일부분이 수정된 논문
- K. HighWire 에서 host 되는 타 저널 중 세포 신호 전달에 관한 논문 전문을 제공

2) Virtual Journal

Science Signaling The Signal Transduction Knowledge Environment

Sci. Signal. Home
Issue Archive
Literature
Community
Resources
Database of Cell Signaling
My Science Signaling
About

Home > [Science Signaling Home](#) > [Literature](#) > Virtual Journal

Call for Papers

- ▶ [Submit a Research Article](#)

In Literature

- ▶ [Editors' Choice](#)
- ▶ [Editorial Guides](#)
- ▶ [Research Articles](#)
- ▶ [Research Resources](#)
- ▶ [Editors' Summaries](#)
- ▶ [Perspectives](#)
- ▶ [Reviews](#)
- ▶ [Connections Map Overviews](#)
- ▶ [Journal Club](#)
- ▶ [Protocols](#)
- ▶ [Preview](#)
- ▶ [Letters](#)
- ▶ [Errata](#)
- ▶ [Virtual Journal](#)
 - ▶ [Selection Process](#)
 - ▶ [Publishers](#)

Search Science Signaling

Virtual Journal

Bringing You Signal Transduction Articles from Multiple Journals

Daily, semantic indexing software analyzes the contents of the latest issues of participating journals, identifies the signal transduction-related articles, and adds these to the Virtual Journal. Access to the articles is graciously provided by participating publishers hosted by HighWire Press.

[More about the Virtual Journal](#)

SEARCH

- ▶ [New Additions](#) (February 14-17, 2013)
- ▶ [All Articles](#) (January 1997 - February 2013)

BROWSE NEW ADDITIONS

- ▶ [All New Additions](#) (February 14-17, 2013)
- ▶ [by Journal](#) (49 participating journals)
- ▶ [by Day](#) (February 14-17, 2013)

BROWSE ALL ARTICLES

- ▶ [by Journal](#) (49 participating journals)

Browse All Articles By Week (previous 12 weeks)

- ▶ [February 7-13, 2013](#) (127)
- ▶ [January 31 - February 6, 2013](#) (170)
- ▶ [January 24-30, 2013](#) (111)
- ▶ [January 17-23, 2013](#) (66)

*** HighWire에서 서비스되는 다른 저널 중 세포 신호 전달에 관한 기사 전문을 제공**
 (단, 해당 논문/저널을 구독 중인 경우만 가능)

- 현재 49종 제공
- 협회 또는 비영리 기관/출판사에서 발행되는 저널에 한함
- Daily Update
- 시스템이 자동으로 기사 수집
- (초록 및 기사명에 있는 Key words 대상으로 함)

The screenshot shows the Science Translational Medicine website. At the top, there is a navigation bar with 'Science' and 'AAAS' logos, and links for 'AAAS.ORG', 'FEEDBACK', 'HELP', and 'LIBRARIANS'. A search bar is on the right. Below this is a secondary navigation bar with 'NEWS', 'SCIENCE JOURNALS', 'CAREERS', 'BLOGS & COMMUNITIES', 'MULTIMEDIA', and 'COLLECTIONS'. The main header features the journal title 'Science Translational Medicine' and the tagline 'Integrating Medicine and Science'. A sub-navigation bar includes 'Sci TM Home', 'Current Issue', 'Rapid Publication', 'Issue Archive', 'Multimedia', 'Sci TM Collections', 'My Sci TM', and 'About Sci TM'. The main content area displays the journal cover, a search box, and a featured article titled 'Impaired DNA Double-Strand Break Repair Leads to Ovarian Aging'. A yellow box with arrows points to specific features: 'A' points to the 'Issue Archive' link, 'B' points to the 'Multimedia' link, 'C' points to the 'Sci TM Collections' link, and 'D' points to the 'My Sci TM' link. A legend box explains these annotations.

AAAS.ORG | FEEDBACK | HELP | LIBRARIANS

Science Translational Medicine

AAAS NEWS SCIENCE JOURNALS CAREERS BLOGS & COMMUNITIES MULTIMEDIA COLLECTIONS

Science Translational Medicine Integrating Medicine and Science

Sci TM Home Current Issue Rapid Publication Issue Archive Multimedia Sci TM Collections My Sci TM About Sci TM

Home > Science Journals > Science Translational Medicine Home

Search the Journal
Vol#
Pg# GO >
Enter Keyword
Full text
GO >
Advanced >

Contributing to Sci TM
> Submit a Manuscript

About Sci TM
> Mission
> Advisory Board
> Associate Advisors
> Staff
> Editorial Policies
> Contact Us

Science Translational Medicine
13 FEBRUARY 2013, VOL. 5, #172
COVER STORY | RESEARCH ARTICLE AND FOCUS
Impaired DNA Double-Strand Break Repair Leads to Ovarian Aging
Accumulation of DNA breaks and inhibition of DNA repair contributes to diminished ovarian reserves in mice and humans.
▶▶ Related Focus: Ovarian Aging: Breaking Up Is Hard to Fix

▶▶ Table of Contents
▶▶ About the Cover

Check out *Science* and *Science Translational Medicine's* joint special section on **biomaterials**.

SciTM Faculty of 1000 papers >>

Melamine-Induced Renal Toxicity Is Mediated by the Gut Microbiota
Melamine is converted to cyanuric acid by the gut microbe *Klebsiella*, leading to a co-precipitate that is nephrotoxic.

A .이슈 브라우징

B. Podcast 등 멀티미디어 자료

C. Editor-selected highlights : 편집진이 선택한 주요 소식

D. 기관 내 이용자들이 개인 계정 생성 후 본인의 검색 내용 저장 및 alert 등의 기능 이용 가능

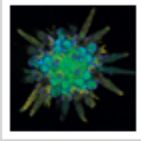


NEWS SCIENCE JOURNALS CAREERS BLOGS & COMMUNITIES **MULTIMEDIA** COLLECTIONS

Science Podcast Images and Slide Shows Video Portal Interactives Webinar Series About Multimedia

Home > Multimedia

Science Podcast - 15 February 2013



Listen to stories on uncertainty at the pinning down cosmic rays, opsins and more.

- ▶ Read Transcript
- ▶ Subscribe to the Science Podcast RSS Feed
- ▶ More Podcasts

Periodic broadcasts from our other journals:

SCIENCE SIGNALING

12 February 2013—In addition to mediating the transcriptional response to hypoxia, HIF-1 α also inhibits proliferation under oxygen-limiting conditions.

- ▶ Listen to the Podcast [mp3]
- ▶ More Signaling Podcasts

SCIENCE TRANSLATIONAL MEDICINE

31 October 2013—Partnerships between scientists and engineers have developed economic models for

- ▶ Listen to the Podcast
- ▶ More STM Podcasts

IMAGES AND SLIDE SHOWS

Three-Dimensional Structures Self-Assembled



AAAS NEWS SCIENCE JOURNALS CAREERS BLOGS & COMMUNITIES **MULTIMEDIA** **COLLECTIONS**

Subject Collections Online Extras Science Special Collections Archived Collections About Collections

Home > Collections

About Our Sites

- About Science
- About ScienceNOW
- About Science Signaling
- About Science Translational Medicine
- About Science Careers
- About Multimedia
- About Collections

Collections ✉ Set Collection E-Mail Alerts

In *Science* Collections, you can browse by subject to find *Science* articles published in your field since 1998; view special content collections like *Netwatch* and *Books et al.*; browse the archive of articles from the *Science of Aging Knowledge Environment*; and find additional Web-only content and supplements to *Science's* special issues. We've also included links to subject-targeted material from *ScienceNOW*, the *KEs*, and *Science Careers*.

SCIENCE SIGNALING

- ▶ LIFE
- ▶ PH
- ▶ OT

SCIENCE TRANSLATIONAL MEDICINE

the aging-research community from 2001 until it ceased publication in mid-2006. Free to AAAS members and institutional subscribers, and to all other individuals with a free registration.

- ▶ Other archived collections

Science Special Issues >

A guide to special features in our print journal, plus links to related material in *Science Signaling*, *SAGE KE*, *ScienceCareers*, and elsewhere

The Gonzo Scientist >

- Science 홈페이지와 Science 협동 웹사이트의 여러 콘텐츠(기사, 뉴스 등)를 특정 기준 별로 모아놓음
 - 주제별 섹션(생명과학, 물리학 등), Science 특별이슈 등 이용자가 관심분야별로 편리하게 브라우징 가능
 - 전문 이용은 액세스 권한이 있는 범위에서 가능

* 오디오 자료
 * 이미지 또는 슬라이드 쇼 : Science Online site 와 관련 있는 사진 또는 이미지들
 * Science 지의 special issue 에 실리거나 관련된 비디오 및 AAAS협회와 조인한 세미나 관련 자료
 * 포스터, 삽화 자료
 * 인터넷으로 전송되는 과학주제의 live 강연 또는 세미나 자료

8. Email Alerts

경로: MainPage → My Account → E-mail Alerts
(단, 개인 계정의 생성 후에 alerts 서비스 이용 가능)

A. 받고자 하는 Contents에 따라 email alert 설정

B. 맞춤형 Alerts - 관심 분야의 새로운 content 알림 서비스

* Keyword/author alerts : 원하는 Keyword 나 저자를 등록하면, 관련 아티클 발행 시 발송됨

(대상 - Science 출판물, Highwire Press 저널 또는 PubMed collection)

* Citation alerts : Science 나 Signaling에 있는 특정 아티클이 Highwire Press 저널 또는 PubMed collection에 있는 저널에 인용된 경우 발송됨

My Account

- Access Rights
- E-mail Alerts**
- Change User Info
- Change Password
- Forgot Password
- Forgot AAAS #
- Sign In

E-MAIL ALERTS

Science offers a variety of alerts to help you stay current in your field. Career and Grant Alerts. Most alerts are free for registered users with username and password. Career and Grant Alerts require a separate registration.

CONTENT AWARENESS ALERTS A

Alerts currently available:

- Science Magazine TOC**
Weekly table of contents
- This Week in Science**
Summaries of research content
- Editors' Choice**
Highlights of the recent literature
- Science News This Week**
Brief summaries of the journal's news content
- Science Express notification**
Articles Published in Advance of Print
- ScienceNOW Weekly Alert**
Weekly headline summary
- ScienceNOW Daily Alert***
Daily headline summary (*AAAS membership required)
- Science Signaling TOC**
Weekly table of contents
- Science Translational Medicine TOC**
Weekly table of contents

RESEARCH ALERTS B

- CiteTrack Personal Research Alerts
 - Manage Science Alerts
 - Manage Science Signaling Alerts
- Collection Research Alerts
 - Manage Science Alerts

CAREER AND GRANT ALERTS

E-MAIL ALERT SUMMARY

My Content Awareness Alerts
View/Add/Edit/Delete Content Awareness Alerts

My CiteTrack Alerts
You are not signed up for any CiteTrack Alerts

- Create a new Citation Alert for:
 - Science
 - Science Signaling
- Create a new Keyword/Author Alert for:
 - Science
 - Science Signaling

My Collection E-mail Alerts
You are not signed up for Collection E-mail Alerts

[Add Collection E-mail Alerts](#)

My E-mail Alert Preferences:

- New alerts will be sent to jhkim@kigam.re.kr
[How to change my e-mail address](#)
- Alerts are sent **only when new results are found**
- Alerts are sent in HTML format
- A maximum of **10** results are sent in any single alert message
- URLs are formatted for USA, Canada, and countries not specifically listed

[Modify preferences](#)

1) Content Awareness Alerts

CONTENT AWARENESS ALERTS

Alerts currently available:

Science Magazine TOC
Weekly table of contents

Science Posting Notification

ADD / EDIT / DELETE ALERTS >

Science

THE WORLD'S

Please enter your Email Address:

@daum.net

Submit

Email Address: @daum.net

First Name:

Last Name:

Country:

Are you a student, postdoc, or professional researcher?:

Choose your Primary Scientific Discipline:

Pick the Products and Technologies you use:
(Optional) Use CTRL + Click to make multiple selections.

- Atomic Force Microscopy
- Animal Models
- Antibody-Based Protein Detection
- Bioinformatics
- Biomarkers
- Books
- Cell Signaling Assays
- Cell/Tissue Culture

I want to receive occasional e-mails from AAAS/Science, including those on scientific products and services offered by outside organizations. I understand that the e-mails will be sent by AAAS/Science or its agent, and my e-mail address and information will not be exchanged or disclosed to the outside organization.

The checked boxes below show the content awareness alerts you are now subscribed to on the Science websites .

- To add alerts, fill in the appropriate checkboxes and click the "Submit" button at the bottom of the page.

- Editors' Choice
Highlights of the recent literature
- Science Express Notification
Articles Published in Advance of Print. Alert when issue is posted
- Science Magazine TOC
Weekly table of contents
- Science News This Week
Brief summaries of the journal's news content
- ScienceNOW Daily Alert
Daily science news headline summaries
- ScienceNOW Weekly Alert
Weekly headline summary
- Science Signaling TOC
Weekly table of contents
- Science Translational Medicine TOC
Science Translational Medicine Weekly Table of Contents
- This Week in Science
Summaries of research content

Reset Submit

* 이메일 입력

* 빈칸 입력 후, alerts 원하는 항목에 체크

9. Mobile Service



Because science never stands still.

Available on the App Store



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Introducing the FREE Mobile App from Science. See what it can do for you.

Now you can access *Science* from anywhere. Our new app lets you:

- Read summaries and abstracts from *Science*, *Science Translational Medicine*, and *Science Signaling*.
- E-mail yourself links to full text.
- Get the latest news at *ScienceNOW*.
- Search job openings and tap other resources at *Science Careers*.
- Access the *Science* weekly podcast and other multimedia.
- Store content for reading with you.

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Read the [Science Mobile FAQ](#) and [FAQ](#)



*** 모바일 서비스 안내 URL (<http://content.aaas.org/mobile>)**

- AAAS 발행 저널 3종의 요약문과 초록
- 저널별 모바일 사이트 제공 (<http://m.>으로 시작)
- Full text 링크를 이메일로 전송
- 과학계의 가장 최근 소식을 전하는 ScienceNOW
- Science Careers(구직정보) 사이트
- Science지의 podcast 및 멀티미디어
- 가능 기기 : iPhone, iPod Touch, Android Phone

You can download *Science mobile* for iPhone or Android devices by scanning the QR codes or clicking the

Thank you!

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