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首頁介紹

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Welcome: SC Chang

一般檢索 All F1000 進階檢索

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339 New Evaluations (98,560 total)	31 New Evaluations in Neurological Disorders (8,923 total)	5 Articles Changing Clinical Practice (1,520 total)	Total 77,270 Articles Evaluated
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各項功能介紹—EVALUATION

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Rankings

評等分為“推薦”、“必讀”、“極出色”三大類

When an article is evaluated by a Faculty Member, it is given a rating of 'Recommended', 'Must Read' or 'Exceptional', equivalent to values of 6, 8 or 10, respectively. We use these ratings to calculate the F1000 Article Factors (FFa) for each article, from which we generate article rankings. [More >](#)

ARTICLES 文章的評等說明

Articles are rated as part of each evaluation they receive from the Faculty, from which we calculate the F1000 Article Factors, which are displayed next to each article when you view an evaluation.

FFa 38

Restoring function in exhausted CD8 T cells during chronic viral infection.
Barber DL, Wherry EJ, ... Freeman GJ, Ahmed R
Nature. 2006 Feb 9; 439(7077):682-7

The higher an article's F1000 factor, the higher its consensus rating by the Faculty and therefore its ranking. All Time Top 10; Current Top 10; All Time Most Viewed and Current Most Viewed lists of articles can be viewed across all F1000, across biology or medicine, or by individual Faculty. Hidden Jewels lists include articles published in generally more specialized journals that you might have missed.

JOURNALS 期刊的評等

COMING SOON

F1000 Journal Factors represent a new and unique system for ranking journals based on the F1000 Article Factors and taking the size of the journal into account. F1000 will shortly be publishing annual ranking figures for each year from 2007 to 2009 and will list current rankings on a rolling basis, updated monthly.

FFj	38.37
	34.37
	34.29

Cell Immunology Science

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All Time Top 10 在Faculty 1000 中一直是頂尖10篇論文評論

ARTICLE RANKINGS

FFA 62 **Genome-wide non-Mendelian inheritance of extra-genomic information in Arabidopsis.**
Lohr S.J., Victor J.L., Young J.B., Frick R.E.
Nature. 2009 Mar 24; 458(7232):1056-9
Abstract | Related Articles

FFA 55 **We must face the threats.**
Kingsley CL, Daniels JD
J Neurosci. 2009 Sep 16; 29(37):11417-8
Abstract | Related Articles

FFA 45 **Control of gene expression by a natural metabolic response.**
Gustaf SS, Kahlil A., Collins JK, Singhal RR
Nature. 2004 Mar 18; 428(6980):201-4
Abstract | Related Articles

FFA 43 **Intensive versus conventional glucose control in critically ill patients.**
Finfer S, Chittock DR, Meade MO, Rand JA
N Engl J Med. 2009 Mar 26; 360(12):1230-37

FFA: 評價基準
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1人之評論
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Current Top 10 最近10篇頂尖論文評論

ARTICLE RANKINGS

FFA 27 **Stenting versus endarterectomy for treatment of carotid-artery stenosis.**
Bout TQ, Hobson RW, Meschia JF, CREST Investigators
N Engl J Med. 2010 Jul 1; 363(1):11-23
Abstract | Related Articles

FFA 24 **Neuromuscular blockers in early acute respiratory distress syndrome.**
Papazian L, Taylor AJ, Roth A, ACUTOSIS Study Investigators
N Engl J Med. 2010 Sep 16; 363(12):1107-16
Abstract | Related Articles

FFA 21 **Piezo1 and Piezo2 are essential components of distinct mechanically activated cation channels.**
Coste B, Mathur J, Dubin AE, Patapoutian A
Science. 2010 Oct 16; 330(6052):25-30
Abstract | Related Articles

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Article

FFA 62 **Genome-wide non-Mendelian inheritance of extra-genomic information in Arabidopsis.**
Lohr S.J., Victor J.L., Young J.B., Frick R.E.
Nature. 2009 Mar 24; 458(7232):1056-9
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2人之評論

Evaluations 評論此篇文章共有20個人

Evaluated by Elizabeth Hood | Elizabeth Karijga | Elena Alvarez-Daglia | Heema Dohra | Magnus Nordberg | Stephan Bach | Philip Bentley | Venkatesan Sundaresan | Karen Chang | Martin Parniske | James Hu | John Bowman | Christian Hardke | Jose Luis Ruedenars | James Collinson | Marion Nicolson | Judy Wall | Kay Schwab | Shigenori Ito | Frank Lutz

Disseminated by Alejandro Sanchez-Alvado **1人之評論**

Rating 10 Exceptional
等級: 滿分出色

2人之評論

Comments: No users with full subscription access can leave comments.

1

2

Article

FFA 27 **Stenting versus endarterectomy for treatment of carotid-artery stenosis.**
Bout TQ, Hobson RW, Meschia JF, CREST Investigators
N Engl J Med. 2010 Jul 1; 363(1):11-23
Abstract | Full Text | Related Articles | Citations on Scopus | Citations on PubMed

9人之評論

Evaluations 評論此篇文章共有9個人

Evaluated by Gale Tang and Jon Matsumura | Mark Abbott | Masao Hoshikawa and Thomas Mithard | Paul Papal | Philippe Havelot | Bo Homing | Sunil Kumar and Sopal Bangalore | Zina Alwan and Eric Heier | Herman Heber

Rating 9 Excellent
等級: 必讀

9人之評論

Comments: No users with full subscription access can leave comments. No comments yet.

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ARTICLE RANKINGS

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FFa 12 Why most published research findings are false. Schwab MA, *J Cell Sci* 2009 Aug; 220(16):124. Abstract | Related Articles | 21 evaluations | 1 comment | 2 comments

FFa 62 Genome-wide non-Mendelian inheritance of extra-genomic information in Arabidopsis. Liu B, Weber J, Young JM, Prasad R, Nakano M. *PLoS Biol* 2005 Mar 24; 3(3):E125. Abstract | Related Articles | 20 evaluations | 1 comment | 2 comments

FFa 18 Error bars in experimental biology. Cumming G, Fidler F. *View On J Cell Sci* 2007 Apr 8; 120(7):7-11. Abstract | Related Articles | 6 evaluations

FFa 13 TGF-beta activates Akt kinase through a microRNA-dependent amplifying circuit targeting PTEN. *This thorough article elucidates a molecular mechanism responsible for transforming growth factor-beta1 (TGF-beta1) induced...*

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FFa 11 The importance of stupidity in scientific research. Schwab MA. *J Cell Sci* 2008 Jun 1; 121(Pt 11):1771. Abstract | Related Articles | 8 evaluations | 3 comments | 2 comments

FFa 21 Paco1 and Paco2 are essential components of distinct mechanically activated cation channels. Covic B, Watanabe A, Cohen RD, Pridemore AN, Science 2010 Oct 1; 330(6050):55-60. Abstract | Related Articles | 8 evaluations

FFa 17 A simple method for gene expression and chromatin profiling of individual cell types within a tissue. Choi HK, Hanford S, Day CE. *PLoS One* 2010 Jun 15; 5(6):e11303-43. Abstract | Related Articles | 8 evaluations

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Article Why most published research findings are false. Schwab MA. *J Cell Sci* 2009 Aug; 220(16):124. Abstract | Full Text | Related Articles | Citations on Google Scholar | Order Article | OSF Preprints | 高被引論文/相關論文/Google Scholar之引文/可引用之文章

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Evaluated by Andrew Hector | Charles Hulley | Anders Wagner | Major Mazze

Disseminated by David Basson 1人之異議

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FFa 12 Why most published research findings are false. Schwab MA. *J Cell Sci* 2009 Aug; 220(16):124. Abstract | Full Text | Related Articles | Citations on Google Scholar | Order Article | OSF Preprints | 高被引論文/相關論文/Google Scholar之引文/可引用之文章

Comments: 1人之評述

John Ioannidis, University of Ioannina, Greece and Yale University, United States of America. Author | 30 Sep 2009, 12:30 AM

The paper does not claim that "90% of published findings in the biomedical field are in error". The credibility range for findings based on statistical testing is very wide. I offer examples ranging in credibility from 5% to 95%. For many fields, findings with low credibility are the norm. There is nothing shameful about this, provided this is understood and acknowledged. Indeed, then it is most important to repeat the original observations to take the work further. I kindly disagree with the argument about funding. Academic research is incentivized and funded compromised when exaggerated promises of discovery fail to deliver.

Competing interests: None declared

Cite this evaluation: 此評論之引文

Article The importance of stupidity in scientific research. Schwab MA. *J Cell Sci* 2008 Jun 1; 121(Pt 11):1771. Abstract | Full Text | Related Articles | Citations on Google Scholar | Order Article | OSF Preprints | 高被引論文/相關論文/Google Scholar之引文/可引用之文章

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Evaluated by Fernando Boero | Orion Weiner | Beverly Hindland

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Comments: 0 comments yet

This article attracted my attention because there is the word 'stupidity' in the title. The main statement is that productive stupidity is conducive to scientific progress - a very stimulating and provocative statement. I share its spirit completely and I think that this article deserves a very wide readership because it highlights the need for a candid attitude towards how to 'make' science.

I refrained from giving the top score because my definition of stupidity did not match the meaning given in this article. I checked the Oxford Dictionary and found these definitions: 'lack of intelligence or common sense' or 'stupid and unable to think clearly'. In the paper, the author uses another word: 'ignorance'. Now I agree with him completely. Reducing ignorance is what science is all about. If you do not feel ignorant, then you cannot be a good scientist. Ignorance means 'lack of knowledge or information'. The greatest satisfaction I gain from my students is when they ask questions. It is much more difficult to ask questions than to provide answers. I always tell them that they do not have to fear to play the 'stupid'. Usually if they pose a question, they have thought about the issue and realize that they have ignored the answer to it. Of course, there are stupid questions, such as, why do fish not drown? But such a question stems from ignorance about breathing patterns. So I would not label it as stupid, even if it seems stupid. 'Stupid' do not ask questions. 'Stupid' have confidence! Whoops... I am expressing a certainty! So, I like this paper a lot, but I would like it even more if the word 'stupidity' was replaced by the word 'ignorance'.

I have my own opinion about stupidity in science (1). The 'stupidity' I refer to is not productive at all and it is greatly damaging science, perpetuating our ignorance and confounding information with knowledge - a rather unwise practice in science. 'Stupid' often pretend to have acquired knowledge, but they just produce information and there is a big difference between the two. Finally, I cannot resist quoting my favorite philosopher Frank Zappa: "Some scientists claim that hydrogen, because it is so plentiful, is the basic building block of the universe. I dispute that. I say that there is more stupidity than hydrogen, and that is the basic building block of the universe." Evidently, Frank Zappa thought the same meaning I have given it. Science is very good at reducing ignorance, but we need more than science to reduce stupidity! And Zappa briefly described stupidity in science: "Nuclear explosions under the Nevada desert? What the f... are we testing for? We already know the s... blows up." So, I would have rated this article with the top score. Zappa's comments could have been used instead of...

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Hidden Jewels

Hidden Jewels Top 10 ratings are generated every day and only include articles published in specialist journals, evaluated in F1000 during the preceding month. The list of journals is the same for all Faculties and whilst some may be considered high profile journals in their particular field, they are included because they may not be so obvious to readers outside that area of Faculty. Articles are ranked according to their F1000 Index Factor (FFA), which is calculated from all the ratings given to that article by the Faculty. If any articles have the same FFA, then the one with the most average is listed first.

Hidden Jewels 遺珠之憾：不被瀏覽但又是值得被評論的論文

FFA: 評論基準
點選

Highly efficient reprogramming to pluripotency and directed differentiation of human cells with synthetic modified mRNA.
Warren L. Manes PD... Schlegel TM, Rossi DJ
Cell Stem Cell. 2010 Nov 5; 10(5):518-30
Abstract | Related Articles | 4 evaluations | 4人評論
點選

A simple method for gene expression and chromatin profiling of individual cell types within a tissue.
David RB, Hankoff D
Dev Cell. 2010 Jun 15; 18(6):1030-40
Abstract | Related Articles | 6 evaluations
點選

A conserved behavioral state barrier impedes transitions between anesthetic-induced unconsciousness and wakefulness.
Sokoloff DB, Saper CB, et al.
Proc Natl Acad Sci U S A. 2010 Jun 22; 107(25):11401-6
Abstract | Related Articles | 11 evaluations
點選

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Article

FFA: 19

Highly efficient reprogramming to pluripotency and directed differentiation of human cells with synthetic modified mRNA.

Warren L. Manes PD... Schlegel TM, Rossi DJ
Cell Stem Cell. 2010 Nov 5; 10(5):518-30
Abstract | Full Text | Related Articles | Citations on Google Scholar | Order Article | DOI:10.1016/j.stem.2010.10.011
點選

Evaluations 評論此篇文章共有4個人

Evaluated by Rudy Juliano | Beatriz Aranda-Orgilés and Iñaki Azpilicueta | Karen Maass and Glenn Fishman | Anirudh Kripplinger

This article conveys a potential major advance in stem cell-based therapeutics and also has broad ramifications for the use of nucleic acids in therapy.

The authors used mRNAs for the Yamanaka factors to convert somatic cells to induced pluripotent stem cells (iPSCs). By delivering in vitro transcribed, chemically modified mRNAs, they avoided activation of the innate immune response and consequent RNA-induced cytotoxicity. This represents an elegant new method for generating iPSCs without changing the genome of the recipient cell.

Although this report focuses on the generation of stem cells, it is clear that chemically modified mRNA transposons could be used in many other contexts where transient alteration of cellular protein expression is desired. When combined with increasingly efficient nanotechnology-based delivery systems, it may be possible to utilize chemically modified mRNAs as in vivo therapeutic agents.

Competing interests: None declared.

Cite this evaluation 此評論之引文

Evaluated by Rudy Juliano
University of North Carolina at Chapel Hill, USA
Cell Biology
17 Nov 2010
Rating 10
Exceptional
點選

點選

This study represents a revolutionary advance in the generation of induced pluripotent stem cells (iPSCs) for future clinical applications.

Arguably one of the biggest caveats of cellular reprogramming in the potential tumor-forming abilities of iPSCs due to the use of stable integrated retroviruses. In a successful attempt to overcome this burden, Derrick Rossi and colleagues have elegantly shown that it is possible to obtain iPSCs from adult human fibroblasts by transfecting them with synthetic RNA molecules, which are unable to elicit cellular responses. Significant advantages make these newly called iPSCs (RNA-induced pluripotent stem cells) very promising: they are generated at higher efficiency than with previous methodologies, they do not contain exogenous molecules, since the transfected RNA is subsequently degraded, they closely recapitulate the functional and molecular characteristics of human embryonic stem cells (ESCs) and thus are able to efficiently differentiate in

Evaluated by Beatriz Aranda-Orgilés and Iñaki Azpilicueta
Harvard Medical School, USA
Developmental Biology
29 Oct 2010
Rating 10
Exceptional
點選

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Reports

The F1000-Reports journals add an extra dimension to F1000 by publishing peer-reviewed commentaries on emerging themes, providing a unique expert overview of the most important recent research in biology and medicine. Leading researchers from the Faculty ensure coverage of the latest advances by selecting topics, nominating expert authors, and writing the Reports.

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Creating transplant tolerance by limiting adverse allograft innate immunity
Dusan Hamzic, Maria Koumroukian, Lynn D Shum
F1000 Biology Reports 2010 2 (83) (1 Nov 2010)
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Developmental Biology, Cell Biology
How can a single cell undergo the same evolutionary

LATEST ARTICLES 最新文章

Dermatology, Nephrology
Nephrogenic systemic fibrosis: fibrosis
Ibrahim M Brauman, Shann C Chen
F1000 Medicine Reports 2010 2 (84) (24 Nov 2010)
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Dubious & Endocrinology, Infectious Diseases
Genetic screening for metabolic and age-related
Polymorphisms in the mitochondrial genome

F1000 生物學報告書期刊, 發表世界頂尖生物學家的簡短評論, 及最近在生物學界的發展。

F1000 醫學報告書期刊, 發表世界頂尖臨床醫學家的簡短評論。

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F1000 BIOLOGY REPORTS F1000生物學報告書期刊

Articles
 → Returns to Biology Settings

Creating transplant tolerance by taming adverse intra-graft innate immunity

Dusan Hamidzic, Maria Koulamada and Terry B. Strom
 Department of Medicine and Surgery, Transplant Institute, Beth Israel Deaconess Medical Center, Harvard Medical School, 320 Brookline Avenue, ECC:3-600, Boston, MA 02215, USA

Corresponding author
 F1000 Biol Reports 2010, 2:81 (doi: 10.34102/81)
 Published: 24 Nov 2010 © 2010 Faculty of 1000 Ltd

The electronic version of this article is the complete one and can be found at: <http://f1000.com/reports/81>

ABSTRACT
 Certain forms of inflammation of an allograft are highly detrimental to the induction and maintenance of a transplant tolerance as the foster stable commitment to graft-destructive, not graft-protective, forms of T cell immunity. Hence, a reduction in adverse tissue inflammation may prove crucial in facilitating the induction and maintenance of a long-lasting state of transplant tolerance.

INTRODUCTION AND CONTEXT
 Upon activation by donor antigens, recipient naive T cells can differentiate into a variety of graft-destructive, effector T cell or graft-protective, regulatory T cell (Treg) phenotypes. These T-cell commitments are determined largely by the nature of the innate immune milieu in which T-cell activation occurs. Both cytotoxic and Treg-like receptor agonists are of great importance, a milieu in which transforming growth factor-β (TGF-β) is expressed in the absence of

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F1000 MEDICINE REPORTS F1000醫學報告書期刊

Articles
 → Returns to Medicine Settings

Nephrogenic systemic fibrosis

Irwin M Braverman and Shawn Cowper
 Department of Dermatology, Yale Medical School, New Haven, CT 06520, USA

Corresponding author
 F1000 Med Reports 2010, 2:84 (doi: 10.34102/84)
 Published: 24 Nov 2010 © 2010 Faculty of 1000 Ltd

The electronic version of this article is the complete one and can be found at: <http://f1000.com/reports/84>

ABSTRACT
 Nephrogenic systemic fibrosis, initially called nephrogenic fibrosing dermopathy, has been strongly linked to exposure to gadolinium-based contrast media used in magnetic resonance imaging in patients with renal insufficiency. This review discusses recent advances in our understanding of the pathobiology and clinical approach to patients with chronic kidney disease who require diagnostic imaging with gadolinium-based contrast media.

INTRODUCTION AND CONTEXT
 Nephrogenic systemic fibrosis (NSF), widely named nephrogenic fibrosing dermopathy, was first reported in 2001 by Cowper et al [1]. The earliest known case of NSF developed in January 1987. Since then, more than 360 cases have been tracked by the Yale International NSF Registry [2] and over 500 cases have been reported to the US Food and Drug Administration MedWatch database. NSF occurs most often in middle-aged adults (mean age of 52 years) with

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1 依學科類別瀏覽

All Posters

Note: 大部分在這個網站上的海報論文是初步性的，尚未經過同儕評論。

2 依各研討會瀏覽

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Invited Conferences	Additional Submissions
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2010 International Symposium on Neuroprotection and Neuroregeneration 2010 14 Oct 2010, Potsdam, Germany Human Proteome Organization Annual World Congress 2010 19-23 Sep 2010, Sydney, Australia European Rheumatology Society Annual Congress 2010 19-22 Sep 2010, Barcelona, Spain British Rheumatism Society Meeting 2010	2010 Neuroscience 2010 meeting 13-17 Nov 2010, San Diego, CA World Congress on Cells over 100 in Neurology 2010 28-31 Oct 2010, Barcelona, Spain 3rd Congress of the European Academy of Pediatric Societies 23-26 Oct 2010, Copenhagen, Denmark World Association for Social Psychiatry Congress 2010

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Posters: 1 to 10 of 29

Cell Growth & Division

Biocatalysis | Cell Growth & Division | Cell Signaling | Genomics | Medical Genetics | Protein Chemistry & Proteomics

Cancer degeneration: ADAM7 regulates TGF-beta signaling through the cleavage of vimentin
J. Malpica, C. Escobedo, J. Berch-Serra, N. Colomé, J. Ambrós, F. Canals
F1000 Posters Based on Human Proteome Organisation Annual/World Congress 2010, Monday, 10/21/2010
Summary Poster

Cell Adhesion | Cell Growth & Division | Morphogenesis & Cell Differentiation

A quantitative proteomic cell interaction model
George S. Kraganakis, Ch...
F1000 Posters Based on Wednesday, 10/14/2010
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Human Proteome Organisation Annual World Congress 2010

Cell Signaling | Cell Growth & Division | Biocatalysis | Protein Chemistry & Proteomics | Genomics | Medical Genetics

Cancer degeneration: ADAM7 regulates TGF-beta signaling through the cleavage of vimentin
J. Malpica, C. Escobedo, J. Berch-Serra, N. Colomé, J. Ambrós, F. Canals
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McAdams
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Bioinorganic Chemistry | Morphogenesis & Cell Differentiation

Controlled protein delivery: Our contribution to defining proteomic approaches on the substrate aspect of viral membranes involved in control...
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We are currently building a list of upcoming conferences, including the initial ones listed below. If you would like your conference to be included in this list then please contact: news@f1000.com.

If you are about to present or have recently presented at a national or international life science or medical conference that is not currently on this list and would like to deposit your poster with us then please follow the simple instructions for deposition.

4-7 December 2010
52nd American Society of Hematology (ASH) Annual Meeting and Exposition
Orlando, FL, USA

3-7 January 2011
Pacific Symposium on Biocatalysis
Conference paper submission - deadline passed
Conference abstract submission - deadline 29 November 2010
Big Island of Hawaii, HI, USA

23-28 February 2011
Conference on Semantics in Healthcare and Life Sciences (CSHMLS)
Conference abstract submission - deadline 7 January 2011
Cambridge/Boston, MA, USA

28-30 March 2011
UK Neurovascular Translational Research Conference 2011
Conference abstract submission - deadline 14 January 2011
London, UK

2-5 April 2011
American Society of Andrology (ASA) 30th Annual Meeting
Conference abstract submission - deadline passed

BROWSE BY CONFERENCE 研討會方式瀏覽

Invited Conferences 1 to 10 of 15

2010

International Symposium on Neuroprotection and Neurorepair 2010
1-4 Oct 2010, Rostock, Germany

Human Proteome Organisation Annual World Congress 2010
18-23 Sep 2010, Sydney, Australia

European Respiratory Society Annual Congress 2010
18-22 Sep 2010, Barcelona, Spain

British Hypertension Society Meeting 2010
13-15 Sep 2010, Cambridge, UK

World Congress on Pain 2010
29 Aug - 2 Sep 2010, Montreal, Canada

International Conference on Cognitive Science 2010
17-20 Aug 2010, Beijing, China

Intelligent Systems for Molecular Biology 2010 meeting
11-13 Jul 2010, Boston, MA

ISCB Student Council Symposium 2010 meeting
9 Jul 2010, Boston, MA

Society for Molecular Biology and Evolution 2010 meeting
4-8 Jul 2010, Lyon, France

24th International Congress for Conservation Biology 2010 meeting
3-7 Jul 2010, Edmonton, Canada

Additional Submissions 1 to 10 of 86

2010

Neuroscience 2010 meeting
13-17 Nov 2010, San Diego, CA

World Congress on Controversies in Neurology 2010
28-31 Oct 2010, Barcelona, Spain

3rd Congress of the European Academy of Pediatric Societies

Dividing & Coagulative Disorders | Cardiovascular Physiology/Circulation | Heart of Homeostasis | Social & Behavioral Determinants of Health

Relationships between sleep duration and iron-related factors, ferritin and factor VII
Wahneema Lubiano
M. Miller, N. B. Kandala, M. Humar, M. Mammi, F. Cappuccio
F1000 Posters Based on British Hypertension Society Meeting 2010, PC 02
Summary Poster. Related article

Hypertension

Intensive blood pressure lowering in older people: Feasibility, tolerability and effects on quality of life
G.A. Ford, O. Thompson, J. Owen, S. Pains, J.T. O'Brien, S.H. Thomas
F1000 Posters Based on British Hypertension Society Meeting 2010, PA 06
Summary Poster

8-12 Oct 2010, Milan, Italy

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News: New story of animals' spots, spots A mathematical model of cat signaling helps explain

News: Why brain tumors are hard to Some brain tumor cells develop into CD133 vesicles support the tumor growth and colonization cycle

3 comments 3個人評論 自己撰寫評論 分享評論

Comments on "Atlas of the atmosphere" by Vanessa Schepani

The air is teeming with microbes, and scientists are finally starting to understand how they influence everything from meteorology to epidemiology

(Published 14 December 2010 02:21 PM GMT)

Every cubic meter of air holds up to 100 million microorganisms, but the identity and behavior of these microbes remains masked to microbiologists—until recently, that is.

Thanks to next-generation sequencing techniques, scientists are finally uncovering the details of the biodiversity and biogeography of this largely unexplored microbe world. They are discovering airborne microbes that reach more than just the wind-blown drifting clouds—microbes that help create the amazingly beautiful designs in snowflakes, and facilitate the formation of...

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News & Features The latest in biology and medicine

News: Arsenic supports life? The toxic element might be able to replace phosphorus to support microbial growth, raising doubt on the belief phosphorus is essential to life By Jet Aasi

News: The allergy gene How a mutation in a skin protein revealed a link between eczema and asthma By W. H. SWAN MCLEAN

News: Top 7 in dermatology In light of this month's cover story on a protein that links eczema to asthma, we present the most highly ranked articles in dermatology research, from F1000 By Jet Aasi

Naturally Selected » The F1000 blog

News: Winner takes it all Faculty Member Elaine Joly has been busy lately, evaluating everything from a classic link on evolution to the advent effect of laser light. I send him a Naturally Selected swatch for other.

News: Going fast and getting nowhere in your career 30 Nov 2010 Yesterday I was to meet a friend at the coffee shop. She showed up almost an hour late and in tears. I had received an email from her saying she would be 15 minutes late. It turns out that because...

News: Atlas of the atmosphere The air is teeming with microbes, and scientists are finally starting to understand how they influence everything from meteorology to epidemiology By Vanessa Schepani

News: Top ten innovations 2010 Innovative products that have the life science

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Equations that Spell Disaster Researchers are pinpointing the factors that combine to produce complex diseases. BY CRISTINA LUGGI

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The Scientist 每年調查及評估世界各地之科學家工作場所，及其結果發表在 The Scientist's Best Places to Work。其調查對象分別為：Postdocs、Industry Scientists、Academics。

Best Places TO WORK ACADEMIA

2010年，學術界認為最好的工作場所(機構) Best Places to Work in Academia, 2010

From the farmlands of France to the rust-colored post-industrial sites of Michigan, this year's top institutions are finding good science in some rather unusual places.
Louise Urban

調查結果

See all the ranking results from this year's survey.

調查結果-美國學術界40家最好的機構

Rank	Institution	Score
1	Harvard University	95.5
2	MIT	94.5
3	Stanford University	93.5
4	UC Berkeley	92.5
5	Yale University	91.5
6	Johns Hopkins University	90.5
7	Princeton University	89.5
8	Northwestern University	88.5
9	Georgetown University	87.5
10	University of Michigan	86.5
11	University of Wisconsin-Madison	85.5
12	University of California, Berkeley	84.5
13	University of Texas at Austin	83.5
14	University of Washington	82.5
15	University of Illinois Urbana-Champaign	81.5
16	University of Pennsylvania	80.5
17	University of Michigan-Ann Arbor	79.5
18	University of Wisconsin-Madison	78.5
19	University of California, San Diego	77.5
20	University of Texas at Dallas	76.5
21	University of Michigan-Ann Arbor	75.5
22	University of Wisconsin-Madison	74.5
23	University of California, San Diego	73.5
24	University of Texas at Dallas	72.5
25	University of Michigan-Ann Arbor	71.5
26	University of Wisconsin-Madison	70.5
27	University of California, San Diego	69.5
28	University of Texas at Dallas	68.5
29	University of Michigan-Ann Arbor	67.5
30	University of Wisconsin-Madison	66.5
31	University of California, San Diego	65.5
32	University of Texas at Dallas	64.5
33	University of Michigan-Ann Arbor	63.5
34	University of Wisconsin-Madison	62.5
35	University of California, San Diego	61.5
36	University of Texas at Dallas	60.5
37	University of Michigan-Ann Arbor	59.5
38	University of Wisconsin-Madison	58.5
39	University of California, San Diego	57.5
40	University of Texas at Dallas	56.5

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TheScientist 2010

2010年，生命科學薪資調查 Life Sciences Salary Survey, 2010

Creative and resourceful folk, scientists are making the most of their careers despite dropping salaries and rising lab costs.
Morgan Scuderi

調查結果

See all the ranking results from this year's survey.

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