

Divulgado ciência em novas mídias



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Resumo

1 Por quê?

2 Como?

3 Onde?



1 O porquê pessoal

- Demanda e alcance



“I swear it wasn’t me.”

Mr. Little Pig



categorias

- ▶ Ciência Geral e Ceticismo
- ▶ Ciências da Vida
- ▶ Ciências Exatas
- ▶ Educação
- ▶ Humanidades
- ▶ Matemática e Computação
- ▶ Mente e Cérebro
- ▶ Planeta Terra e Ambiente
- ▶ Saúde e Medicina
- ▶ Tecnologia



lablogosfera nossos blogs

- ▶ 100nexus
- ▶ 42
- ▶ Big Bang Blog **NOVO!**
- ▶ Brontossauros em meu Jardim
- ▶ Caapora
- ▶ Ciência à Bessa
- ▶ Chi vó non pó
- ▶ Ciência e Psicologia



quem somos

Lablogatórios é mais do que um condomínio de blogs de Ciências. É o fruto dos sonhos e aspirações de dois cientistas aprendizes.

Acreditamos que os blogs são a ferramenta ideal para se divulgar Ciências tanto para iniciados quanto para não iniciados. Que são capazes de transpor a barreira que separa grande parte da sociedade do conhecimento científico.

Desejamos que a Ciência se espalhe fácil e distante, assim como os frutos de um dente-de-leão, nosso símbolo, que se dispersam com o vento. Ciência boa se dispersa assim: de modo divertido e eficiente.

Buscamos espalhar Ciências pelos múltiplos cantos da Internet, mesmo que tenhamos que concentrar a maioria dos blogs de Ciências brasileiros em um só local. Quem sabe um dia teremos a honra de incluir blogs de Ciências de outros países que falam a língua portuguesa.

Sonhamos em criar o ambiente que vai propiciar a troca de idéias e favorecer a geração de conteúdo relevante e de qualidade, demonstrando assim a capacidade dos blogs como mídia no Brasil.

O Lablogatórios é um local de adoração da Ciência. Bem-vindos ao nosso sonho. Que a nossa paixão te contagie e que a Ciência se disperse tão levemente quanto um fruto de dente-de-leão.

Conheça os administradores do site:

Carlos Hotta é biólogo formado pela Universidade de São Paulo. Fez mestrado em Fisiologia na Universidade de São Paulo e tem doutorado em Ciências das Plantas pela Universidade de Cambridge. A sua produção científica inclui artigos nas revistas internacionais Nature Cell Biology, Plant Cell e Science. Publicou diversos trabalhos de divulgação científica em revistas como Ciência Hoje e Ciência Hoje das Crianças. Edita o blog *Brontossauros em meu Jardim*. *Cute e Dodó e Leguinhas Viciadas* de



Assine! feed RSS

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assinar



lablogoscópio
além do Lablogs

• 07/08



junho 6, 2011

CIÊNCIA À BESSA

[Arquivos](#) • [Sobre](#)

Pensamento de Segunda Porque há grandes chances de que em breve o senhor poderá cobrar impostos sobre ela. Resposta quase profética de Michael Faraday quando o Primeiro Ministro britânico lhe perguntou por que ele fazia pesquisa básica em eletricidade....

junho 5, 2011

RAINHA VERMELHA

[Arquivos](#) • [Sobre](#)

Do pepino espanhóis ao genoma nos blogs: E. coli patogênica na Alemanha Como bactérias saltando entre intestinos e genes saltando entre bactérias vão para sua salada. Escherichia coli Fonte: Wiki Desde a segunda metade de maio, a Alemanha vem sofrendo de casos de síndrome hemolítico-urêmica (HUS) infecciosa. Os sintomas são...

VOCÊ QUE É BIÓLOGO...

[Arquivos](#) • [Sobre](#)

Os titulares e os reservas "Por que você quer ser um titular?" Foi a única pergunta que a banca repetiu a todos os candidatos do concurso para professor titular onde foi selecionado Stevens Rehen. Nenhum deles estava realmente preparado para essa pergunta e as...

junho 4, 2011

EFEITO ADVERSO

[Arquivos](#) • [Sobre](#)

Mão Que privilégio é o seu? Por que o órgão mudo e cego nos fala com tanta força persuasiva? Porque é um dos mais originais, um dos mais diferenciados, à maneira das formas superiores de vida. Articulado por meio de...

junho 3, 2011



Announcing an exciting new partnership. [More »](#)

Frase do dia

Eu sempre prefiro o deslumbre do entendimento ao deslumbre da ignorância.

Douglas Adams

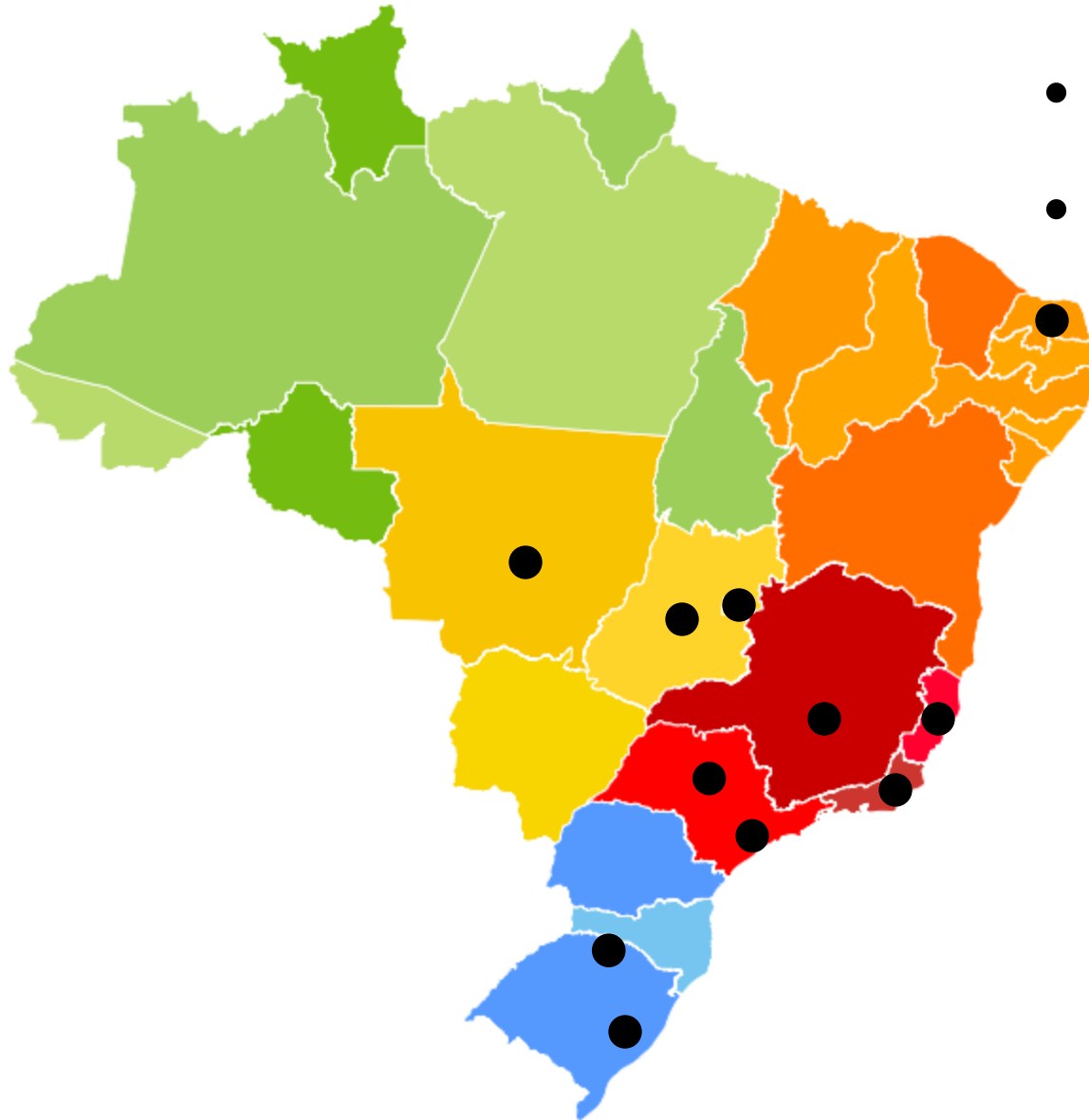
The New York Times

Latest science stories | [More at nytimes.com](#) →

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- 2 [Brain Calisthenics for Abstract Ideas](#)
- 3 [Findings: Could Liquid Nitrogen Help Build Tasty Burgers?](#)
- 4 [After 90 Years, a Dictionary of an Ancient World](#)

• 03/08

ScienceBlogs Brasil



- 40 blogs
- +50 blogueiros (40homens)

1 O porquê pessoal

- Demanda e alcance

- 26/04/2009



“I swear it wasn’t me.”

Mr. Little Pig

Comments (169)

- 1 Atila muito bom post, muito esclarecedor.
Obrigado!
Posted by: Max | [abril 26, 2009 12:13 PM](#)
- 2 Atila, suas informações foram muito úteis. Parabéns pelo conteúdo e embasamento. Sou jornalista. Vou repassar para o maior número de pessoas que conheço. É só assim, disseminando conhecimento que teremos um mundo melhor. Estou te adicionando no twitter. Grande Abraço.
Posted by: Jota | [abril 26, 2009 1:20 PM](#)
- 3 Excelente texto! Parabéns pelo trabalho.
Posted by: Ricardo Lage | [abril 26, 2009 1:59 PM](#)
- 4 vírus da gripe suína
Posted by: alessandra | [abril 26, 2009 3:24 PM](#)
- 5 Átila, conforme comentei no post do Carlos, adorei o seu post. É bom ler a análise de um biólogo sobre esse assunto, foi bastante esclarecedor. E o que mais gostei, foi sobre as atitudes individuais que podem ser tomadas.
Posted by: Liliane Catone | [abril 26, 2009 3:40 PM](#)
- 6 Parabéns pelas explicações.
Vou começar o estoque de mantimentos! :-)
Posted by: Luís Brudna | [abril 26, 2009 3:56 PM](#)
- 7 Completíssimo. Um post como esse com todas as referências é algo que realmente dá prazer de ler. Precisamos fazer mais isso e destronar a tristeza que é o jornalismo científico no país.
Posted by: Luiz Bento | [abril 26, 2009 4:44 PM](#)
- 8 As melhores e mais bem reunidas informações sobre a gripe suína que eu li até agora... muito bom mesmo!!!
Vou tuitar pra espalhar a notícia (por enquanto, tá correndo mais que o vírus... hehehe) e ver se o povo fica mais esperto...
E não esqueçam: DON'T PANIC!!!
(E lave as mãos...)

Vc achou este texto mais informativo do que similares em jornais?

- Sim
- Nao
- Achei iguais

Vote!

resultados

powered by blogpoll

Vc achou este texto mais informativo do que similares em jornais?

Sim	67%	2418	<div style="width: 67%;"></div>
Nao	23.2%	838	<div style="width: 23.2%;"></div>
Achei iguais	9.8%	353	<div style="width: 9.8%;"></div>

total votes: 3609

powered by blogpoll

Pageviews



Show: All | Starred

1 O porquê acadêmico

- Currículo
- Acesso ao público

Batts, S. A., Anthis, N. J., & Smith, T. C. (2008). Advancing science through conversations: bridging the gap between blogs and the academy. *PLoS biology*, 6(9), e240. doi:10.1371/journal.pbio.0060240

Evans, P., & Krauthammer, M. (2011). Exploring the use of social media to measure journal article impact. *AMIA ... Annual Symposium proceedings / AMIA Symposium*. AMIA Symposium, 2011(January), 374-81.

Editorial. (2009). It's good to blog. *Nature*, 457(7233), 1058. Nature Publishing Group. doi:10.1038/4571058a

1 O porquê acadêmico: Currículo



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- ▶ Women's Studies

[Journal Author Gateway](#) > [Maximizing Readership](#) > 10 Ways to Increase Usage and Citation

10 Ways to Increase Usage and Citation of your Published Article Using Social Media

As readers' expectations change, it is important that your article is visible where the user starts their search. Below are some of the social media sites that SAGE recommends for promoting your article and other channels that will offer a direct way to reach your readership.

1. Contribute to Wikipedia

We recognize that many students are increasingly using Wikipedia as the starting point for their research. If there are pages that relate to themes, subjects or research that your article covers, add your article as a reference, with a link to it on *SAGE Journals Online*. If there isn't a page in existence, why not create one. You can find out how here:

http://en.wikipedia.org/wiki/Wikipedia:Your_first_article



WIKIPEDIA
The Free Encyclopedia

2. Join Twitter

Twitter is a micro-blogging service that enables its users to send and read messages known as tweets. Authors are increasingly promoting their content via twitter which is then picked up by other researchers and practitioners depending on their search parameters. Look at the example [here](#). Senders can restrict delivery to those in their circle of friends or, by default, allow open access. Twitter allows you to set up search terms to enable you to monitor what is being talked about in your areas of interest: You can then comment on the relevant conversations. The more you engage, the more people will follow you to listen to your comments and recommendations. As followers come to you, rather than you approaching them, Twitter is an ideal way to reach new audiences.



SAGE's guidelines for how to use Twitter are available [here](#).

3. Add content to YouTube

Content is, of course, no longer as narrow as text and figures. It also includes



1 O porquê acadêmico: Alcance

Para o HIV, o meio também é a mensagem

Category: vírus

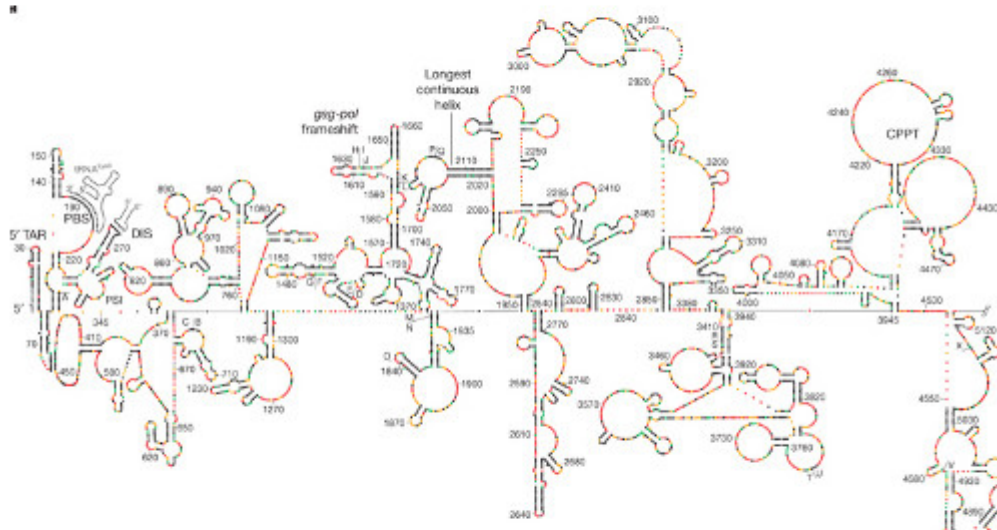
Posted on: Novembro 15, 2010 12:39 AM, by Atila

8

tweets

retweet

Imagine que você tem um recado que precisa ser lido de qualquer forma pelo seu alvo, e levado ao pé da letra. E para piorar, o número de letras que pode usar é super restrito. Como transmitir mais informação do que o recado em si?



Estrutura do genoma do HIV ©Nature 2009, referência ao final



Research
Blogging

Este é o desafio que o HIV encontra. Para dominar o metabolismo da célula e comandar a produção de mais vírus, ele precisa produzir uma grande molécula de RNA que será lida pelo ribossomo e dará origem às proteínas virais. Mas sua taxa de mutação limita muito o tamanho de seu genoma.

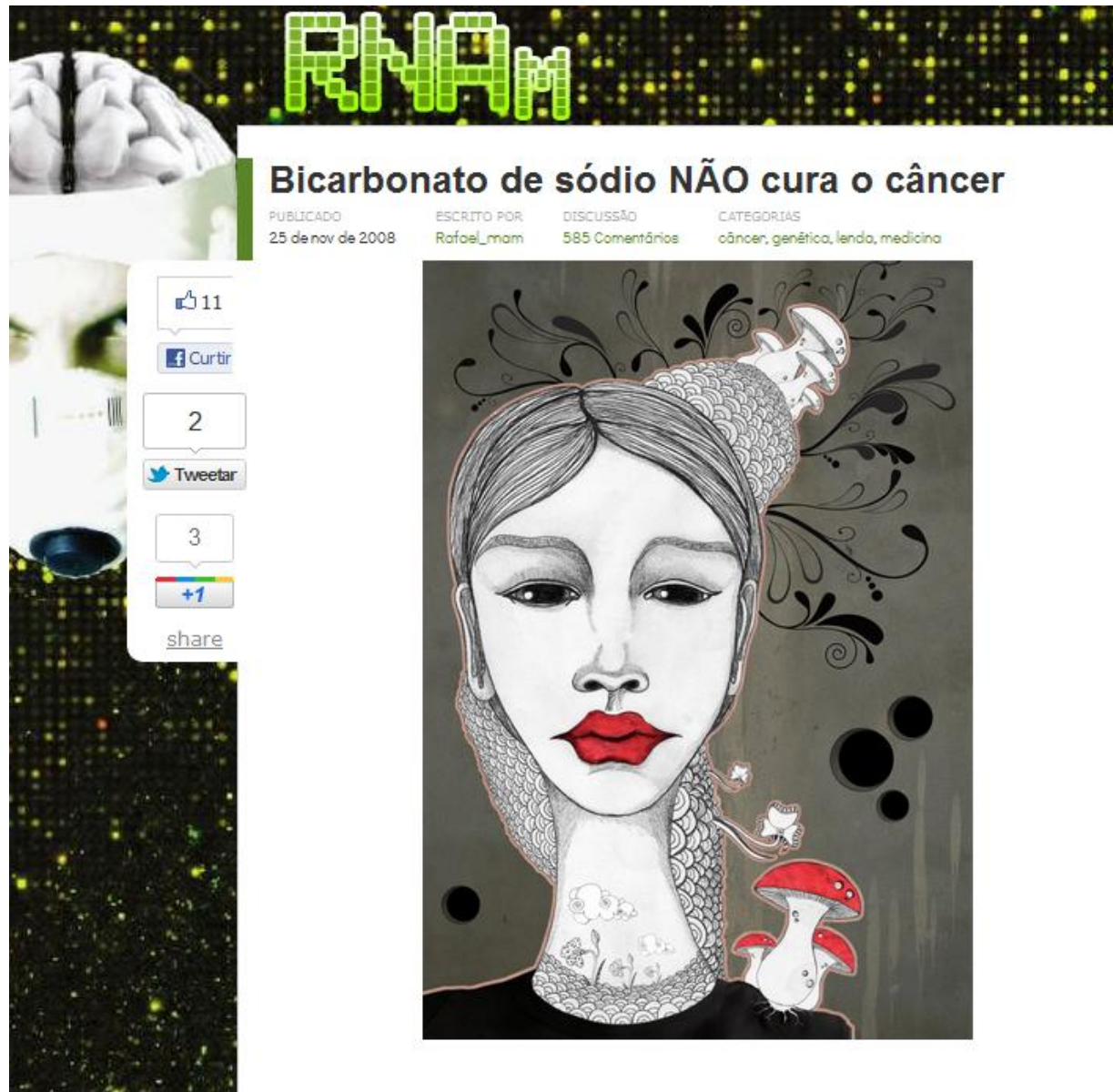
Por depender da transcriptase reversa para transformar seu genoma de RNA no DNA que será incorporado no núcleo da célula

2

Caramba! Eu nunca entenderia essa informação se você não tivesse explicado desse jeito.

Posted by: Maximus Gambiarra | novembro 19, 2010 2:27 PM

1 O porquê acadêmico: Alcance



RNAM

Bicarbonato de sódio NÃO cura o câncer


PUBLICADO 25 de nov de 2008

ESCRITO POR Rafoel_mam

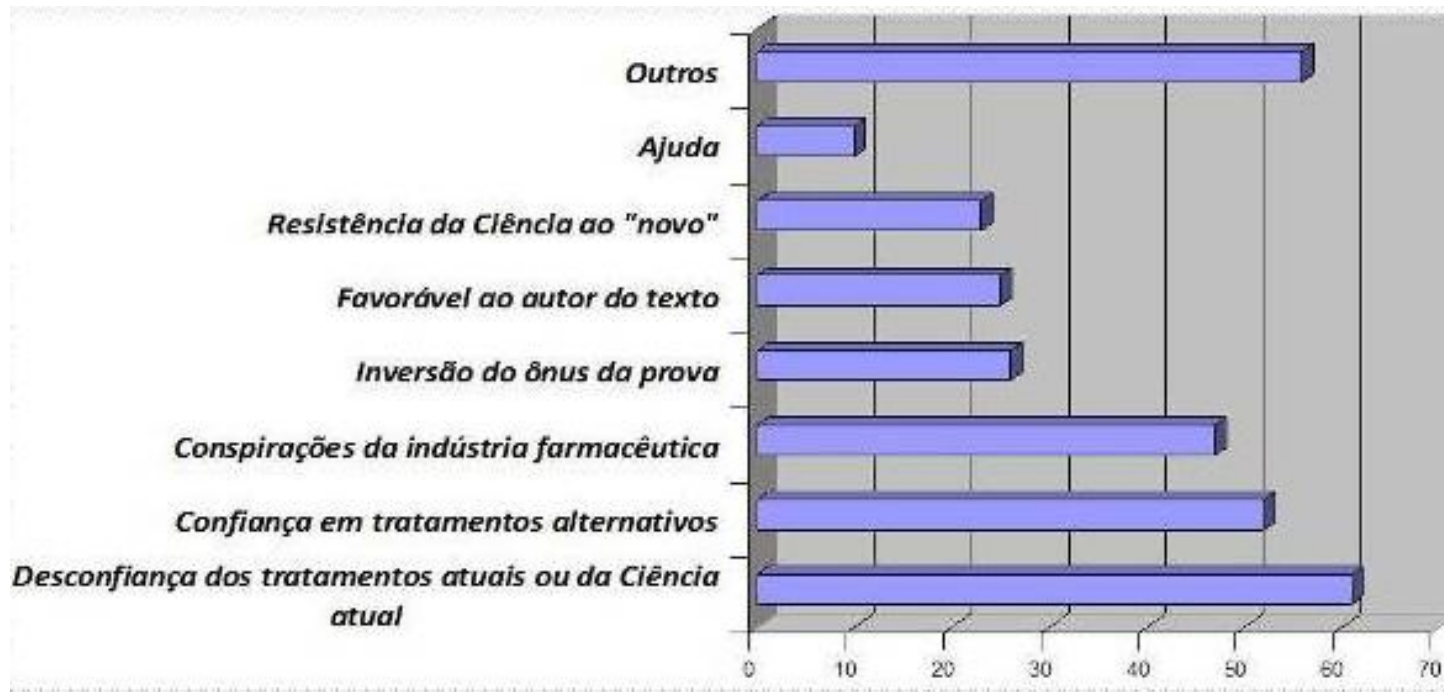
DISCUSSÃO 585 Comentários

CATEGORIAS câncer, genética, lenda, medicina

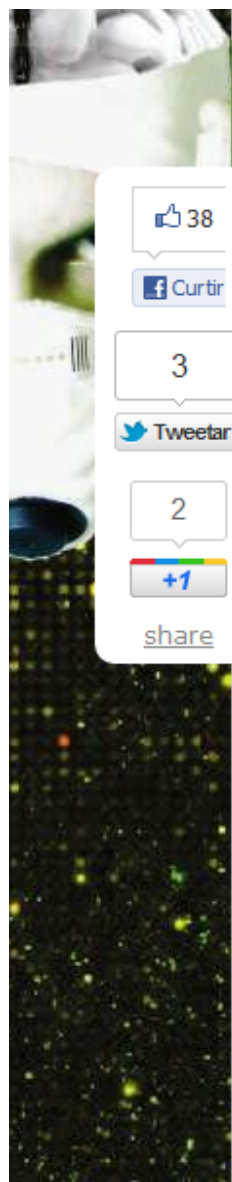
11
Curtir
2
Tweetar
3
+1
share



1 O porquê acadêmico: Alcance



1 O porquê acadêmico: Alcance



Bicarbonato de sódio FUNCIONA contra Câncer

PUBLICADO

7 de jul de 2009

ESCRITO POR

sb admin

DISCUSSÃO

146 Comentários

CATEGORIAS

câncer, lenda

remedio feliz.jpg



**Research
Blogging**

Há algum tempo escrevi um [post sobre um spam](#), rodando pelos emails, citando um tratamento utilizando bicarbonato de sódio na cura do câncer (meu post mais comentado de todos os tempos e que colocou o RNAM em terceiro no Google quando se busca "bicarbonato de sódio").

Ele dizia que o tratamento funcionava mas não era divulgado por lobby de indústrias farmacêuticas querendo proteger seu quinhão de clientes cancerosos.

Critiquei a falta de embasamento científico do tratamento, afirmando que seria fácil montar um experimento em animais provando ou não a eficácia do bicarbonato. Mas ninguém apareceu com fatos científicos.

Mas [foi noticiado recentemente](#) um trabalho em uma revista científica importante, mostrando os benefícios possíveis do controle do pH em tumores. Na verdade foram dois trabalhos, um com [modelo animal](#) e outro com [modelo computacional](#). Claro que choveram comentários dos entusiastas do bicarbonato.

Bem, li o artigo. Vamos aos fatos citados na introdução do mesmo:

- Tumores tem pH mais ácido – pH do corpo é 7,2 a 7,4. Nos tumores o pH é de 6,6 a 7,0. Isto se deve ao fato das células tumorais não terem acesso fácil a vasos sanguíneos, assim, na falta de oxigênio, elas recorrem a respiração anaeróbica, o que acaba gerando ácido lático e outros metabólitos ácidos.

1 O porquê acadêmico: Alcance

Aeeee!! Muito bom o post, parabéns biólogo! Trazendo "papinha de artigos científicos" pro senso comum! Ótima iniciativa! =)

Excelente post. Parece até um artigo científico, com todas as referências, mas com a vantagem de ser muito mais fácil a leitura. :-D

Tomas

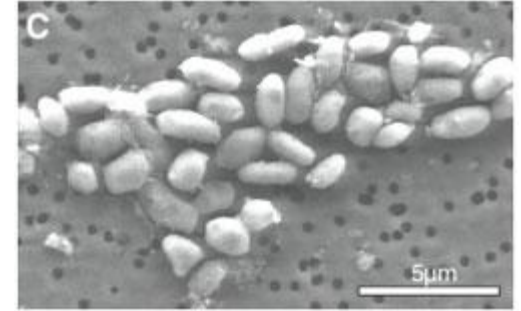
PORRA CARA!!!! EU VEJO O BLOG SEMPRE!!! NUNCA COMENTO PORQUE NAO VEJO NECESSIDADE, MAS COM ESSE POST NAO DÁ, O TEXTO TA MUITO BOM CARA !!!! É ENGRAÇADO MAS INTRIGANTE AO MESMO TEMPO!!!!

P.S: Tá tudo em caps porque estava berrando mesmo.

Sei que existe muita gente que não gosta, mas episódios "científicos" do nerdcast são os melhores, e na minha opinião de merda o Bluehand devia te um pod cast só pra ele porque acho os comentários dele muito foda , ele consegue explicar de uma forma simples conceitos extremamente complicados. Bluehand se você ler este comentário saiba que você esta de parabéns pela suas excelentes participações.

1 O porquê acadêmico: Alcance

- 29/11/2010 NASA anuncia um pronunciamento de uma grande descoberta.



Rosie Redfield vs. Felisa Wolfe-Simon

Editor's Note

ABSTRACT

The Research Article "A bacterium that can grow by using arsenic instead of phosphorus" by F. Wolfe-Simon et al., [published online 2 December 2010](#), was the subject of extensive discussion and criticism following its online publication. *Science* received a wide range of correspondence that raised specific concerns about the Research Article's methods and interpretations. Eight Technical Comments that represent the main concerns, as well as a Technical Response by Wolfe-Simon et al., are published online in *Science Express* at the addresses listed in this note. They have been peer-reviewed and revised according to *Science's* standard procedure.

Bruce Alberts

Editor-in-Chief, *Science*, American Association for the Advancement of Science, 1200 New York Avenue NW, Washington, DC 20005, USA.

The editors suggest the following Related Resources on *Science* sites

In *Science Magazine*

Response to Comments on "A Bacterium That Can Grow Using Arsenic Instead of Phosphorus"

Felisa Wolfe-Simon, Jodi Switzer Blum, Thomas R. Kulp, Gwyneth W. Gordon, Shelley E. Hoefft, Jennifer Pett-Ridge, John F. Stolz, Samuel M. Webb, Peter K. Weber, Paul C. W. Davies, Ariel D. Anbar, and Ronald S. Oremland

Science 3 June 2011: 1149. Published online 27 May 2011

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A Bacterium That Can Grow by Using Arsenic Instead of Phosphorus

Felisa Wolfe-Simon, Jodi Switzer Blum, Thomas R. Kulp, Gwyneth W. Gordon, Shelley E. Hoefft, Jennifer Pett-Ridge, John F. Stolz, Samuel M. Webb, Peter K. Weber, Paul C. W. Davies, Ariel D. Anbar, and Ronald S. Oremland

Science 3 June 2011: 1163-1166. Published online 2 December 2010

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Comment on "A Bacterium That Can Grow by Using Arsenic Instead of Phosphorus"

Rosemary J. Redfield

Science 3 June 2011: 1149. Published online 27 May 2011

10 porquê acadêmico: Alcance it is NOT junk

a blog about genomes, DNA, evolution, open science, baseball and other important things

Elsevier-funded NY Congresswoman Carolyn Maloney Wants to Deny Americans Access to Taxpayer Funded Research

By Michael Eisen | January 5, 2012

In 2008, under bipartisan pressure from Congress to ensure that all Americans would be able to access the results of taxpayer-funded biomedical research, the US National Institutes of Health instituted a [Public Access Policy](#):

The [NIH Public Access Policy](#) ensures that the public has access to the published results of NIH funded research. It requires scientists to submit final peer-reviewed journal manuscripts that arise from NIH funds to the digital archive [PubMed Central](#) upon acceptance for publication. To help advance science and improve human health, the Policy requires that these papers are accessible to the public on PubMed Central no later than 12 months after publication.

The policy has provided access for physicians and their patients, teachers and their students, policymakers and the public to hundreds of thousands of taxpayer-funded studies that would otherwise have been locked behind expensive publisher paywalls, accessible only to a small fraction of researchers at elite and wealthy universities.

The policy has been popular – especially among disease and patient advocacy groups fighting to empower the people they represent to make wise healthcare decision, and teachers educating the next generation of researchers and caregivers.

But the policy has been quite unpopular with a powerful publishing cartels that are hellbent on denying US taxpayers access to and benefits from research they paid to produce. This industry already makes generous profits charging universities and hospitals for access to the biomedical research journals they publish. But unsatisfied with feeding at the public trough only once (the vast majority of the estimated \$10

Subscribe     

Michael Eisen



I'm an evolutionary biologist at UC Berkeley and an Investigator of the

Howard Hughes Medical Institute. My research focuses on the evolution and population genomics of gene regulation in flies, and on the ways that microbes control animal behavior. I am a strong proponent of open science, and a co-founder of the [Public Library of Science](#). And most importantly, I am a Red Sox fan.

I can be reached at:
mbeisen at berkeley.edu
and [@mbeisen](#) on Twitter

**Demand Public Access
To Scientific Knowledge**



1 O porquê acadêmico: Alcance

Gowers's Weblog

Mathematics related discussions

« [SOPA — my part in its downfall](#) <http://thecostofknowledge.com> »

Elsevier — my part in its downfall

The Dutch publisher Elsevier publishes many of the world's best known mathematics journals, including *Advances in Mathematics*, *Comptes Rendus*, *Discrete Mathematics*, *The European Journal of Combinatorics*, *Historia Mathematica*, *Journal of Algebra*, *Journal of Approximation Theory*, *Journal of Combinatorics Series A*, *Journal of Functional Analysis*, *Journal of Geometry and Physics*, *Journal of Mathematical Analysis and Applications*, *Journal of Number Theory*, *Topology*, and *Topology and its Applications*. For many years, it has also been heavily criticized for its business practices. Let me briefly summarize these criticisms.

1. It charges very high prices — so far above the average that it seems quite extraordinary that they can get away with it.
2. One method that they have for getting away with it is a practice known as "bundling", where instead of giving libraries the choice of which journals they want to subscribe to, they offer them the choice between a large collection of journals (chosen by them) or nothing at all. So if *some* Elsevier journals in the "bundle" are indispensable to a library, that library is forced to subscribe at

10 porquê acadêmico: Alcance

The Cost of Knowledge

7868 Researchers Taking a Stand. [See the list](#)

Update: [Elsevier drops support for the Research Works Act.](#)

Academics have protested against Elsevier's business practices for years with little effect. These are some of their objections:

1. They charge exorbitantly high prices for subscriptions to individual journals.
2. In the light of these high prices, the only realistic option for many libraries is to agree to buy very large "bundles", which will include many journals that those libraries do not actually want. Elsevier thus makes huge profits by exploiting the fact that some of their journals are essential.
3. They support measures such as SOPA, PIPA and the ~~Research Works Act~~, that aim to restrict the free exchange of information.

The key to all these issues is the right of authors to achieve easily-accessible distribution of their work. If you would like to declare publicly that you will not support any Elsevier journal unless they radically change how they operate, then you can do so by filling in your details on this page.

More information:

- [Statement of Purpose](#)
- [PolyMath journal publishing reform page](#)

[Read our blog](#), and follow the boycott on Twitter [here](#).

Add your name to the list.

First and Last Name

Affiliation

Email

only used once to verify your identity; never display

Subject

Comments
(optional)

Link
(optional)

such as a link to a blog post of yours explain

I plan to refrain from:

- publishing refereeing editorial work

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[about us](#)

1 O porquê jornalístico

- Liberdade
- Velocidade



New rule for Science Journalism:

If your article can be summarized as "No."
don't write it.

1 O porquê jornalístico: Liberdade



Estadão @Estadao

18 Jan

Coxinha na escola não deixa crianças mais gordas, aponta estudo: migre.me/7Ah6I

Retweetado por Aponta Estudo



Aponta Estudo @apontaestudo

18 Jan

@Eduardo_Jr_ Voto em #voltarouge



Estadão @Estadao

13 Jan

Intestinos de gordos e magros são diferentes, aponta estudo: migre.me/7wtNG

Retweetado por Aponta Estudo



Estadão @Estadao

11 Jan

Bullying na web é problema global: maioria dos casos ocorre no Facebook, aponta estudo: migre.me/7uJnr

Retweetado por Aponta Estudo



Estadão @Estadao

11 Jan

Leite materno é melhor opção, mas bebês ficam mais chorões, aponta estudo: migre.me/7uSYK

Retweetado por Aponta Estudo



Estadão @Estadao

9 Jan

Os mais velhos são mais felizes, aponta estudo: migre.me/7sKOy

Retweetado por Aponta Estudo



Estadão @Estadao

9 Jan

Mulheres que bebem vinho regularmente têm menos risco de câncer de mama, aponta estudo: migre.me/7sXDZ

Retweetado por Aponta Estudo

1 O porquê jornalístico: Liberdade

Nature **460**, 711-716 (6 August 2009) | doi:10.1038/nature08237; Received 11 May 2009; Accepted 22 June 2009

Architecture and secondary structure of an entire HIV-1 RNA genome

Joseph M. Watts¹, Kristen K. Dang², Robert J. Gorelick⁵, Christopher W. Leonard¹, Julian W. Bess Jr⁵, Ronald Swanstrom³, Christina L. Burch⁴ & Kevin M. Weeks¹

1. Department of Chemistry,

2. Department of Biomedical Engineering,

3. Linenberger Cancer Center,

4. Department of Biology, University of North Carolina, Chapel Hill, North Carolina 27599-3290, USA

5. AIDS and Cancer Virus Program, SAIC-Frederick, Inc., NCI-Frederick, Frederick, Maryland 21702-1201, USA




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- **Agência Fapesp:**

A estrutura de um genoma completo do HIV-1, o vírus causador da Aids, **foi sequenciada** pela primeira vez por pesquisadores da Universidade da Carolina do Norte (UNC) em Chapel Hill, nos Estados Unidos. [...]

- **Veja**

Cientistas americanos afirmam **ter decodificado o genoma** completo do vírus HIV-1, causador da Aids. O anúncio foi feito na quarta-feira, em estudo publicado na revista científica *Nature*, e abre caminho para o desenvolvimento de novos tratamentos contra a doença.

- **Terra**

Nova técnica fornece "visão geral" do genoma do HIV - Uma nova técnica permitiu pela primeira vez a **decodificação de todo o mapa genético** do vírus da Aids...

- **Correio Braziliense**

Descobrimos que o genoma do HIV-1 é amplo e contém duas tranças de RNA com 10 mil nucleotídeos em cada

- *Press release:*

The structure of an entire HIV genome has been decoded for the first time by researchers at the University of North Carolina at Chapel Hill. The results have widespread implications for understanding the strategies that viruses, like the one that causes AIDS, use to infect humans.

A estrutura de um genoma inteiro HIV **foi decodificado** pela primeira vez por pesquisadores da Universidade da Carolina do Norte em Chapel Hill. Os resultados têm implicações para a compreensão generalizada das estratégias que os vírus, como o que causa a SIDA, uso de infectar seres humanos.

But the information encoded in RNA is more complex; RNA is able to fold into intricate patterns and structures.

Mas as informações codificadas em RNA é mais complexa; RNA é capaz de dobrar em intrincados padrões e estruturas.

Mais de 20 resultados! Nenhuma reportagem em português discutindo o artigo .

1 O porquê jornalístico: Liberdade

Retraction Watch

Tracking retractions as a window into the scientific process

Brazilian forensic entomologist faces at least three retractions for plagiarism

with 22 comments

After being found guilty of plagiarism, a Brazilian forensic entomologist has been forced to retract one paper and several chapters of a textbook, and will have at least one other paper withdrawn.

The retraction of one of the papers, "Forensic entomology and main challenges in Brazil," in *Neotropical Entomology*, was [reported earlier this year](#) by Marcelo Hermes-Lima. That withdrawal followed an angry letter from Jens Amendt, of Johann Wolfgang Goethe University Hospital in Frankfurt, Germany, and Carlo C. Campobasso, of the University of Molise in Italy, to Regina Lúcia Sugayama, editor in chief of *Neotropical Entomology*. According to the [retraction notice](#):

“ The Editors of the *Neotropical Entomology* are retracting the revision paper "Forensic entomology and main challenges in Brazil" by Gomes L. and Von Zuben C. J., published at *Neotropical Entomology* 2006; 35(1): 1–11 because of plagiarism. The author in charge, L. Gomes, Brazil, has admitted the direct transcription of full sentences and paragraphs and one table of the article "Forensic entomology" by Amendt, J., Krettek, R., Zehner, R., published at *Naturwissenschaften* 91(2): 51–65, 2004, as well as full sentences from the articles "Forensic entomology in Germany" by Amendt, J., Krettek, R., Niess, C., Zehner, R., Bratzke, H., published at *Forensic Sci. Int.* 113: 309–314, 2000; "Distribution and medical ecology of the blowflies (Diptera: Calliphoridae) of Peru" by Baumgartner, D.L., Greenberg, B., published at *Ann. Entomol. Soc. Am* 78: 565–587, 1985; "A brief history of forensic entomology" by Benecke, M., published at *Forensic Sci. Int.* 120: 2–114, 2001; "Entomology" by Brinkmann, B., published at *Int. J. Legal Med.* 118 (4): 187, 2004; "The forensic entomologist in the context of the forensic pathologist's role" by Campobasso, C.P., Introna, F., published at *Forensic Sci. Int.* 120:



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<http://retractionwatch.wordpress.com/2011/08/22/brazilian-forensic-entomologist-faces-at-least-three-retractions-for-plagiarism/>

1 O porquê jornalístico: Liberdade

There is a very interesting detail regarding this retraction notice. Very funny and pathetic in the least.

Please note the following other Brazilian retraction, linked below:

http://www.scielo.br/scielo.php?script=sci_arttext&pid=S0100-879X2008000500014

I have closely followed how Neotropical Entomology retracted this paper from Gomes. The whole retraction notice was provided by L. Gomes. He does not know English very well.

I am CERTAIN he copied the format of the retraction note from the one of the first link!

Do you get the joke? He incurred in plagiarism AGAIN in his own retraction!!!!
What kind of person is this???

[Reply](#)



Li PAM

August 22, 2011

[pm](#)

1 O porquê jornalístico: Velocidade EHEC O104 na Alemanha


 **BGI Shenzhen**
@BGI_Events Shenzhen, China
For news on the latest symposia, conferences and meetings hosted and attended by the BGI (Beijing Genomics Institute, Shenzhen)
<http://events.genomics.org.cn>

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 **BGI_Events** BGI Shenzhen
Latest statement from the BGI on latest #EColi #EHEC TY-2482 genome assembly & (free & validated) diagnostic protocols
<http://ow.ly/5bNah>
28 minutes ago

 **BGI_Events** BGI Shenzhen
Our latest #Ecoli assembly (1st combining >200x coverage Illumina data with @iontorrent reads) is available from NCBI:
<http://ow.ly/5bHPW>
1 hour ago

http://twitter.com/BGI_Events

<http://www.edgebio.com/blog/?p=209>

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« EHEC genomes – plasmid EAEC plasmids »

6 JUN EAEC / STEC genomes

Posted June 6, 2011 by kat in Uncategorized. [7 Comments](#)

Updated Summary: The clear differences so far between the german outbreak strains and the similar EAEC genome Ec55989 are:

- Stx2 phage, see below for alignment to the VT2 Sakai phage (details below)
- IncI resistance plasmid including blaTEM and blaCTX-M, similar to those found in other E. coli and Shigella
- An aggregative adherence fimbrial cluster (*aggABCD*) whose sequence was published in 1994 (U12894, ref in pubmed central), mobilised by IS and present on a plasmid (details below)

Aggregative adherence fimbrial cluster This was published in 1994 by Savarino et al (U12894, ref in pubmed central) from an enteroaggregative E. coli (EAEC or EAggEC). Interestingly, there is no other DNA sequence in NCBI (nr database) that maps to this operon, which is described as encoding aggregative adherence fimbriae I (AAF/I). The sequenced EAEC strains contain plasmids bearing AAF/II and AAF/III fimbriae but not AAF/I (it seems there is usually only 1). Some detailed analysis below, more to come.

Could this be a suitable PCR target? The operon does not seem to have been reported in STEC or EHEC before, so might be a way to discriminate between the outbreak strain and other similar organisms. Nico Petty agrees...what do others think?

It could be a reason behind enhanced transmission (better adhesion to vegetables and other surfaces) and/or enhanced virulence/longer infection times (better adhesion to human cells).

Tags: assem, comm, bacte, circ, mapp, plasm, SO

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1 O porquê jornalístico: Velocidade



« [Resequencing J. Craig Venter w/ SOLiD4 – Part 1](#)
[Digging Deeper on TY2482 and Intro of Second Sequenced Bug – German E. coli Outbreak Strains](#) »

First Look Analysis of Deadly E. Coli in Germany

June 2nd, 2011 by Justin Johnson

Here is our [initial look](#) at the E. coli sequencing data produced on the Ion Torrent from BGI. With a short sequencing time, 2-3 hours, this is a compelling platform to quickly sequence and analyze [outbreaks](#) such as the one current happening in the EU.

Data was accessed via [FTP](#) and 5 fastq files were obtained with the following data:

run1.fastq:100,290

run2.fastq:132,319

run3.fastq:107,178

run4.fastq:245,688

run5.fastq:101,440

While several [outlets](#) are reporting that initial assemblies are available, only read data can be found on the BGI FTP site at this time.

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Evolution

From Wikipedia, the free encyclopedia

This article is about evolution in biology. For other uses, see [Evolution \(disambiguation\)](#).

For a generally accessible and less technical introduction to the topic, see [Introduction to evolution](#).

Evolution (also known as **biological** or **organic evolution**) is the change over time in one or more [inherited traits](#) found in [populations](#) of individuals.^[1] Inherited traits are distinguishing characteristics, for example [anatomical](#), [biochemical](#) or [behavioural](#), that are passed on from one generation to the next. Evolution occurs when there is [variation](#) of inherited traits within a population. The major sources of such inherited variants are [mutation](#), [genetic recombination](#) and [gene flow](#).^{[2][3][4][5]} Evolution has led to the diversification of all living organisms from a common ancestor, which are described by [Charles Darwin](#) as "endless forms most beautiful and most wonderful".^[6]

There are four common mechanisms of evolution. The first mechanism is [natural selection](#), a process in which there is differential survival and reproduction of entities that differ in one or more inherited traits.^[1] Selection can act at multiple levels of organization, for example differential survival and/or reproduction of organisms, populations, or gene variants.^[7] A second mechanism is [genetic drift](#), a process in which there are random changes to the proportions of two or more inherited traits within a population.^{[8][9]} A third mechanism is [mutation](#), which can affect phenotypes expressed across multiple levels of organisation. Finally, the fourth mechanism is [gene flow](#), which is the incorporation of genes from one population into another.

Evolution may in the long term lead to [speciation](#), whereby a single ancestral species splits into two or more different species. Speciation is visible in [anatomical](#), genetic and other [similarities](#) between groups of organisms, [geographical distribution](#) of related species, the [fossil record](#) and the recorded genetic changes in living organisms over many generations. [Common descent](#) stretches back over 3.5 billion years during which life has existed on earth.^{[10][11][12][13]} Both evolution within populations and speciation between them are thought to occur in multiple ways such as slowly, steadily and [gradually](#) over time or [rapidly](#) from one long static state to another.

The scientific study of evolution began in the mid-nineteenth century, when research into the fossil record and the diversity of living organisms convinced most scientists that species evolve.^[14] The mechanisms driving these changes remained unclear until the theory of natural selection was independently proposed by [Charles Darwin](#) and [Alfred Wallace](#) in 1858. In the early 20th century, Darwinian theories of evolution were combined with [genetics](#), [paleontology](#) and [systematics](#), which culminated into a union of ideas known as the [modern](#)

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WHAT WE'RE TALKING ABOUT



TUESDAY, AUGUST 9, 2011

Intestinal Directions

Simple rules for folding a gut

PHARYNGULA August 5, 2011

"So how do species-specific coiling patterns emerge? A naive expectation might be that there are specific genes associated with the process that selectively impose bends at specific locations along the length of the intestine — that there is genetically determined spatial information along the tube that defines how it should coil. This is not the case. Instead, the reproducible pattern of coiling is an emergent property of some general parameters of the tissues."

Beautiful Fly Guts?

DEAN'S CORNER January 6, 2011

"In a paper published in the journal *Cell Metabolism*, biologists at the University of Cambridge use an imaging method to 'uncover a central role for the *Drosophila* intestine in the regulation of nutrient intake, fluid, and ion balance.' Isn't this a lovely example of the beauty of nature, even if it is hidden in the digestive tract of a fruit fly?"

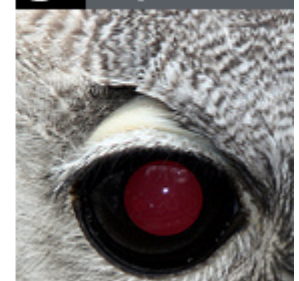
On Pharyngula, PZ Myers reports that the curling and packing of intestines (which in humans grow to over twenty feet long) follows "simple mathematical rules" akin to "the Fibonacci spirals we see in the head of a sunflower or the coils of a nautilus shell." Researchers successfully recreated the characteristic curves of a chick gut using lifeless rubber simulacra, and also predicted them using computer models, proving that although every species has its own stereotypical pattern of gut construction, DNA is not the architect. In an older post on Dean's Corner, Dr. Jeffrey Toney shares some stunning false-color images of *Drosophila* intestines, proving that beauty is not only in the eye of the beholder—it's also in the belly of the beast.

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Bad Astronomy

I am an astronomer, writer, and skeptic. I like reality the way it is, and I aim to keep it that way. My real name is Phil Plait, and I run the Bad Astronomy blog.

My Dragon*Con schedule

- August 8, 2011 3:17 PM

The Perseids are coming... but so's the Moon

- August 8, 2011 12:00 PM

Watch out, Titan! Vader's onto you!

- August 8, 2011 7:00 AM



The Intersection

Where science collides with life, slams into culture, crashes with politics, and gets totaled.

Dear Tea Party: Didn't We Warn You Not to Mess With the Markets?

- August 8, 2011 8:18 PM

Hitting New Orleans October 27-30 for CSICon

- August 8, 2011 12:24 PM

Getting Ready for the Peak of Hurricane Season



Neuroanthropology

Mindfulness and Stress

A guest post by Mark Flanagan discusses the links between stress, health, and mindfulness in our multi-tasking lives.



Take as Directed

“Hippies were never much good as plantsmen”

On 14 August, retired psychiatrist and Royal College of Physicians Fellow, Henry Oakeley, will give a tour of the medicinal gardens in London.



The Gleaming Retort

The Latest in 3D Printing: The Era of Downloadable Objects

3-D printers are all the rage, but John Rennie looks at the implications for this technology, both good and bad.

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Ramadan: Holy month and field experiment

By [Emily Anthes](#)
Posted: August 8, 2011

Ramadan, the Islamic holy month during which Muslims fast during daylight hours, began last week. But Ramadan is more than a holiday—it's also a unique research opportunity. The month provides a large population of people who are fighting against their...

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By Melissa C. Lott | August 8, 2011 |

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By Sophie Bushwick | August 8, 2011 | 1

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Weekend (and Monday) on the Blogs



Latest

Mystery bird: Eastern grey plantain-eater, *Crinifer zonurus*

This Ethiopian mystery bird has a distinctive morphological feature that you will never forget (if you've ever seen it)

Post your comment

Today's mystery bird for you to identify

This lovely North American mystery bird is unique among its family members

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Has Susan Greenfield been misrepresented?

Martin Robbins: As critics from Dorothy Bishop to Carl Zimmer line up against Susan Greenfield's comments on autism, the Baroness argues that she has been misrepresented. Is she right?

14 comments

W and double W

Jon Butterworth: The W boson carries the weak nuclear force. At the Large Hadron Collider pairs of them may be showing the first signs of the Higgs boson. But they are a decidedly mixed blessing.

10 comments

Battle of the sexes

Males and females need each other to pass on their

Editor's picks



Vaccines, the CIA, and how the War on Terror helped spread polio in Nigeria

Martin Robbins: How a polio vaccination in Nigeria collapsed in the face of anti-Western sentiment and conspiracy theories, and why using a vaccine drive to hunt Bin Laden may not have been the smartest idea ever conceived by the CIA.

12 comments

The Lay Scientist



Facebook will destroy your children's brains | by Martin Robbins @mjrobbins

1 Aug 2011, 13:57 BST:

Martin Robbins: Facebook users face a future of rolling around on the floor, dribbling incoherently as they

Science bloggers on Twitter



jonbutterworth: Wish I was in London this morning #riotcleanup
about 53 minutes ago



bengoldacre: this is a pretty wise read MT @stephenfry: kudos to the DT of all papers! <http://tgr.ph/pZiXNR>
about 2 hours, 55 minutes ago



bengoldacre: well, that video of the bleeding kid being mugged has broken me. i feel like i've got a lot of thinking to do. g'night.
about 3 hours, 51 minutes ago

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Bloggers' profiles

The Lay Scientist

Martin Robbins is a Berkshire-based researcher and science writer. He edits The Lay Scientist, a community blog about science, pseudoscience and evidence-based politics

Life and Physics

Jon Butterworth is a physics professor at UCL. He is a member of the High Energy Physics group on the Atlas experiment at the Large Hadron Collider at Cern.

Political science

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Feeds from science blogging networks hosted by media organizations, science publishers and scientific organizations as well as self-organized bloggers' collectives .

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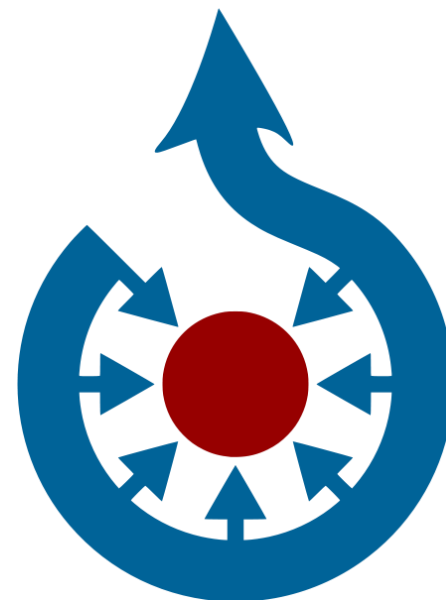
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Psicologia Baseada em Evidências

by Marcus Vinicius Alves in CogPsi

Psychology

Por Aline Couto*Você provavelmente já ouviu falar na Medicina Baseada em Evidências. É uma prática bastante disseminada na área médica a de escolher tratamentos para determinadas doenças, com base em estudos que demonstrem evidências de resultados satisfatórios. O que poucos sabem, no entanto, é que existe também um movimento a favor da Psicologia Baseada em Evidências em saúde pública. A Psicologia Baseada em Evidências - PBE (no original, Evidence-Based Practice in Psycho..... [Read more »](#)

... (2006) Evidence-based practice in psychology. American Psychologist, 61(4), 271-285. DOI: 10.1037/0003-066X.61.4.271 



August 4, 2011
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Blog baseado em evidências


by Rafael Pivovar in Não dou atestado

Chemistry
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Other

Medicina baseada em evidências aplicado aos blogs. Ou blog baseado em evidências. Para aqueles que não são da área às vezes pode haver a curiosidade em saber onde eu consigo as fontes para os textos que publico no blog. Na maioria das vezes procuro trazer as informações mais relevantes a partir de artigos publicados em revistas científicas de medicina que tenham alto impacto. Em outras palavras, quando penso em algum tema para o blog, [Read more »](#)

Pinto, A., & Andrade, J. (1999) Fator de impacto de revistas científicas: qual o significado deste parâmetro?. Química Nova, 22(3), 448-453. DOI: 10.1590/S0100-40421999000300026

Grol R, & Grimshaw J. (2003) From best evidence to best practice: effective implementation of change in patients' care. Lancet, 362(9391), 1225-30. PMID: 14568747 

Althabe, F., Buekens, P., Bergel, E., Belizán, J., Campbell, M., Moss, N., Hartwell, T., & Wright, L. (2008) A Behavioral Intervention to Improve Obstetrical Care. New England Journal of Medicine, 358(18), 1929-1940. DOI: 10.1056/NEJMs071456 

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Moon Rocks

We're collecting moon rocks, real and fake! Tweet at us with your submissions @theatavist. We'll pick our favorite on Friday and the winner will get a free copy of 'The Case of the Missing Moon Rocks' <http://atavist.net/the-case-of-the-missing-moon-rocks/>



20 followers, 17 pins



hootsuite.com



Illinois's moon rock

Atavist from universetoday.com



Getty Images



At the Greenbelt Nature Center in Staten Island

Atavist from media.silive.com



At the Lunar Lab at Johnson Space Center.

Atavist from davasobel.com



NASA moon rock samples



Raymond Stoen and Warren Lyman
brought back by
Brookhaven Natl

1 repin

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3 Onde: Podcasts

Futures in Biotech 78: TWiV Infects FiB


Thursday, May 12, 2011 at 12:03PM



Futures in Biotech - <http://futuresinbiotech.com/>

This Week in Virology - <http://www.twiv.tv/>

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- Psychology of Attractiveness
- Podcast Science (French)
- The Nursing Show
- Pythagoras' Trousers
- The Psych Files
- Science Jim Show
- This Week in Parasitism

Monday, August 8, 2011 at 06:51PM

Big Picture Science: Written in Code

SETI INSTITUTE

Listen here



Genes - what are they good for? Absolutely... something. But not everything. Your "genius" genes need to be turned on - and your environment determines that. Find out how to unleash your inner-Einstein, and what scientists learned from studying the famous physicist's brain.

Also, the bizarre notion that your children inherit not just your genes, but also the consequences of your habits - smoking, stress, diet, and other behaviors that turn the genes on.

Plus Francis Collins on affordable personal genomes, and a man who decoded his own DNA in under a week

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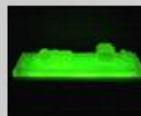
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Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe
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 **Ricardo Gandara Crede** ×

 **Encontro Goiano de Manejo e Conservação de Animais Silvestres**
Local: Anápolis, GO
Horário: quinta, 29 de setembro de 2011 08:00

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 Vanessa Bento Teixeira curtiu isto.

 **Patricia Adalgisa** Ai Ricardo, isto com certeza vai ser ótimo.
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 **Sociedade Brasileira de Ornitologia Sbo** e **Pulga Camila** foram adicionados por Ricardo Gandara Crede.

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3 Onde: Redes Sociais

The image shows a screenshot of a Facebook profile for a user named "Stevie Paul Jobs". The profile picture is a black and white photo of a young man sitting on the floor with an early computer monitor. The cover photo is a large black and white portrait of Steve Jobs with his signature round glasses and a hand on his chin, with the handwritten text "Stay Hungry. Stay Foolish." on the right. The profile name "Stevie Paul Jobs" is displayed in bold. To the right of the name are buttons for "Add Friend" and "Message". Below the name, the "About" section lists: "Chairman at Apple Inc.", "Went to Homestead High School", "Lives in Palo Alto, California", and "From San Francisco, California". At the bottom, there are navigation tabs for "About", "Friends 19", "Photos", "Map", and "Likes 5". The "Map" tab shows a location in Jersey City, NJ. On the right side of the page, there is a vertical timeline with markers for "Now", "2012", "2011", and "Born".

facebook

Stay Hungry. Stay Foolish.

 **Stevie Paul Jobs** [Add Friend](#) [Message](#)

 Chairman at Apple Inc.
 Went to Homestead High School
 Lives in Palo Alto, California
 From San Francisco, California

[About](#) [Friends 19](#) [Photos](#) [Map](#) [Likes 5](#)

Now
2012
2011
Born

3 Onde: Redes Sociais



WW2 Tweets from 1940

@RealTimeWWII

Livetweeting the 2nd World War, as it happens on this date & time in 1940, & for 6 years to come. Contact realtimewwii@gmail.com. See translations via Facebook Britain <http://www.facebook.com/pages/Real-Time-World-War-II/323597664320621>

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334 SEGUINDO

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Tweets

-  **WW2 Tweets from 1940** @RealTimeWWII 12 min
Finnish defenders, short of ammunition, resorting to sawing holes in ice of Viipuri Bay to try & block Russians- but these quickly refreeze.
-  **WW2 Tweets from 1940** @RealTimeWWII 18 min
The Finnish delegation to negotiate peace has left for Moscow; meanwhile, the Red Army has landed a beach-head on Viipuri shore.
-  **WW2 Tweets from 1940** @RealTimeWWII 54 min
Vatican City has announced that the Pope's bomb shelter is nearing completion. They've also bought 1000 gas masks, 1 per resident.
-  **WW2 Tweets from 1940** @RealTimeWWII 2 h
International Red Cross has announced that fewer than 300 Germans, 300 French & 150 British prisoners of war taken in 6 months of war.
-  **WW2 Tweets from 1940** @RealTimeWWII 4 h
Romania has agreed to trade its entire oil surplus (incl. oil promised to France/UK) to Germany in exchange for weapons captured from Poland
-  **WW2 Tweets from 1940** @RealTimeWWII 18 h
Beria's report concludes: to 22,000 Polish prisoners, "apply the supreme punishment: shooting." Stalin signs agreement.
pic.twitter.com/atnBuz2V
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3 Onde: Redes Sociais



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HMS Beagle Project

@beagleproject

The new Beagle will bring the adventure of science to life, retracing Darwin's historic voyage of discovery. Tweets by @kejames, @lisamoab and Peter McGrath.

UK <http://www.hmsbeagleproject.org/>

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981 TWEETS

815 SEGUINDO

2.004 SEGUIDORES

Mantenha contato com HMS Beagle Project

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Tweets

-  **HMS Beagle Project** @beagleproject 10 h
Darwin's diaries: the equator, a leap year, and Brazil nblo.gs/uNTus
-  **HMS Beagle Project** @beagleproject 2 Mar
Hope you all like FB's new-look page. They were going to do it later this month, and just kept hounding us... facebook.com/pages/The-HMS-...
-  **HMS Beagle Project** @beagleproject 2 Mar
Found this post on Darwin's worm work (leaves, sure, but beads? delightfully flaky) - interesting project pop-up-farm.com/?p=377
-  **HMS Beagle Project** @beagleproject 1 Mar
[@lusseau](#) Thanks! Edging a little closer to dry-dock all the time ;>
← Em resposta a [David Lusseau](#)
-  **HMS Beagle Project** @beagleproject 29 Fev
Next-generation wind farms. We like wind, especially at sea. gu.com/p/35zvf/tw
-  **HMS Beagle Project** @beagleproject 29 Fev
Just a heads-up that FB is giving us a new look shortly. It's like Christmas all over again...

Tweets

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3 Onde: Redes Sociais

The screenshot shows the Mendeley website interface. At the top, there is a navigation bar with the Mendeley logo and the name 'MENDELEY' in red. To the right, it says 'Welcome back Atila Iamarino' and includes links for 'My Account' and 'Upgrade'. Below the navigation bar, there are tabs for 'Dashboard', 'My Library', 'Papers', 'Groups', and 'People'. A search bar is located on the right side of the navigation bar, with the text 'Papers' and 'Search...'. The main content area is titled 'Papers' and indicates that there are 33,069,799 papers in the catalog. Below this, there is a search bar with the placeholder text 'Search papers...' and a search icon. A blue banner on the right side of the search bar contains the text 'You're searching the world's largest crowd-sourced research catalog with over 33 million papers.' Below the search bar, there are two tabs: 'Popular' and 'Latest'. The 'Popular' tab is selected. The main content area displays a list of papers. The first paper is 'How to choose a good scientific problem.' by Uri Alon, published in *Molecular Cell* (2009). It has 3,376 readers. The second paper is 'Error bars in experimental biology.' by Geoff Cumming, Fiona Fidler, and David L Vaux, published in *The Journal of Cell Biology* (2007). It has 2,081 readers. The third paper is 'Why Most Published Research Findings Are False: Author's Reply to Goodman and Greenland' by John P A Ioannidis, published in *PLoS Medicine* (2007). It has 1,298 readers. On the right side of the page, there is a 'Browse disciplines' section with a list of various scientific fields, including Arts and Literature, Astronomy / Astrophysics / Space Science, Biological Sciences, Business Administration, Chemistry, Computer and Information Science, Design, Earth Sciences, Economics, Education, Electrical and Electronic Engineering, Engineering, Environmental Sciences, Humanities, Law, Linguistics, Management Science / Operations Research, Materials Science, Mathematics, Medicine, Philosophy, Physics, Psychology, Social Sciences, and Sports and Recreation.

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Papers

In this catalog: 33,069,799 papers

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eg: scientific impact measures

You're searching the world's largest crowd-sourced research catalog with over 33 million papers.

Papers

Popular Latest

How to choose a good scientific problem.
Uri Alon in *Molecular Cell* (2009)
Choosing good problems is essential for being a good scientist. But what is a good problem, and how do you choose one? The subject is not usually discussed explicitly within our profession. Scientists are expected to be smart enough to figure it out...
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Error bars in experimental biology.
Geoff Cumming, Fiona Fidler, David L Vaux in *The Journal of Cell Biology* (2007)
Error bars commonly appear in figures in publications, but experimental biologists are often unsure how they should be used and interpreted. In this article we illustrate some basic features of error bars and explain how they can help communicate...
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John P A Ioannidis in *PLoS Medicine* (2007)
There is increasing concern that most current published research findings are false. The probability that a research claim is true may depend on study power and bias, the number of other studies on the same question, and, importantly, the ratio of...
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Whitesides' Group: Writing a Paper
G M Whitesides in *Advanced Materials* (2004)


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- Environmental Sciences
- Humanities
- Law
- Linguistics
- Management Science / Operations Research
- Materials Science
- Mathematics
- Medicine
- Philosophy
- Physics
- Psychology
- Social Sciences
- Sports and Recreation

3 Onde: Redes Sociais

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Atila Iamarino

Universidade de São Paulo · Microbiology, Biomedical Sciences Institute
Infectious Diseases, Epidemiology, Computing in Mathematics, Natural Science, Engineering and Medicine, Virology, Bioinformatics, Evolutionary Biology

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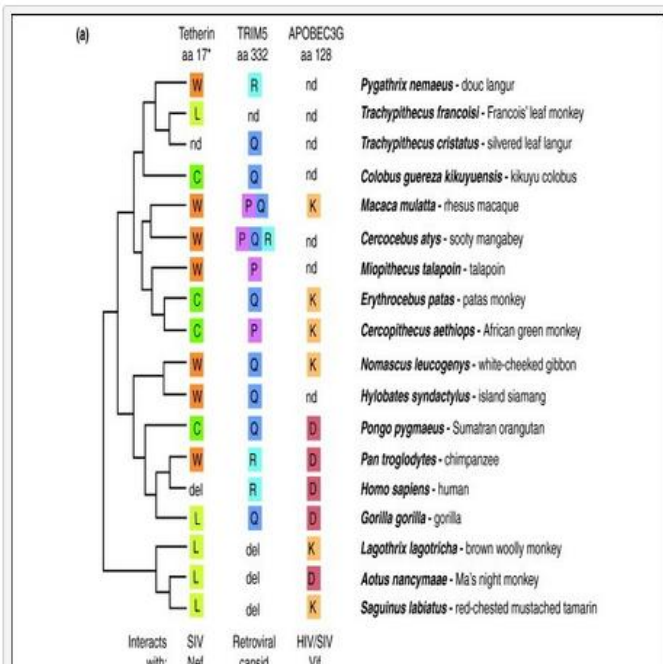
Research Keywords
viral evolution, Molecular Epidemiology, Molecular Evolution, Viruses, HIV, Epidemial Virology, Molecular Virology

Current Advisors
Paolo Zanotto

Past Advisors
Walter Terra

Current Location
São Paulo, Brazil

Co-evolução entre sistema imune e vírus de RNA



Species	Tetherin aa 17*	TRIM5 aa 332	APOBEC3G aa 128
<i>Pygathrix nemaeus</i> - douc langur	W	R	nd
<i>Trachypithecus francoisi</i> - Francois' leaf monkey	L	nd	nd
<i>Trachypithecus cristatus</i> - silvered leaf langur	nd	Q	nd
<i>Colobus guereza kikuyuensis</i> - kikuyu colobus	C	Q	nd
<i>Macaca mulatta</i> - rhesus macaque	W	P Q	K
<i>Cercocebus atys</i> - sooty mangabey	W	P Q R	nd
<i>Miopithecus talapoin</i> - talapoin	W	P	nd
<i>Erythrocebus patas</i> - patas monkey	C	Q	K
<i>Cercopithecus aethiops</i> - African green monkey	C	P	K
<i>Nomascus leucogenys</i> - white-cheeked gibbon	W	Q	K
<i>Hylobates syndactylus</i> - island siamang	W	Q	nd
<i>Pongo pygmaeus</i> - Sumatran orangutan	C	Q	D
<i>Pan troglodytes</i> - chimpanzee	W	R	D
<i>Homo sapiens</i> - human	del	R	D
<i>Gorilla gorilla</i> - gorilla	L	Q	D
<i>Lagothrix lagotricha</i> - brown woolly monkey	L	del	K
<i>Aotus nancymae</i> - Ma's night monkey	L	del	D
<i>Saguinus labiatus</i> - red-chested mustached tamarin	L	del	K

Interacts with: SIV Nef Retroviral capsid HIV/SIV Vif