

Tópicos de busca bibliográfica

Google-fu et al

Felipe Figueiredo

Instituto Nacional de Traumatologia e Ortopedia

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- 2 Google-fu
 - Opções avançadas de busca
 - Google Books
- 3 Deep Web
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 - Livros

- Antigamente localizava-se livros e revistas por fichas nas bibliotecas (papel!)
- Hoje podemos fazer buscas profundas em bases bibliográficas (conteúdo completo das obras)

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- Acessa primariamente a base MEDLINE, entre outras
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The screenshot shows the PubMed website interface. The browser tab is titled 'virus evolution - PubMed - NCBI - Chromium'. The address bar shows the URL 'www.ncbi.nlm.nih.gov/pubmed/?Db=pubmed&term=virus%20evolution'. The search bar contains 'virus evolution' and the results are sorted by 'Most Recent'. The search results list three items, each with a title, authors, journal, and publication date. The first item is 'Viral variants that initiate and drive maturation of V1V2-directed HIV-1 broadly neutralizing antibodies' by Bhiman JN et al. The second item is 'The use of the NIS reporter gene for optimizing oncolytic virotherapy' by Miller A, Russell SJ. The third item is 'Transcriptional regulation of gilthead seabream bone morphogenetic protein (BMP) 2 gene by bone- and cartilage-related transcription factors' by Marques CL et al. The interface also includes a 'New feature' section, a 'Results by year' bar chart, and a 'Related searches' section.

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PMID: 26457756

2. [The use of the NIS reporter gene for optimizing oncolytic virotherapy.](#)
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Abstract

Nat Med. 2015 Oct 12. doi: 10.1038/nm.3963. [Epub ahead of print]

Viral variants that initiate and drive maturation of V1V2-directed HIV-1 broadly neutralizing antibodies.

Bhiman JN^{1,2}, Anthony C³, Dorja-Rose NA⁴, Karimanzira O¹, Schramm CA⁵, Khoza T¹, Kitchin D¹, Bothe G³, Gorman J⁴, Garrett NJ⁶, Abdool Karim SS⁶, Shapiro L^{4,5}, Williamson C^{3,6,7}, Kwong PD⁴, Mascola JR⁴, Morris L^{1,2,6}, Moore PL^{1,2,6}.

Author information

Abstract

The elicitation of broadly neutralizing antibodies (bNAbs) is likely to be essential for a preventative HIV-1 vaccine, but this has not yet been achieved by immunization. In contrast, some HIV-1-infected individuals naturally mount bNAb responses during chronic infection, suggesting that years of maturation may be required for neutralization breadth. Recent studies have shown that viral diversification precedes the emergence of bNAbs, but the significance of this observation is unknown. Here we delineate the key viral events that drove neutralization breadth within the CAP256-VRC26 family of 33 monoclonal antibodies (mAbs) isolated from a superinfected individual. First, we identified minority viral variants, termed bNAb-initiating envelopes, that were distinct from both of the transmitted/founder (T/F) viruses and that efficiently engaged the bNAb precursor. Second, deep sequencing revealed a pool of diverse epitope variants (immunotypes) that were preferentially neutralized by broader members of the antibody lineage. In contrast, a 'dead-end' antibody sublineage unable to neutralize these immunotypes showed limited evolution and failed to develop breadth. Thus, early viral escape at key antibody-virus contact sites selects for antibody sublineages that can tolerate these changes, thereby providing a mechanism for the generation of neutralization breadth within a developing antibody lineage.

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- Papers
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Definition

Mecanismo de busca que acessa a base bibliográfica do Google para livros e artigos acadêmicos.

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- Indexa citações
- Facilita acesso ao PDF, caso disponível publicamente
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The screenshot shows a Google Scholar search results page for the query "virus evolution". The browser window title is "virus evolution - Google Scholar - Chromium". The address bar shows the URL: <https://scholar.google.com.br/scholar?hl=en&q=virus+evolution&btnG=&z=Q>. The search bar contains "virus evolution" and shows "About 2,090,000 results (0.05 sec)".

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T Toyoda, T Sakaguchi, H Hirota, B Gotoh, K Kuma... - Virology, 1989 - Elsevier

Abstract Sequence analysis and comparison of the fusion glycoprotein genes of 11 Newcastle disease **virus** (NDV) isolates indicated a high degree of functional and structural constraint exerted on the change of the glycoprotein. However, synonymous nucleotide ...

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Rearrangements in the 5' nontranslated region and phylogenetic analyses of cucumber mosaic **virus** RNA 3 indicate radial **evolution** of three subgroups asm.org (HTML)

MJ Roossinck, L Zhang, KH Hellwald - Journal of virology, 1999 - Am Soc Microbiol

ABSTRACT Cucumber mosaic **virus** (CMV) has been divided into two subgroups based on serological data, peptide mapping of the coat protein, nucleic acid hybridization, and nucleotide sequence similarity. Analyses of a number of recently isolated strains suggest ...

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What does structure tell us about **virus evolution**? researchgate.net (PDF)

DH Bamford, JM Grimes, DJ Stuart - Current opinion in structural biology, 2005 - Elsevier

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Newcastle disease **virus evolution**: I. Multiple lineages defined by sequence variability of the hemagglutinin-neuraminidase gene

T Sakaguchi, T Toyoda, B Gotoh, NM Inocencio... - Virology, 1989 - Elsevier

Abstract We compared the hemagglutinin-neuraminidase gene sequence among 13 strains of Newcastle disease **virus** (NDV) isolated over the last 50 years. Although overall homology was remarkably high, the sequence variability demonstrated the existence of at least three ...

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LS Tsimring, H Levine, DA Kessler - Physical review letters, 1996 - APS

Abstract We present a mean-field theory for the **evolution** of RNA **virus** populations. The theory operates with a distribution of the population in a one-dimensional fitness space, and is valid for sufficiently smooth fitness landscapes. Our approach explains naturally the ...

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MLA Bamford, Dennis H., Jonathan M. Grimes, and David I. Stuart. "What does structure tell us about virus evolution?." *Current opinion in structural biology* 15.6 (2005): 655-663.

APA Bamford, D. H., Grimes, J. M., & Stuart, D. I. (2005). What does structure tell us about virus evolution?. *Current opinion in structural biology*, 15(6), 655-663.

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Viruses are the most abundant life form and infect practically all organisms. Consequently, these obligate parasites are a major cause of human suffering and economic loss. The organization and origins of this enormous virosphere are profound open questions in ...

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Google-fu

Habilidade em usar mecanismos de busca (em especial o Google) para localizar rapidamente informação na Internet.

Referência ao termo *kung fu*, cujo domínio exige muita dedicação.

Fonte: <http://english.stackexchange.com/questions/19967/what-does-google-fu-mean>

Resumindo

Conjunto de técnicas “avançadas” usadas quando a informação necessária é difícil de ser localizada.

Google-fu

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Podemos ampliar ou reduzir o escopo da busca ...

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WH Ettinger, R Burns, SP Messier, W Applegate... - *Jama*, 1997 - jama.jamanetwork.com
Research from JAMA — A Randomized Trial Comparing Aerobic Exercise and Resistance Exercise With a Health Education Program in Older Adults With Knee Osteoarthritis — The Fitness Arthritis and Seniors Trial (FAST).
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CJM Bachmeier, LM March, MJ Cross... - *Osteoarthritis and ...*, 2001 - Elsevier
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CHAPTER 4

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CHROMATIN STRUCTURE AND FUNCTION

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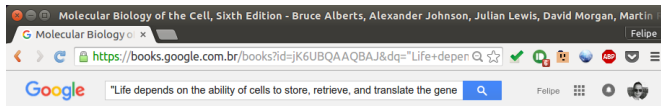
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