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Instituto Nacional de Traumatologia e Ortopedia

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Bases bibliográficas na Internet

- Antigamente localizava-se livros e revistas por fichas



- Hoje podemos fazer buscas profundas em bases bibliográficas (conteúdo completo das obras)

Exemplos



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- **Mecanismo de busca**, mantido pelo governo dos EUA (NLM¹ e NIH²)
- Acessa primariamente a base MEDLINE, entre outras
- Referências dos artigos são indexadas e catalogadas para busca
- Links para o conteúdo dos artigos (externos)
- Sugere artigos similares
- Exporta referências para gerenciadores bibliográficos (Mendeley, EndNote, etc)

¹National Library of Medicine

²National Institutes of Health

Definição

Base bibliográfica de acesso gratuito de referências de Ciências da Saúde e afins

Disponíveis:

- Índice
- Abstract
- Link para artigo completo (em geral, site da editora)

MEDLINE (escopo)



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Definição

Repositório gratuito de artigos Open-Access

Disponíveis:

- Índice
- Abstract
- Conteúdo integral

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1. Bhiman JN, Anthony C, Doria-Rose NA, Karimanzira O, Schramm CA, Khoza T, Kitchin D, Botha G, Gorman J, Garrett NJ, Abdool Karim SS, Shapiro L, Williamson C, Kwong PD, Mascola JR, Morris L, Moore PL. Nat Med. 2015 Oct 12. doi: 10.1038/nm.3963. [Epub ahead of print] PMID: 26457756

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

2. Miller A, Russell SJ. Expert Opin Biol Ther. 2015 Oct 12:1-18. [Epub ahead of print] PMID: 26457362

☐ [Transcriptional regulation of gilthead seabream bone morphogenetic protein \(BMP\) 2 gene by bone- and cartilage-related transcription factors.](#)

3. Marques CL, Leonor Cancela M, Laizé V. Gene. 2015 Oct 8. pii: S0378-1119(15)01212-3. doi: 10.1016/j.gene.2015.10.005. [Epub ahead of print]

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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 (TF) 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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- Indexa citações
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E Domingo, C Escarmis, N Sevilla, A Moya, SF Elena... - The FASEB Journal, 1996 - FASEB
Abstract A hallmark of RNA genomes is the error-prone nature of their replication and
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M Yamashita, M Krystal, WM Fitch, P Palese - Virology, 1988 - Elsevier
Abstract Sequence analyses and comparison of the genes coding for the nonstructural (NS)
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1987 reveal that the number of substitutions is not always proportional to the time between ...
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Mechanisms of plant virus evolution
MJ Roossinck - Annual review of phytopathology, 1997 - annualreviews.org
Abstract Plant viruses utilize several mechanisms to generate the large amount of genetic
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probably have highly error prone replication mechanisms, that result in numerous ...
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Virus evolution and genetic diversity of hantaviruses and their rodent hosts
A Plyusnin, SP Morzunov - Hantaviruses, 2001 - Springer
Abstract Unlike other members of the Bunyaviridae family, which must be regarded as
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**Phylogenetic Analysis of the Arenaviridae: Patterns of Virus Evolution and Evidence for
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MD Bowen, CJ Peters, ST Nichol - Molecular phylogenetics and evolution, 1997 - Elsevier

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avirulent strains
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
MJ Roossinck, L Zhang, KH Heliwald - Journal of virology, 1999 - Am Soc Microbiol
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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 Iino... - Virology, 1989 - Elsevier
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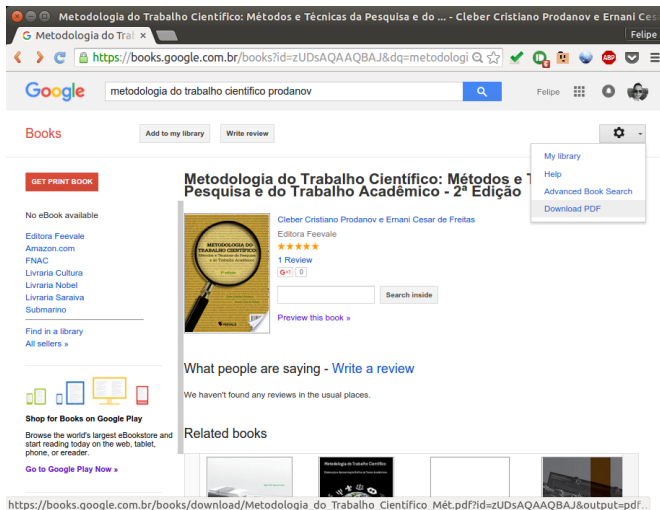
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Trabalhos científicos ou acadêmicos consistem em escritos que resultam do desenvolvimento de pesquisas realizadas tanto em Curso de Graduação quanto de Pós-graduação.

São vários os tipos de trabalhos acadêmicos e suas denominações e não há consenso sobre os significados dos diversos termos empregados. Por isso, adotamos, neste trabalho, o entendimento que é dado pela ABNT ou, quando inexistente, o mais aceito, tendo por base a literatura sobre o assunto.

Esta obra não contempla todos os tipos de trabalhos acadêmicos ou científicos. O interesse está voltado para aqueles típicos de disciplinas, conclusão de cursos de graduação e pós-graduação, projeto de pesquisa, além de redação e formatação de artigo.

Nos cursos de graduação, os universitários devem ser orientados a progredir gradativamente da simples informação para a autodescoberta do conhecimento e para a criatividade.

Dessa forma, os cursos de graduação caracterizam-se pela integração social dos universitários, não somente pela sua instrumentalização, mas, principalmente, pela formação de uma comunidade acadêmica.

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"Life depends on the ability of cells to store, retrieve, and translate the genetic instructions required to make and maintain a living organism."

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Result 1 of 1 in this book for "Life depends on the ability of cells to store, retrieve, and translate the genetic instructions required to make and maintain a living organism."

BASIC GENETIC MECHANISMS

DNA, Chromosomes, and Genomes

CHAPTER 4

IN THIS CHAPTER

- THE STRUCTURE AND FUNCTION OF DNA
- CHROMOSOMAL DNA AND ITS PACKAGING IN THE CHROMATIN FIBER
- CHROMATIN STRUCTURE AND FUNCTION
- THE GLOBAL STRUCTURE OF CHROMOSOMES

Life depends on the ability of cells to store, retrieve, and translate the genetic instructions required to make and maintain a living organism. This *hereditary information* is passed on from a cell to its daughter cells at cell division, and from one generation of an organism to the next through the organism's reproductive cells. The instructions are stored within every living cell as its genes, the information-containing elements that determine the characteristics of a species as a whole and of the individuals within it.

As soon as genetics emerged as a science at the beginning of the twentieth century, scientists became intrigued by the chemical structure of genes. The information in genes is copied and transmitted from cell to daughter cell millions of times during the life of a multicellular organism, and it survives the process essentially unchanged. What form of molecule could be capable of such accurate and almost unlimited replication and also be able to exert precise control, directing multicellular development as well as the daily life of every cell? What kind of instructions does the genetic information contain? And how can the enormous amount

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Bruce Alberts, Alexander Johnson, Julian Lewis, David Morgan, Martin Raff, Keith Roberts, Peter Walter

Garland Science, Nov 20, 2014 - Science - 1464 pages

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Martin Raff, University College London, UK

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Illustrated	
Editor	
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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: Stack Exchange

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Radiological assessment of osteo-arthrosis

JH Kellgren, JS Lawrence - *Annals of the rheumatic diseases*, 1957 - ncbi.nlm.nih.gov

In a previous study (Kellgren and Bier, 1956), three sets of x rays of the hands were used to assess inter- and intra-observer differences in interpreting changes of rheumatoid arthritis. Wide disagreement between observers was found, and it was concluded that, to ensure ...

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Osteo-arthrosis. Prevalence in the population and relationship between symptoms and x-ray changes.

JS Lawrence, JM Bremner, F Bier - *Annals of the rheumatic diseases*, 1966 - ncbi.nlm.nih.gov

From a study of rheumatic complaints in an urban population (Kellgren, Lawrence, and Aitken-Swan, 1953), it was concluded that osteo-arthrosis was the most frequent cause of loss of work due to rheumatic disease in females and that it came third as a cause of such ...

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Osteo-arthrosis and disk degeneration in an urban population

JH Kellgren, JS Lawrence - *Annals of the Rheumatic Diseases*, 1958 - ncbi.nlm.nih.gov

This study of osteo-arthrosis, or degenerative joint disease, is based on the same survey material as the corresponding paper on rheumatoid arthritis (Kellgren and Lawrence, 1956). A one-in-ten random sample of the population aged 55-64 years in the Lancashire town of ...

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[Evaluation of a German version of WOMAC (Western Ontario and McMaster Universities) Arthritis Index]

G Stucki, D Meier, S Stucki, BA Michel... - *Zeitschrift für ...*, 1995 - europepmc.org

The WOMAC (Western Ontario and McMaster Universities) Osteoarthritis Index is a tested questionnaire to assess symptoms and physical functional disability. We adapted the WOMAC for the German language and tested its metric properties, test-retest reliability ...

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Oral glucosamine sulphate in the management of arthrosis: report on a multi-centre open investigation in Portugal.

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Obesity and knee osteoarthritis: the Framingham Study
DT Felson, JJ Anderson, A Naimark... - *Annals of internal medicine* ..., 1988 - Am Coll Physicians
... cause. Design: Cohort study with weight and other important variables measured in 1948 to 1951 (mean age of subjects, 37 years) and **knee arthritis** evaluated in 1983 to 1985 (mean age of subjects, 73 years). Setting: Population ...
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... trial comparing aerobic exercise and resistance exercise with a health education program in older adults with **knee osteoarthritis: the Fitness Arthritis and Seniors Trial ...**
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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[HTML] A comparison of outcomes in osteoarthritis patients undergoing total hip and knee replacement surgery
CJM Bachmeier, LM March, MJ Cross... - *Osteoarthritis and ...*, 2001 - Elsevier
Objective The aims of this study were to assess changes in physical function and quality of life with the Western Ontario and McMaster Universities Osteoarthritis Index (WOMAC) and the instrument of the Medical Outcomes Study SF-36 Health Survey (MOS SF-36), ...
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Osteotomy about the knee for degenerative and rheumatoid arthritis
MB COVENTRY - *The Journal of Bone & Joint Surgery*, 1973 - jbs.org
Abstract In seventy-one patients with degenerative **arthritis** and sixteen with quiescent rheumatoid **arthritis**, proximal tibial or femoral osteotomy was performed for varus or valgus deformity. The correction needed was gauged in standing roentgenograms. After one to ...
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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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Analysis of the discordance between radiographic changes and **knee** pain in osteoarthritis of the **knee**.

MT Hannan, DT Felson, T Pincus - The Journal of rheumatology, 2000 - europepmc.org

... radiographic **knee** OA and 34% reported **knee** pain. CONCLUSION: Substantial discordance exists in this population based study between radiographic OA of the **knee** versus **knee** pain, versus a diagnosis of **arthritis** by a physician. ...

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... The term osteo-arthrosis, as used in this paper, is synonymous with osteo-**arthritis** and with degenera ... The following radiological features were con- sidered evidence of osteo-**arthrosis**: (1) The formation of osteophytes on the joint margins or, in the case of the **knee** joint, on the ...

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The prevalence of **knee** osteoarthritis in the elderly. The Framingham Osteoarthritis Study

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SCHARDT et al, 2007

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A highly pleiotropic amino acid polymorphism in the *Drosophila* insulin receptor contributes to life-history adaptation

Annalise B. Paaby^{1,2}, Alan O. Bergland³, Emily L. Behman¹ and Paul S. Schmidt¹

Version of Record online: 20 NOV 2014
DOI: 10.1111/evo.12546
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Parasites: proxies for host genealogy and ecology?

Caroline M. Nieberding^{1, 2}, Isabelle Olivier³

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Parasites: proxies for host genealogy and ecology?

Caroline M. Nieberding^{1,2} and Isabelle Olivieri³

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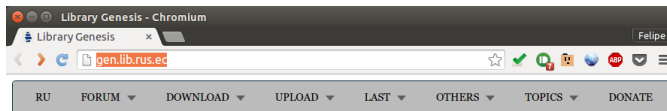
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Genetic information is used extensively to reconstruct the evolutionary and demographic history of organisms. Recently, it has been suggested that genetic information from some parasites can complement genetic data from their hosts. This approach relies upon the hypothesis that such parasites share a common history with their host. In some cases, parasites provide an additional source of information because parasite data can better reconstruct the common history. Here, we discuss which parasite traits are important in determining their usefulness for analysing host history. The key is the matching of the traits of the parasite (e.g. effective population size, generation time, mutation rate and level of host specificity) with the timescales (phylogenetic, phylogeographic and demographic) that are relevant to the issues of concern in host history.

Whiteman and Parker [6] partly summarized the theoretical framework for using parasites as proxies for their host evolutionary history. Here, we further explain why parasites have become used as host 'proxies'. We emphasize that such 'proxy' parasites should share the host genealogical history and provide a better resolution of this common history than would the host itself. We argue that the choice of the most relevant parasite varies with the timescale of the analysis (phylogenetic, phylogeographic or demographic; see Glossary) and that parasites could be most useful at the phylogeographic and demographic scales. A better understanding of the evolutionary history of parasites should broaden the range of host evolutionary questions that can be addressed.

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SCHARDT, Connie et al. Utilization of the PICO framework to improve searching PubMed for clinical questions. **BMC medical informatics and decision making**, v. 7, n. 1, p. 16, 2007.

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