Open access from a researcher’s perspective: health sciences

Wolfgang Preiser

Division of Medical Virology,
Stellenbosch University / NHLS Tygerberg
Division of Medical Virology

Faculty of Health Sciences, Stellenbosch University / National Health Laboratory Service Tygerberg
Global population distribution

The size of each territory shows the relative proportion of the world's population living there

Source: www.worldmapper.org
Global distribution of HIV

Territory size shows the proportion of all people aged 15-49 with HIV infection, living there

Source: www.worldmapper.org
EPIC PRODUCTIONS PRESENTS
NELSON MANDELA IN
The Long Walk to Free Aids Drugs

5
Short communication

Pitfalls with rapid HIV antibody testing in HIV-infected children in the Western Cape, South Africa

M. Claassen\textsuperscript{a}, G.U. van Zyl\textsuperscript{a,\ast}, S.N.J. Korsman\textsuperscript{a}, L. Smit\textsuperscript{a},
M.F. Cotton\textsuperscript{b}, W. Preiser\textsuperscript{a}

\textsuperscript{a} Discipline of Medical Virology, Department of Pathology, Faculty of Health Sciences, University of Stellenbosch and NHLS, Tygerberg 7505, South Africa
\textsuperscript{b} Department of Paediatrics and Child Health, Tygerberg Children’s Hospital and University of Stellenbosch, South Africa

Received 26 April 2006; received in revised form 16 June 2006; accepted 22 June 2006

---

Young Age a Predictor of Weak Reactivity in a Rapid Antibody Test in Infants Infected With HIV

Leana Maree,\textsuperscript{1\ast} Gert U. van Zyl,\textsuperscript{1} Shelley L. Lotter,\textsuperscript{1} Corena de Beer,\textsuperscript{1}
Monika M. Esser,\textsuperscript{2} and Wolfgang Preiser\textsuperscript{1}

\textsuperscript{1}Division of Medical Virology, Department of Pathology, National Health Laboratory Service, University of Stellenbosch, Cape Town, South Africa
\textsuperscript{2}Immunology Section, Division of Medical Microbiology, Department of Pathology, National Health Laboratory Service, University of Stellenbosch, Cape Town, South Africa
Short communication

Extraction buffer contaminated bacterially as a cause of invalid HIV-1 viral load results on the NucliSens EasyQ® system

M. Claassen*, G.U. van Zyl, W. Preiser

Division of Medical Virology, National Health Laboratory Service Tygerberg/Department of Pathology, Faculty of Health Sciences, Stellenbosch University, PO Box 19063, Tygerberg 7505, South Africa

Short communication

NucliSens EasyQ® HIV-1 V1.2 system: Detection of human plasma-derived background signal

G.U. van Zyla,*, S.N.J. Korsmanb, L. Mareea, W. Preisera

a Division of Medical Virology, National Health Laboratory Service and Stellenbosch University, P.O. Box 19063, Tygerberg 7505, South Africa
b Department of Medical Virology, National Health Laboratory Service and Walter Sisulu University, Faculty of Health Sciences, Private Bag XI, Mthatha 5117, South Africa
Are the results of my research reaching those who need them most?

- **Primary target audience:** pathologists and technologists working in diagnostic laboratories

- **Journals used:**
  - *Journal of Clinical Virology*  
    2008 IF 3.323
  - *Journal of Medical Virology*  
    2008 IF 2.576
  - *Journal of Virol. Methods*  
    2008 IF 2.077

- **None of these journals is open access**

- **However, they are well known, widely read and readily available via most university libraries in South Africa and most developed countries**

- **Both publishers, Wiley-Blackwell and Elsevier, offer an "author-pays" option**
Results: 85

1. Young age a predictor of weak reactivity in a rapid antibody test in infants infected with HIV.
   Maroe L, van Zyl GU, Lotter SL, de Beer C, Esser MM, Preiser W.
   PMID: 20572089 [PubMed - indexed for MEDLINE]
   Related citations

   PMID: 20531031 [PubMed - indexed for MEDLINE]
   Related citations

3. Pandemic flu (H1N1) 2009 and pregnancy.
   Anderson MI, Van Zyl G, Preiser W, Langenegger E, Theron G.
   PMID: 20459950 [PubMed - indexed for MEDLINE]
   Related citations

4. Significantly diminished long-term specificity of the BED capture enzyme immunoassay among patients with
Results: 11

1. Young age a predictor of weak reactivity in a rapid antibody test in infants infected with HIV.
   Marce L, van Zyl GU, Lotter SL, de Beer C, Esser MM, Preiser W.
   PMID: 20572089 [PubMed - indexed for MEDLINE]
   Related citations

2. HIV-1 with very low CD4 counts and those on antiretroviral therapy.
   PMID: 20306655 [PubMed - indexed for MEDLINE]
   Related citations

   van Zyl GU, Karsman SN, Marce L, Preiser W.
   PMID: 2019541 [PubMed - indexed for MEDLINE]
   Related citations

4. Surveillance of transmitted resistance to antiretroviral drug classes among young children in the Western Cape Province of South Africa.

Filter your results:
- All (11)
- Review (0)
- Free Full Text (3)

Find related data
- Database: [Select]
- Find items

Recent activity
- Turn Off Clear
- Published
- See more...
Books:
• can be sold by publishers
• are prestigious
• are tangible
• easily read in different situations (beach, bath-tub etc.)
• have authority

Internet sites
• cost the reader nothing
• are more up-to-date than books
• reach a lot of readers
• speed up the flow of information
Book + internet sites are
• easy to sell + up-to-date
• prestigious + have a lot of readers
• suitable for the bath-tub + the computer
• representative + around the world in an instant

Influenza Report
by Bernd Sebastian Kamps, Christian Hoffmann and Wolfgang Preiser (Editors)

http://www.influenzareport.com/index.htm

Download (free)
PDF, 225 pages, 2.8 MB
ISBN 3-924774-51-X
25 €
1st edition, PDF-File
8th May to 6th July 2003 26 200

2nd edition, PDF-File
8th July to 15th October 2003 9 200

3rd edition, PDF-File
16th Oct 2003 to 31st Dec 2004 18 000

SARS Reference Homepage 232 426

Chapter
Virology 42 214

Treatment 39 581

Paediatric SARS 10 826
Open access policy

Position statement in support of open and unrestricted access to published research

The mission of the Wellcome Trust is to support the brightest minds in biomedical research and the medical humanities.

The main output of this research is new ideas and knowledge, which the Trust expects its researchers to publish in high-quality, peer-reviewed journals.

The Wellcome Trust believes that maximising the distribution of these papers - by providing free, online access - is the most effective way of ensuring that the research we fund can be accessed, read and built upon. In turn, this will foster a richer research culture.

The Wellcome Trust therefore supports unrestricted access to the published output of research as a fundamental part of its charitable mission and a public benefit to be encouraged wherever possible.

Specifically, the Wellcome Trust:

- expects authors of research papers to maximise the opportunities to make their results available for free
- requires electronic copies of any research papers that have been accepted for publication in a peer-reviewed journal, and are supported in whole or in part by Wellcome Trust funding, to be made available through PubMed Central (PMC) and UK PubMed Central (UKPMC) under licence to make it publicly available immediately upon publication.
Position statement in support of open and unrestricted access to published research

... The Wellcome Trust believes that maximising the distribution of these papers - by providing free, online access - is the most effective way of ensuring that the research we fund can be accessed, read and built upon. In turn, this will foster a richer research culture. The Wellcome Trust therefore supports unrestricted access to the published output of research as a fundamental part of its charitable mission and a public benefit to be encouraged wherever possible.
Welcome to the information platform open-access.net!

The open-access.net platform aims to meet the growing demand for information on the subject of Open Access (OA). Our editorial team gathers information which is scattered across many sources and bundles it thematically for presentation to various target groups.

The information platform has been extended and now also offers country-specific Swiss content. While the adaptation of the platform to the needs of users in Switzerland mainly involved the inclusion of country-specific content about legal issues related to Open Access, it also included other measures such as mentioning organisations and projects that actively promote Open Access in Switzerland. To access this country-specific content, which is available in both German and English, just click on the Swiss flag (above right). The platform will also integrate country-specific content for visitors from Austria in the near future.

Since we wish to progressively expand and optimise open-access.net in response to user needs and feedback, we welcome your input. So please don’t hesitate to send us an E-Mail if you have any questions, comments or suggestions.
Open Access and Research Funding by the DFG

... the DFG signed the Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities on 22 October 2003, thereby demonstrating its efforts to support the advancement of science by calling for easily accessible, freely available electronic publications...

In March 2009, the Alliance of German Science Organisations reacted to criticism of the open access model and rejected the insinuation that it wanted to curtail the freedom to publish (a violation of the German Basic Law) as “unacceptable”. The Alliance stated that, on the contrary, its Digital Information Initiative is aimed at equipping scientists and academics with the best possible information infrastructure.
Thank you, baie dankie, enkosi kakhulu, vielen Dank!