

Bibliothèque numérique de l'enssib

Integrating Europe! New partnerships across old borders, 29 juin au 2 juillet 2004 33e congrès LIBER

The library as a virtual research environment

VELTEROP, Jan BioMed Central

VELTEROP, Jan. The library as a virtual research environment. In 33th LIBER Annual General Conference, Integrating Europe! New partnerships across old borders, Saint-Pétersbourg, du 29 juin au 2 juillet 2004 [en ligne]. Format PDF.

Disponible sur: < http://www.enssib.fr/bibliotheque-numerique/notice-1410>

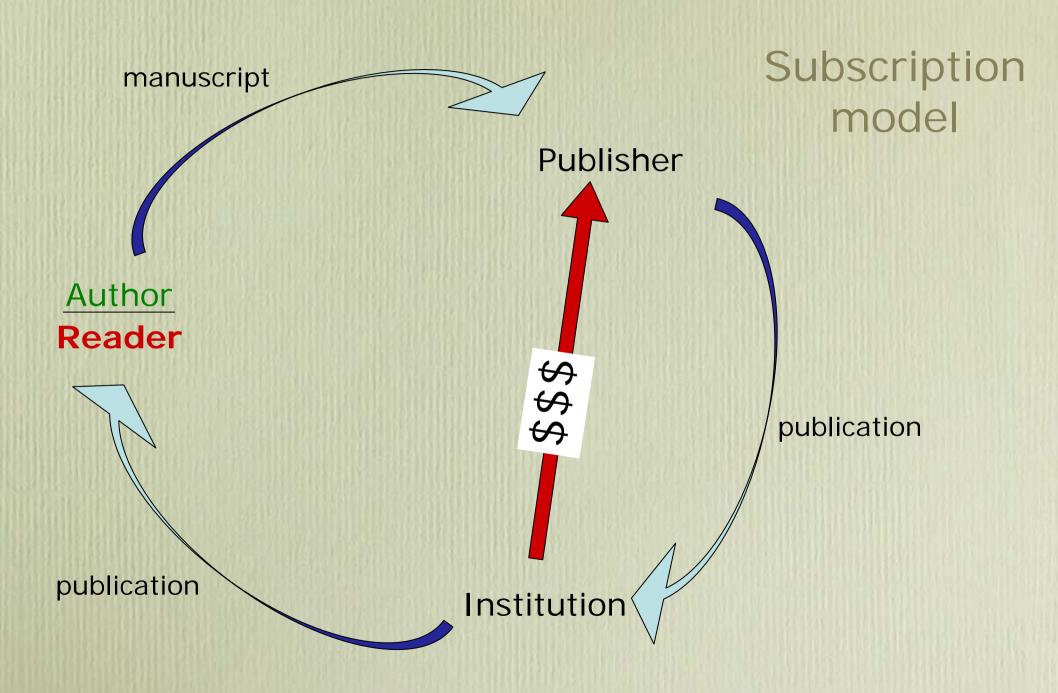
Ce document est « **tous droits réservés** ». Il est protégé par le droit d'auteur et le code de la propriété intellectuelle. Il est strictement interdit de le reproduire, dans sa forme ou son contenu, totalement ou partiellement, sans un accord écrit de son auteur.

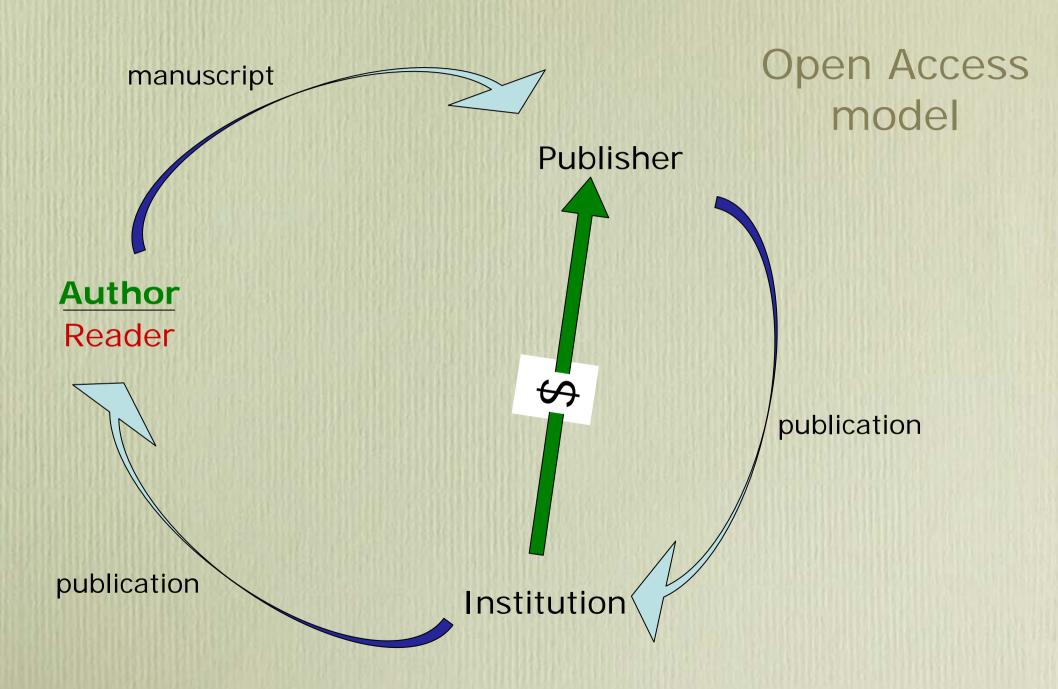
L'ensemble des documents mis en ligne par l'enssib sont accessibles à partir du site : http://www.enssib.fr/bibliotheque-numerique/

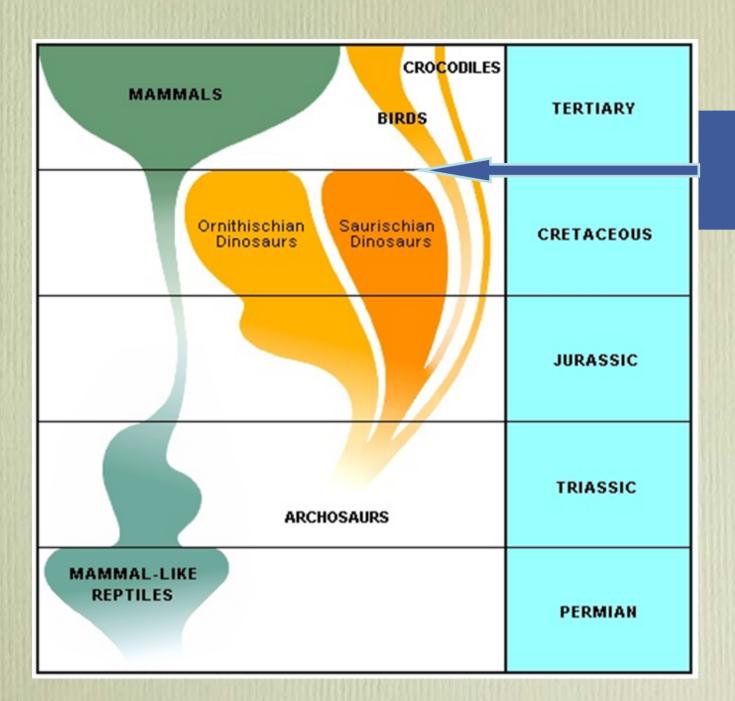
BioMed Central

Open Access is just the beginning

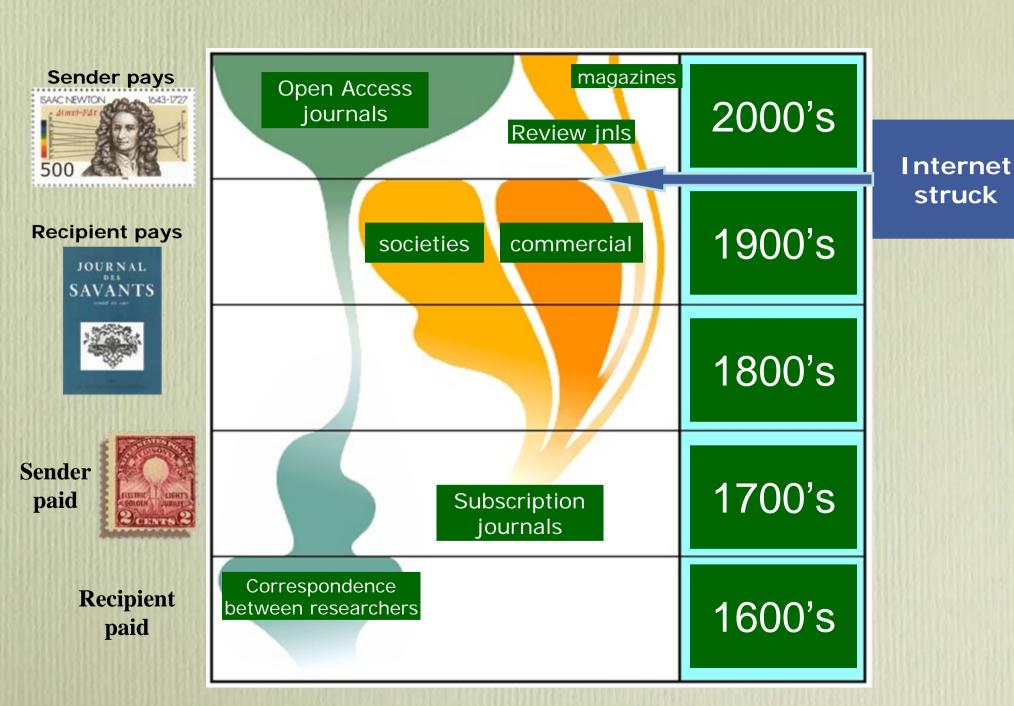
The view after 10,000 articles





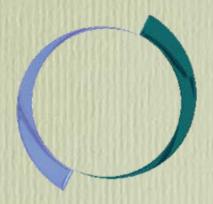


Meteor struck





BioMed Central



Full Peer Review - Immediate Publication - Open Access

BioMed Central

Context

Current Science Group

All research Open Access

Subscription access to reviews

Faculty of 1000



BioMed Central's Open Access

Immediate, free and unconstrained access to research articles via journal website and repositories

Immediate, free and unconstrained dissemination of that article, provided full and correct citation details are included



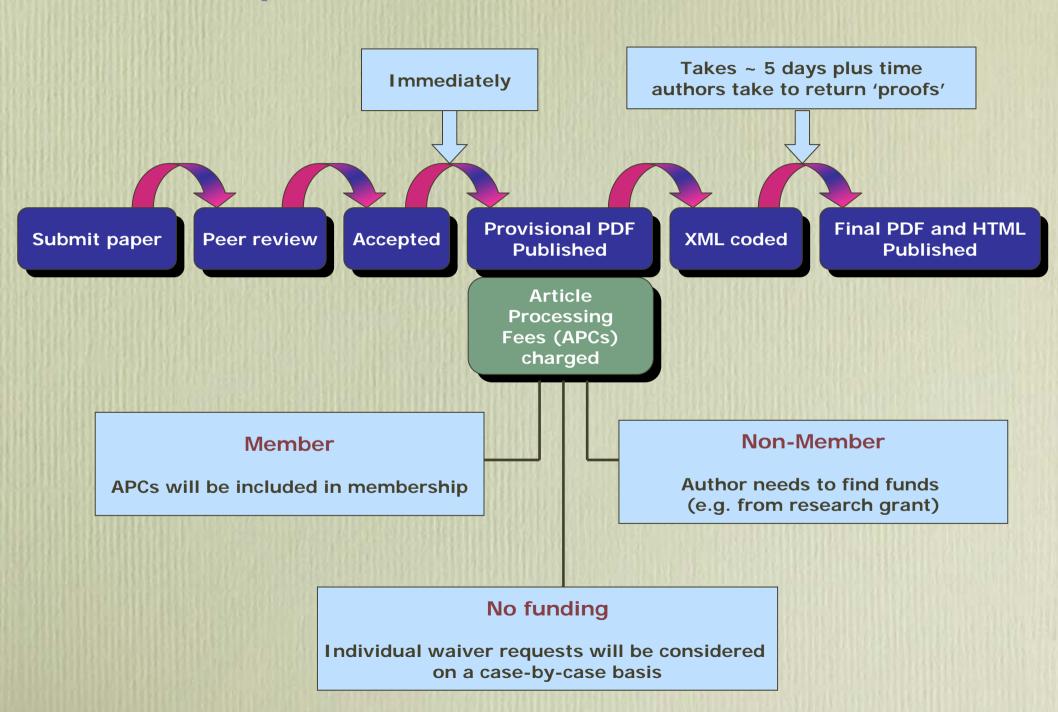
BioMed Central's Open Access

Immediate, free and unconstrained access to research articles via journal website and repositories

Immediate, free and unconstrained dissemination of that article, provided full and correct citation details are included;

this includes the right to produce and distribute an unlimited number of printed copies

Open Access at BioMed Central



"What's my data is mine and what's your data is also mine"



Sydney Brenner's definition of data mining



BioMed Central's Journals

Highly selective, general interest (1)

Selective, high community interest (6)

Specialist journals, range of interest (>100) Of which BMC-controlled: ~60

Independent: ~45 and counting



Highly selective: Journal of Biology

Editor-in-Chief: Martin Raff - Editor: Theodora Bloom

Online & print Research articles – accompanied by comments



Selective, high community interest

e.g. 'Genome Biology' - 'Arthritis Research & Therapy'

Online

Open Access to research, subscription access to reviews

Print

subscription access; reviews and research abstracts

Selective, high community interest

'BMC Medicine' - 'BMC Biology'

Online only All research - All Open Access







BMC series

- ~20 subject-specific biology titles BMC Biochemistry - BMC Structural Biology
- ~40 subject-specific medical titles BMC Anesthesiology - BMC Women`s Health
- Sound science / clinical practice
- More significant articles highlighted
- Author access to download statistics

Independent Open Access journals

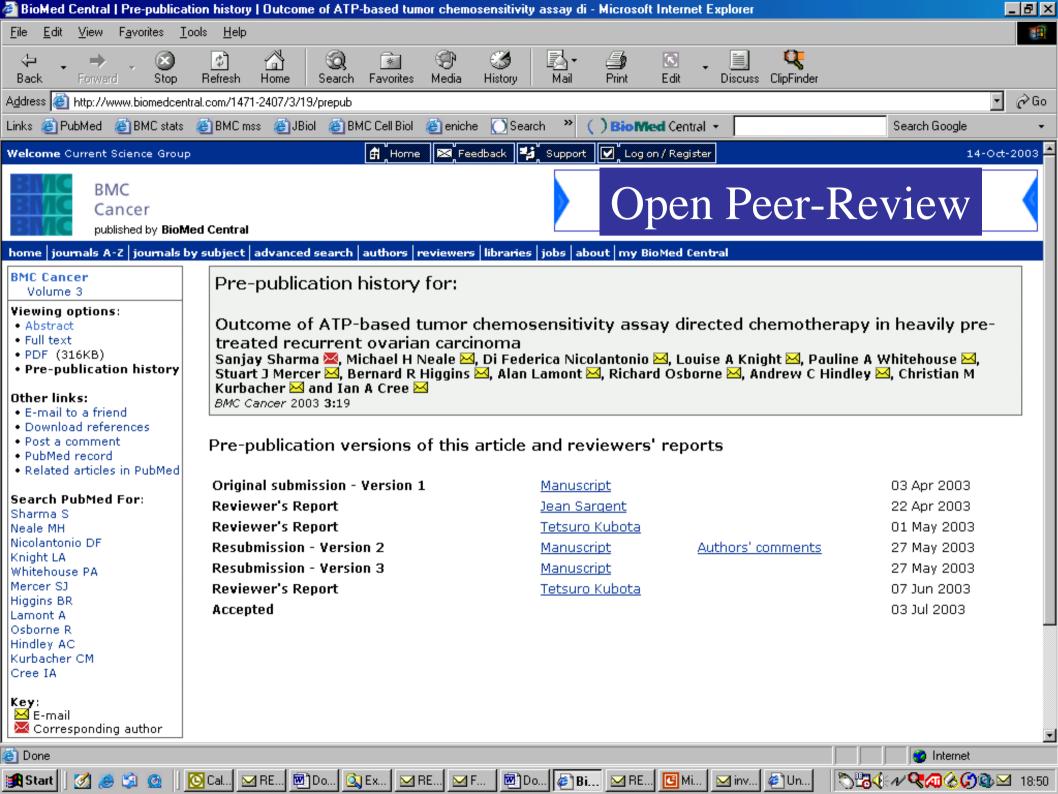
- Academic editorial group provides idea, scope, policies, and editorial functions
- BioMed Central provides publishing platform, infrastructure, web site, technical expertise, and publicity for the journal
- ~ 45 launched; regularly new launches

Some independent journals



Evaluation

- Peer review fundamental
- Standard: two experts act as reviewers and editorial boards are available to advise
- Chosen by combination of ways
- Sound data? Reasonable conclusions? How much advance in knowledge? Level of interest?
- Degree of advance and interest required depends on journal
- Open / closed peer review
 - open peer-review only for medical journals



Repositories – Archiving

WHY?

Fulfils requirement

Ensures permanence

Helps dissemination

Provides options

Facilitates text and data mining

Repositories – Archiving

WHERE?

Journal website

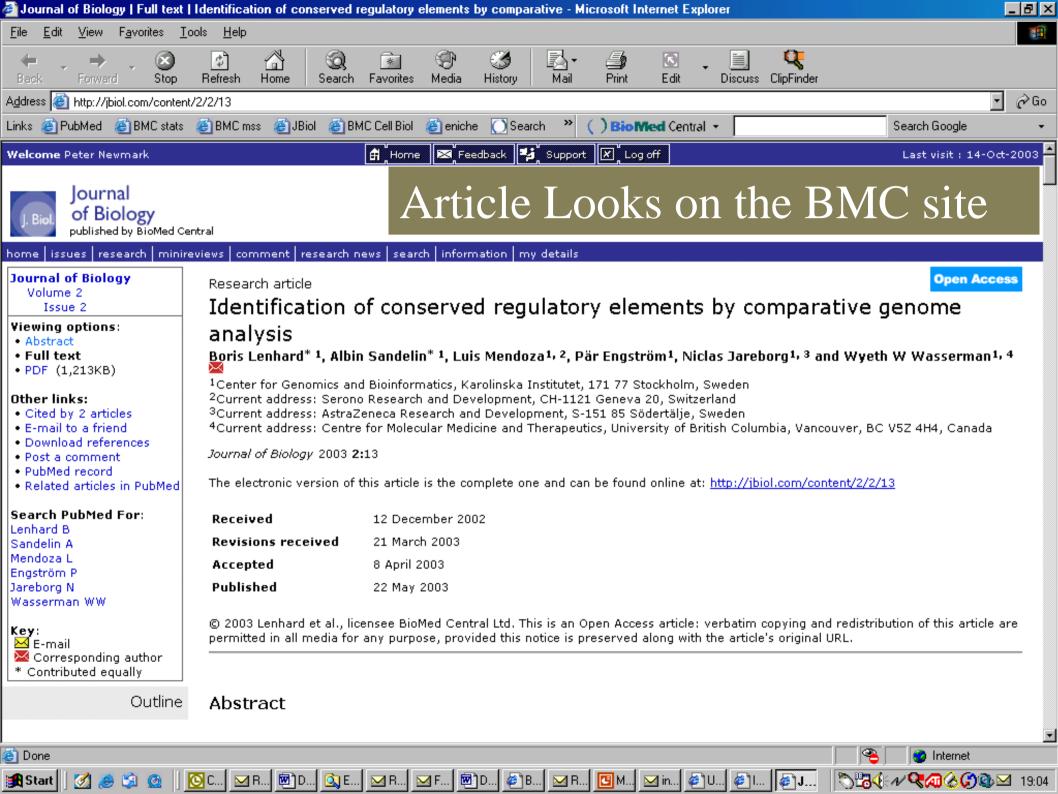
PubMed Central immediately

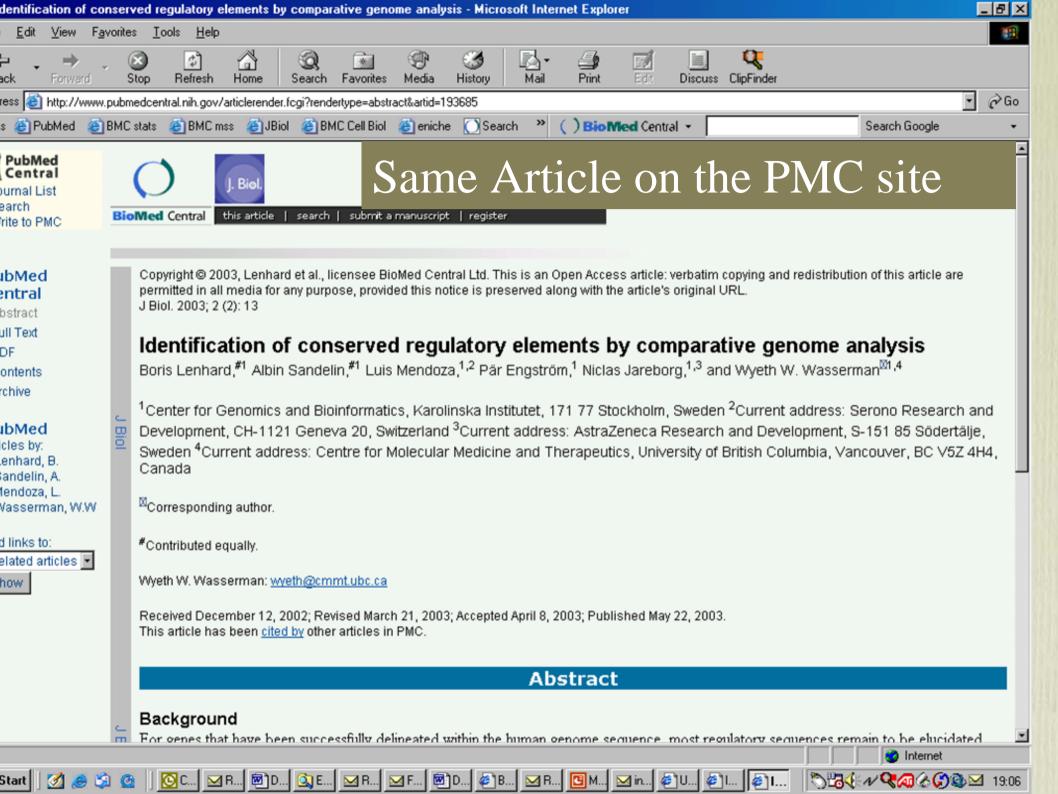
University of Potsdam

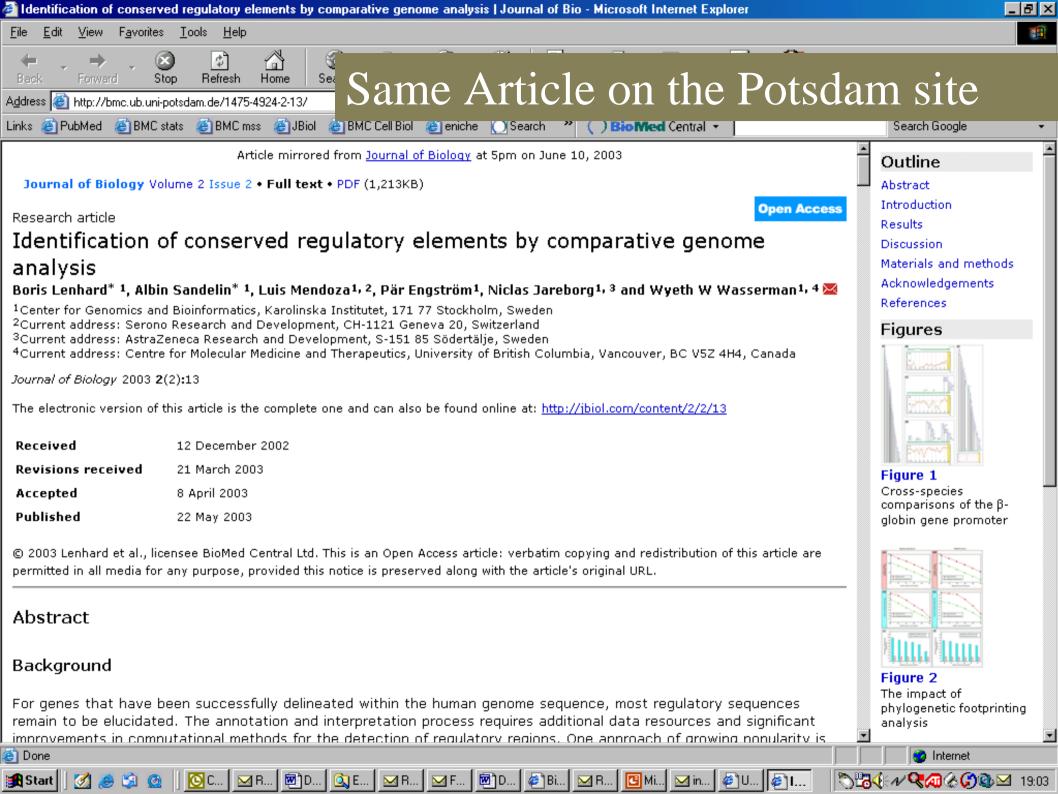
INIST-CNRS

National Library of Netherlands

Many Institutional repositories









Economics

- Costs that have to be covered
 - editorial process, production process, web site, promotion
- Charge per article
 - related to publisher cost; variables are editorial process costs and production costs
- Waivers, reduced rates
 - E.g. developing countries
- Payment options
 - · research grants, institutes, societies, 'sponsors'



Experience so far - articles (June 2004)

10,000 submitted - currently ca. 30 a day

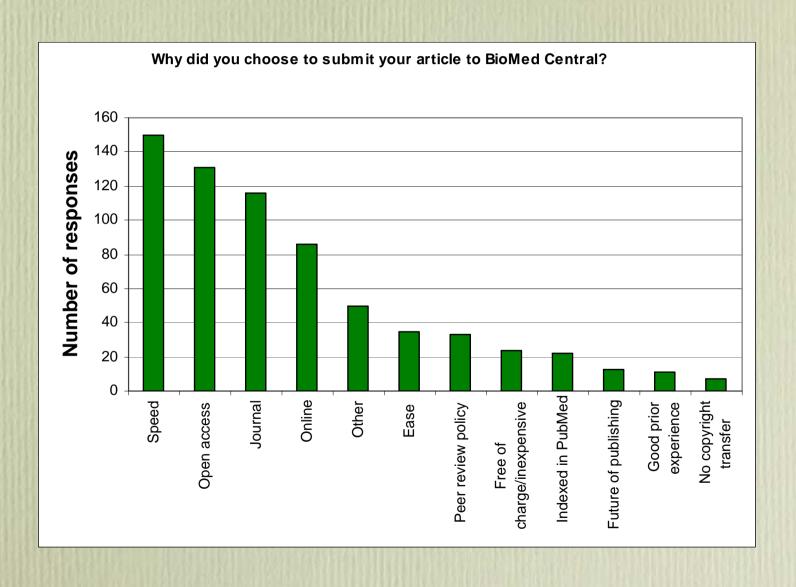
5200 published as Open Access research



Experience so far - payment (June 2004)

- Waiver requests at reasonable levels
 - most for developing countries, South America, some medical research
- \$525 (most titles) or \$1500 (JBiol)
- >400 institutional members, ~3 million researchers
 all UK universities (JISC), Max Planck Society, NIH, NHS
- Increasingly direct funders of research
 - Howard Hughes, Wellcome Trust, DFG

BioMed Central author survey



Open Access choice

Similar prestige

Archives of Biochemistry
Biochimica et Biophysica Acta (BBA)
Biochemical and Biophysical Research
Communications
Biochemical Journal

BMC Biochemistry

Open Access choice

Similar prestige

Archives of Biochemistry Biochimica et Biophysica Acta (BBA) Biochemical and Biophysical Research Communications **Biochemical Journal**

BMC Biochemistry Open Access

BIMC Bioinformatics



Research article

Open Access

The Comparative RNA Web (CRW) Site: an online database of comparative sequence and structure information for ribosomal,

Jamie J Cannonel, Sankar Subramanian^{1,2}, Murray N Schnare³, James R Collett², Lisa M D'Souza¹, Yushi Du¹, Brian Feng¹, Nan Lin¹, James R Conett*, Lisa M D Souza*, Tumn Du*, Diant Peng*, San Lin.,
Lakshmi V Madabusi 1.4, Kirsten M Müller 1.5, Nupur Plants Shang1,
Nan Yu I and Robin R Gutell* 1

747.72 DEPA, USA, SANJAROMON OF ROSING, SANDAN YANG DEPARTMENT FROM A CO. Residency, Statistics, St (morning of Narodin, Warriso, Orenia NY, ICI, Grands

f-med how | Cauche - Carcard and serventh fooder hiderances Company of the state of the sta Margar N. Schlage - and beautig to Nicholas Edica Lenna & Galley - midney Vestic Dec. yeshigks, serion eds. New Jong - Hong Beautig and serion eds. New Lindows V. Maddage - Insufferent Gredonic core, Green Id Holber - Stones Lindows V. Maddage - Insuffrent Gredonic core, Green Id Holber - Stones Countries to Residence - Enumerous Countries and Association of Parties (Paul Montg - Shanged) (MAS By William Countries Than The - Enumerous Brand and Association (Paul Montg) - Shanged Brand and Association (Paul Montg) Address of James 2002

State State State State 5.2

The work is enabled from Page Favor Incomplete of class (47 - \$105.93)

G SKE Canned as at Entered Bud'est Control Call National regard and reductation of any article we personal disrept that any purposes from some it presented disrept with a color in angular transfer that are presented disrept to any purpose.

Background, Comparating analysis of ENA sequences is the back for the desired and accounts productions of Exts solvening and the gusproduction of phylogenesis relationships for deginners that then the every phylogenetic tree. (Indulying these Economics was very large, well-Organizad, and processed disfusions of SAAA impances. This dies, starting with the impances or Second, and a quapers specification of some and splaned to testal their physical and an interest of the physical and an int or deposers of conservation and careties for organism that upon the phylogenesis area, has been and passenged or consultration and various for organized can be foreign over propagation from the transthe study of phytogenetic relationships. ENA structure, and the multiple of these two fields.

Associate We have proported a large web site that discrement our competition requires and Assessed the new property a right way and most comprising our companion required and the companion of the co the the tree observed ANAL (55, 165, and 2)5 (4)A). Validat ANAL (20AA), and one of the copies report Mile (group I and group I) are (I) Corner Congressive Stratters Hotels (I) Constructed Frequency and Communical advantageon. (1) Sequence and Squamer Date and (4) Dyca Access Systems

Conclusions: The order RNA sequence and reproduce adjunction, the result of expenses transparent the street was request any reporter assuments are reserved to account to the street of the company program and web development, is accounted to K Our Comparating RNA Wish (CEM) Six Simplifies were and consistent and it has been a necessary according to the second of the

Open Access articles are cited more often

Impact Factor 2002:

BIMC Bioinformatics

Research article

The Comparative RNA Web (CRW) Site: comparative sequence and structure infor

4.615 Jamie J Cannone¹, Sankar Subramanian^{1,2}, Murray N Schnare³, James R Collett², Lisa M D'Souza¹, Yushi Du¹, Brian Feng¹, Nan Lin¹, Lakshmi V Madabusi 1.4, Kitsten M Müller 1.5, Nupur P

Address Vacanties for Californ and Sudverter Busings, Section of European Sun. Section of 1973; 1994, freed how | Caures - Careering and serve one looks independent

Company to be the company of the best fider from a Golden where Margar is hither - see broming to himbon duting leave it Group - miles Vesle De-yeshight, series eds. Your Jong - blong mad series eds. Next Linkshot V Modeley - Insultancial verlance over. Grown in his bridge - those that many sharpet our green can be surply and arranged

Address of January 2002 \$10, Bridgeness 2003, \$2

The work is welled from heps when become of control 121-20032

© XXII Cannel or all former Bulled Control Call Statement and realist-bulled of the white we personal a say makes for any personal fine action in present along uses the article's neighbor (Eq.

Background, Comparating analysis of ENA sequences is the body for the despited and accurate productions of RAM solvening and the questionation of phylogenesis, introduction and accounts the decimal and the production of phylogenesis relationships for decimality. that you the every phylogenetic time. Underlying these Econophysioners are easy large, well-Organizad, and processed disfusions of SAAA sequences. This dies, stancing with the sequences or product into a dissipate mentionment system and highest to reveal their highest order structure. or deposers of conservation and variation for organisms that upon the phylogenesis area, has been and passenge or consumation and various for organized concepts the propagation with the passenger of the contraction can be fundamental for each have an industrial and the study of phytogenetic relationships. ENA structure, and the multiple of these two fields.

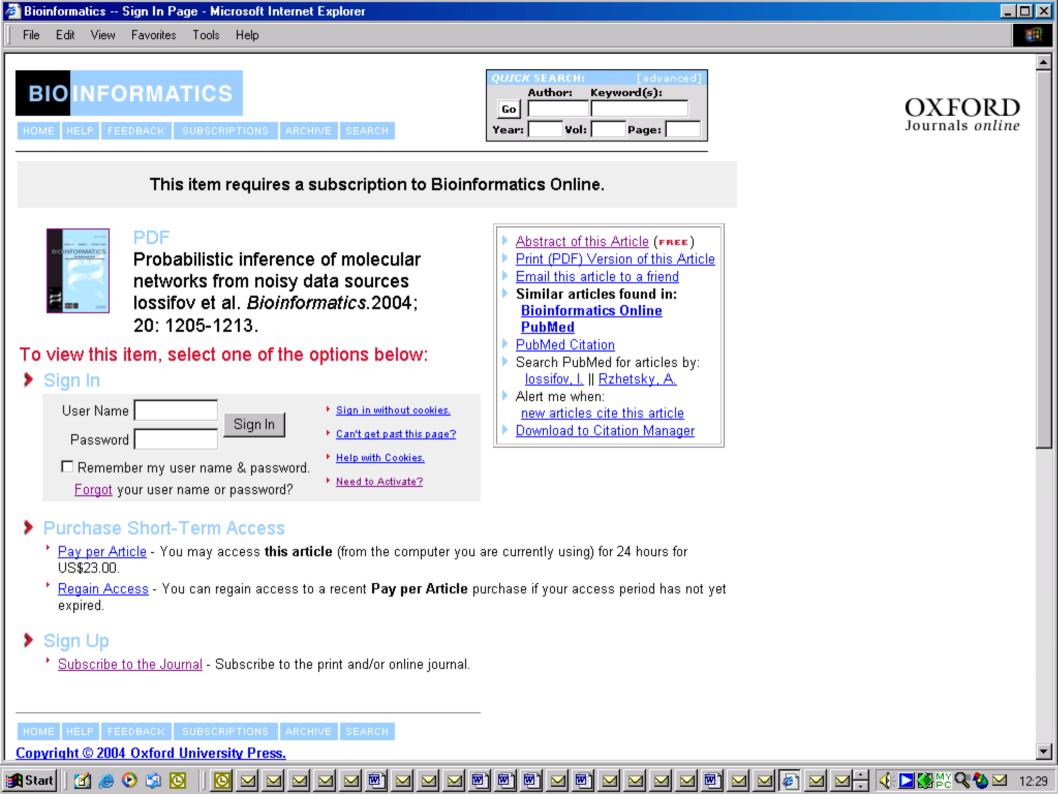
Associate We have proported a large web site that discrement our competition requires and resource exploit and data. The tipe major open of comparative information and sponton resibility for the Owner of the ANAL (16, 16), and 215 (ANA). Value ANA (MAA), and two of the costyle report Mide (group I and group 8) are (1) Corners Comparative Street, and may be see Suppose Frequency and Commission Principles (I) Supposes and Squares Date and (6) Dyca Access Systems

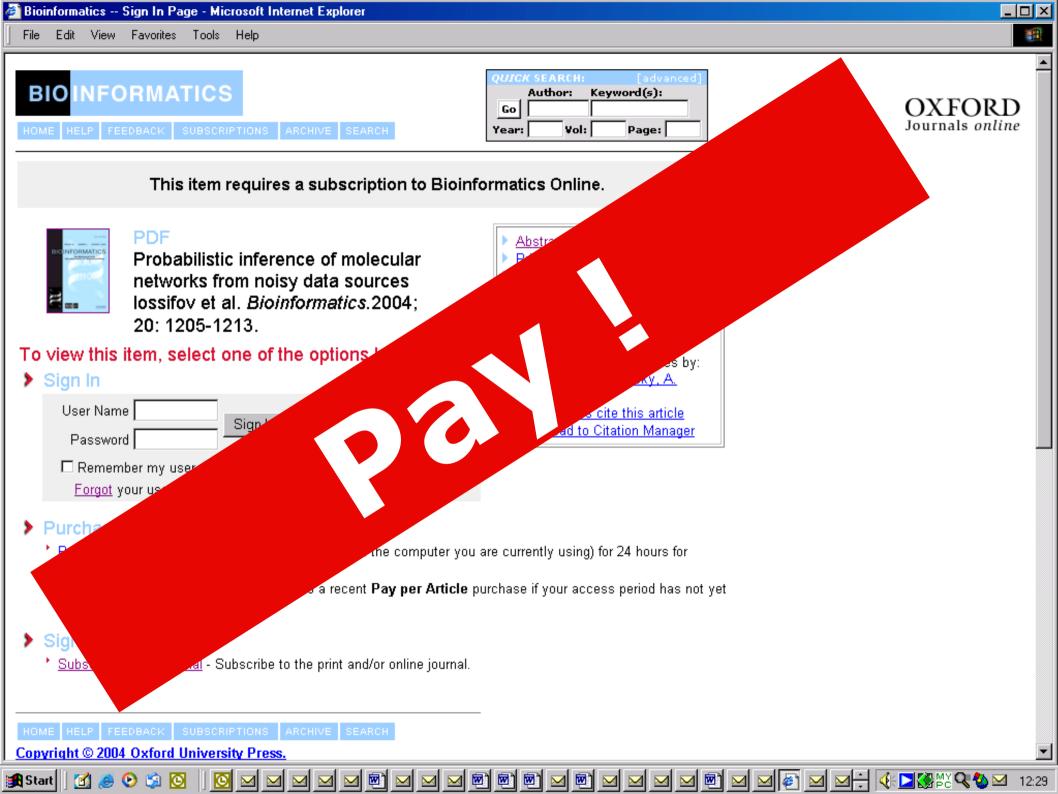
Conclusions: The order SNA sequence and reprince information, the result of engentre trafact, prosperation, dies collected, and company program and und displayment, is accounted active and state and comment are proportioned as a property of the property of depend of elements will be added to those entiring congress, New Conserves will be developed, and additional Noble will be maded and presented as the CRW Sea.

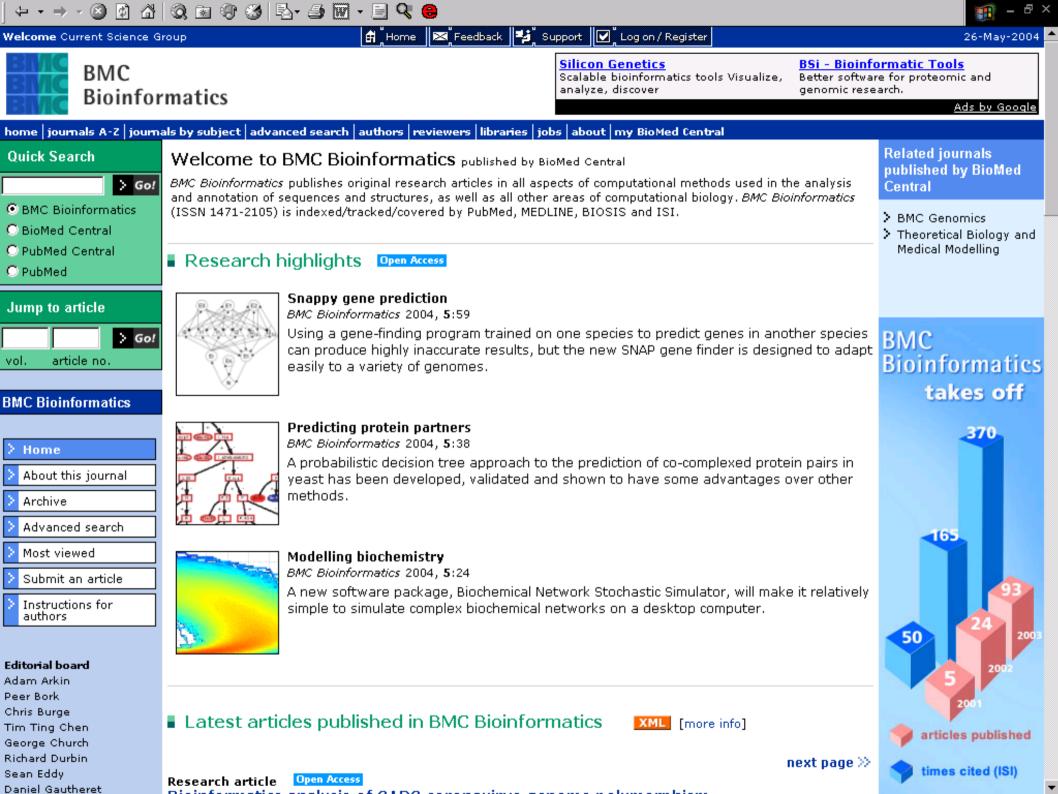
BMC Bioinformatics

Bioinformatics (OUP)

Open Access articles are cited more often













Open Access now

Campaigning for freedom of research information





www.biomedcentral.com

Open Access