



Bioline International and the Journal of Postgraduate Medicine: A Collaborative Model of Open Access Publishing

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Goals with Bioline International

- Improved visibility, accessibility, and availability of science - Making The Lost Science Visible
- Create alternative low-cost and collaborative model of scholarly publishing that is also *portable*
- Assist in technology transfer and human resource development

Flow of information

- North to South is important for South
- Is South to North important for North?
- Probably yes:
 - Tropical and infectious diseases including HIV
 - Alternative including herbal medicine
 - Epidemiological data
 - Epidemics and new diseases
 - Global control/eradication of diseases

Partners

- **CRIA – Centro de Referência em Informação Ambiental (Campanis, Brazil) (Reference Center for Environmental Information)**
- **Publishers from Africa, Latin America, and South Asia**
- **University of Toronto Library**

Journals

- **African Crop Science Journal**
African Crop Science Society
- **African Journal of Biotechnology**
FREE **NEW**
Academic Journals
- **African Journal of Food and Nutritional Security** **FREE**
Quest and Insight Publishers and Friends-of-the Book Foundation
- **African Journal of Neurological Sciences** **NEW**
Pan African Association of Neurological Sciences
- **African Population Studies** **FREE**
Union for African Population Studies
- **Agricultura Técnica (Chile)** **FREE** **NEW**
Instituto de Investigaciones Agropecuarias, INIA (Chile)
- **Australasian Biotechnology (backfiles)** **FREE**
AusBiotech
- **Biofilm Journal** **FREE**

Search all journals for

- **East African Medical Journal** **NEW**
Kenya Medical Association
- **Ichthyological Bulletin** **FREE**
J.L.B. Smith Institute of Ichthyology
- **Insect Science and its Application**
International Centre for Insect Physiology and Ecology (ICIPE), Kenya
- **Journal of Culture Collections** **FREE**
National Bank for Industrial Microorganisms and Cell Cultures
- **Journal of Postgraduate Medicine** **FREE** **NEW**
Medknow Publications and Staff Society of Seth GS Medical College and KEM Hospital, Mumbai, India
- **Memórias do Instituto Oswaldo Cruz** **FREE** **NEW**
Fundação Oswaldo Cruz, Fiocruz
- **Special Publication** **FREE**
J.L.B. Smith Institute of Ichthyology
- **The Journal of Food Technology in Africa** **FREE**
Innovative Institutional Communications

Bioline International

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Journal of Postgraduate Medicine

Medknow Publications and Staff Society of Seth GS Medical College and KEM Hospital, Mumbai, India

Search all issues for

Available issues



year	vol	numbers
2002	48	Num 1 Num 2
2001	47	Num 1 Num 2 Num 3 Num 4

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Journal of Postgraduate Medicine

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- **Started in 1955**
 - **Publication of Staff Society of GS Medical College and KEM Hospital, India**
 - **Covers basic and clinical sciences**
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Problems with journals from DC

- **Poorly represented in bibliographic databases (less than 1% in ISI)**

Low circulation and non-indexing



Poor visibility



Lower citations and Impact factor



Less subscribed and Poor visibility

Efforts to go online individually



- **Financial issues**
- **Technical issues**
- **Single journal sites**
 - **Can provide only up to few hundreds of articles**
 - **No additional information**
 - **No hyperlinking**
 - **Less interactivity**

Collaboration provides

- **Shared resources and technology**
- **Tested technology**
- **Acts as PubMedCentral for less developed countries**
- **Cross-linking and hyper-linking**
- **Advantage of established ranking and search positions**



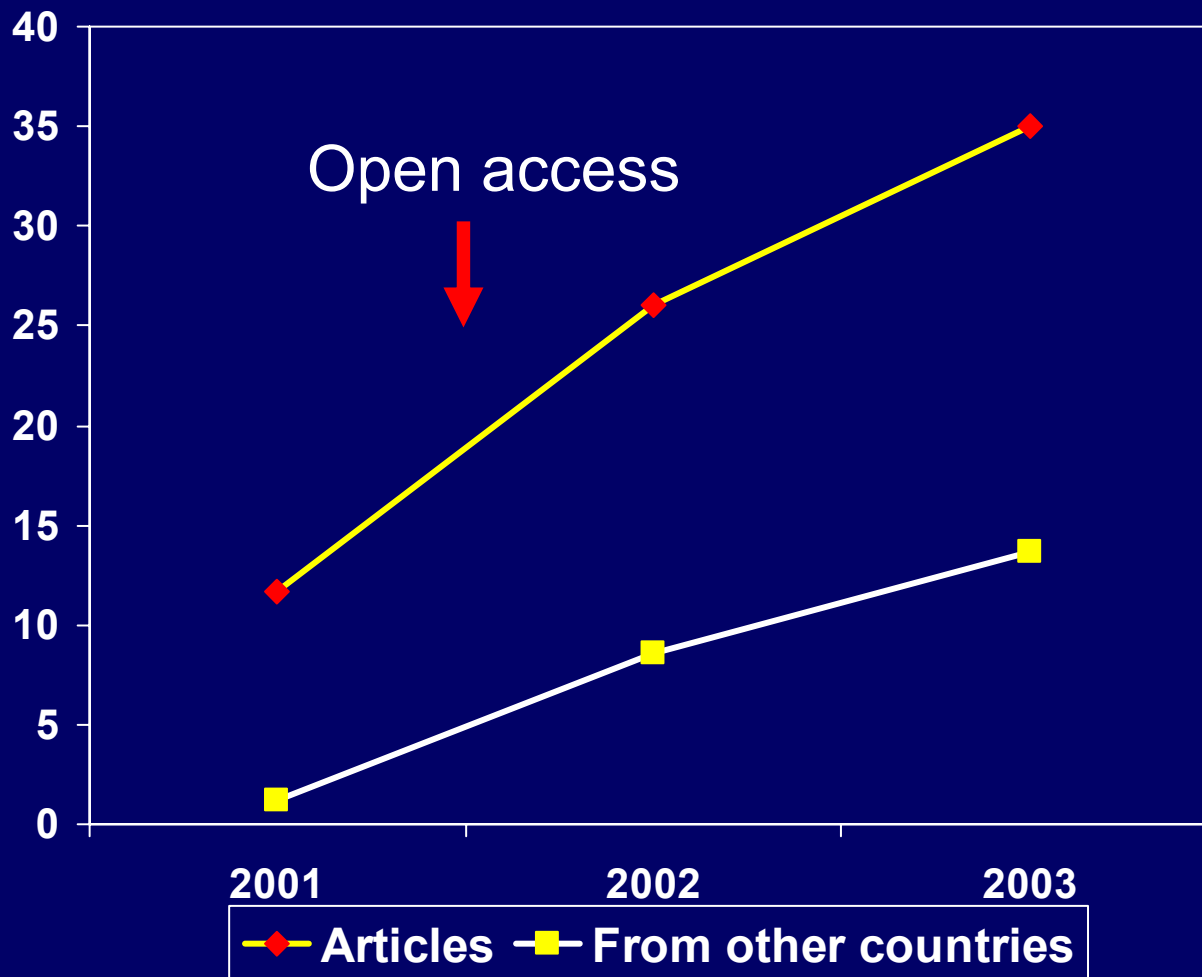
Role of JPGM in collaboration

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- **Content**
 - **Promotion**
 - **Linking from PubMed as LinkOut**
 - **Technology transfer**
 - **Encouraging other journals**
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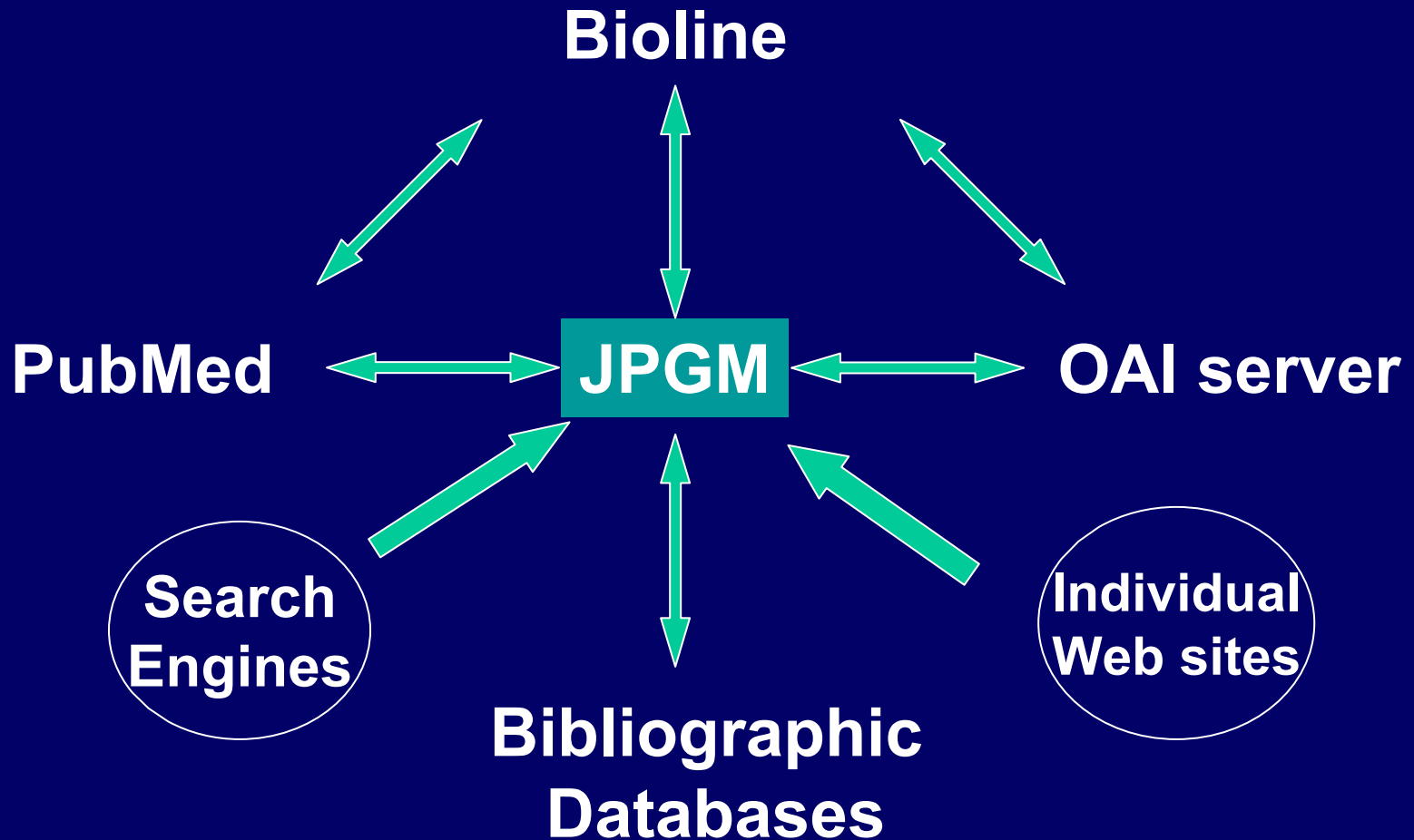
What we achieved with open access

- **More than one copy of our full text openly available**
 - Archives the published data
- **More visibility and readers**
 - More citations
 - More article submission
 - Articles from all around
- **International recognition**

Article submission per month





Circle of Accessibility







Partnership issues

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- **Data transfer**
 - **Maintenance and updates**
 - **Copyright issues**
 - **What if such collaboration breaks?**
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Lessons Learned

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- **Open access journals - increased accessibility, visibility and impact**
 - **Non-open access journals - not yet**
 - **Need to consider new sustainability models**
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Future Plans

- **Expand the number of journals**
- **Promotion to library consortia**
- **Open access for all journals**
- **XML for full text**
- **Multilingual capability**
- **More sophisticated reference linking**

... Future plans

- **Become OAI compliant**
- **Integration with Eprints server**
- **Improve user interface**
- **Better tracking of usage pattern -
Ptolomy Project**
- **Multiple mirror sites for Bioline -
India, Africa**

Conclusions

- **Journals should be self-sustainable**
- **Collaborations should be well supported by International agencies**
 - **UNESCO, ICSU, CODATA, ICSTI, OSI**

Please visit
<http://www.bioline.org.br>