

## An initiative of the World Health Organization (WHO) in collaboration with:

### HINARI PARTNERS

- *World's leading biomedical publishers<sup>1</sup>*
- *Yale University Library*
- *International Association of Scientific, Technical and Medical Publishers (STM)*
- *UNICEF/UNDP/World Bank/WHO Special Programme for Research and Training in Tropical Diseases (TDR)*
- *US National Library of Medicine (NLM)*
- *Food and Agriculture Organization (FAO)*
- *Cornell University, Mann Library*

### WHAT IS HINARI?

The Health InterNetwork Access to Research Initiative (HINARI) provides free or very low-cost online access to 3,300 major journals in biomedical and related social sciences to local, non-profit institutions in developing countries. HINARI was launched in 2002 and is one of the world's largest collections of biomedical and health literature. There are presently 2000 institutions in 106 countries registered for HINARI. During 2005, users at these institutions downloaded over 3,500,000 articles. There are 113 countries eligible for HINARI.

### BACKGROUND

HINARI was developed in the framework of the Health InterNetwork, introduced by the United Nations' Secretary General Kofi Annan at the UN Millennium Summit in 2000. Led by WHO, the Health InterNetwork aims to strengthen public health services by providing public health workers, researchers and policymakers access to high-quality, relevant and timely health information, via the Internet. HINARI works collaboratively with a sister online information delivery program in agriculture, called AGORA<sup>2</sup> (Access to Global Online Research in Agriculture), which is led by the FAO. This collaboration between the agriculture and health sectors is resulting in cost savings for systems development and efficiencies in training and outreach.

### HINARI CONTENT

Over 3300 journals in: basic science, biochemistry, biotechnology, cardiology, clinical medicine, dentistry, education, environmental sciences, ethics, general medicine, geriatrics, immunology, infectious diseases, microbiology, nursing/allied health, nutrition, OB/GYN, oncology, parasitology, pediatrics, social sciences, surgery, toxicology, tropical medicine, and zoology.

### THE HINARI SYSTEM

HINARI offers a simple and effective user interface over the web, serving as a gateway to full-text journal articles at Publisher Partners' websites. HINARI users can search and access full-text articles available through HINARI directly from the Pubmed (Medline) database. WHO is responsible for management and maintenance of all functions of the HINARI website, with the support of Yale University Library. HINARI and AGORA share fundamental design and systems elements, which enhances ease of use and promotes cross-sectoral browsing and searching.

<sup>1</sup> *Founding Partners:* Blackwell, Elsevier Science, the Harcourt Worldwide STM Group, Wolters Kluwer international Health & Science, Springer Verlag and John Wiley. As of May 2005, close to 70 publishers are contributing content to HINARI.

<sup>2</sup> For more information visit the AGORA website at [www.aginternetwork.org](http://www.aginternetwork.org) or email [agora@fao.org](mailto:agora@fao.org)

## Health InterNetwork Access to Research Initiative

### ELIGIBILITY FOR HINARI

Potential users are required to register with WHO. This can be done online at the HINARI website. The HINARI Publisher Partners have opened access to eligible organizations in Phase 1 countries for free. The 69 countries in Phase 1 generally have an annual GNP per capita of US\$1000 or less. Forty-four Phase 2 countries may access the entire collection of 2900 journals for an annual subscription (January-December) of US\$1,000 per institution. These countries have an annual GNP per capita of US\$1000-\$3000. Individual Publisher Partners reserve the right to add to or delete from this list.

Eligible categories of institutions are: national universities, research institutes, professional schools (medicine, nursing, pharmacy, public health, dentistry), teaching hospitals, government offices and national medical libraries. All staff members and students are entitled to have access to the journals.

### ELIGIBLE COUNTRIES, AREAS and TERRITORIES

Phase 1 (free access)			Phase 2 (low-cost access)	
Afghanistan	Guinea	Sao Tome and Principe	Algeria	Maldives
Albania	Guinea-Bissau	Senegal	Belarus	Marshall Islands
Angola	Guyana	Sierra Leone	Belize	Morocco
Armenia	Haiti	Solomon Islands	Bolivia	Namibia
Azerbaijan	Honduras	Somalia	Boznia-Herzegovina	Panama
Bangladesh	Kenya	Sudan	Bulgaria	Paraguay
Benin	Kiribati	Tadjikistan	Cape Verde	Peru
Bhutan	Kyrgyzstan	Timor-Leste	Colombia	Romania
Burkina Faso	Lao People's Dem Rep	Togo	Costa Rica	Saint Vincent and the Grenadines
Burundi	Lesotho	Tokelau	Cuba	Samoa (Western)
Cambodia	Liberia	Turkmenistan	Dominican Republic	Serbia - and - Montenegro
Cameroon	Madagascar	Tuvalu	Ecuador	Suriname
Central African Republic	Malawi	Uganda	El Salvador	Swaziland
Chad	Mali	Ukraine	Equatorial Guinea	Syrian Arab Republic
Comoros	Mauritania	United Rep of Tanzania	Federated States of Micronesia	The Former Yugoslav Rep of Macedonia
Congo	Mongolia	Uzbekistan	Fiji	Tonga
Côte d'Ivoire	Mozambique	Viet Nam	Guatemala	Tunisia
Dem Rep of Congo	Myanmar	Yemen	Iraq	Vanuatu
Djibouti	Nepal	Zambia	Jamaica	Wallis and Futuna
Eritrea	Nicaragua	Zimbabwe	Jordan	West Bank and Gaza
Ethiopia	Niger		Kazakhstan	
Gambia	Nigeria		Kosovo	
Georgia	Papua New Guinea		Latvia	
Ghana	Rep of Moldova		Lithuanie	
	Rwanda			

### OUTREACH AND TRAINING

Capacity building and outreach are critical components of the HINARI initiative, which ensure that individuals in participating organizations can access and use HINARI effectively. The partners supporting the development of both AGORA and HINARI are collaborating to develop a joint international training and reference/ technical support system, and are conducting "train-the-trainers" workshops at national and sub-national levels, with a special focus on Africa. The UNICEF/UNDP/ World Bank/WHO Special Programme on Research and Training in Tropical Diseases (TDR) has organized multi-regional HINARI training workshops for librarians and researchers, produced a CD-ROM of multi-lingual training materials, and provides infrastructure grants for targeted institutions to help them use HINARI effectively.

### TECHINICAL REQUIREMENTS

Users must have at least a 56 kbps Internet connection. HINARI is designed to work best with Internet Explorer version 4.0 or higher, or Netscape version 4.5 or higher. Users will also need Adobe® Reader® to view PDF journal articles.

**For more information visit <http://www.who.int/hinari>, or email the HINARI Team at [hinari@who.int](mailto:hinari@who.int)**