



# ICMR LIBRARY BULLETIN

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## Contents

- ❑ Brief Introduction of ICMR Hqrs. Library
- ❑ Library Committee
- ❑ Library & Information Services/Activities
- ❑ SARS: Bibliography
- ❑ Indian Library Sites
- ❑ List of Journal Websites
- ❑ List of Biomedical/Medical Websites
- ❑ List of Core Journals with high impact factor available in ICMR Hqrs. Library (IF 2002)
- ❑ CD-ROM databases in Biomedical & Health related fields
- ❑ Recent Additions-2003
- ❑ Workshops/Trainings held 2001-2003



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**Prof. N.K. GANGULY**

MD, FRC Path. (London), FAMS,  
FNA, FASc, FNASc  
Director General

## Message

1.01.2004

I am extremely happy to keep on record the contribution of ICMR Hqrs. library in bringing out a bulletin covering all the current activities of the library. I am also happy to learn that the modernization of ICMR Library Network, initiated by the Council just four years ago, has transformed the Council's libraries including Hqrs. library into vibrant information resource centres by providing them with all the necessary basic facilities as also the state of the art library management software, full text electronic databases, among others. This exercise is being coordinated by ICMR Hqrs. Library under the able guidance of Dr S.S.Murthy, doyen of library and information science, former Director of DESIDOC & Chairman Advisory Committee on Modernization of ICMR libraries. Compilation of the *combined holdings list of periodicals / serials of all the ICMR libraries* is really praise-worthy. The ICMR Hqrs Library needs to be complimented for this project. Equally commendable is the preparation of the *Manual of procedures for management of libraries and information centres of ICMR*. Hopefully this manual will take care of the day to day functioning of the libraries. With the effort on part of Dr K.Satyanarayana, Chief (P&I) and the person behind this modernization exercise, now we have a separate dedicated budget head for the ICMR libraries. As part of the resource sharing among Council's libraries, efforts are being made to finalize the best possible option in the consortia mode.

I once again compliment all the ICMR Hqrs. people closely associated with onerous task of modernization exercise of the Council's Libraries and Information Network. I wish the ICMR Head quarters library all success in the future endeavors.

**Prof. N.K. Ganguly**

## Foreword

The active and continuing interest of our present DG, in modernizing the ICMR Libraries & Information Centres is both heartening and encouraging. In one of the Advisory Committee meetings on Modernization Prof. N. K. Ganguly, mentioned librarians are the key personnel in any institute and they can shape the mind of any scientist. He therefore advised the library professionals present in the meeting to acquire newer skills / knowledge continuously in view of the rapidly changing technological developments, to serve scientists better. He assured all necessary help in the efforts to improve the ICMR libraries.

Extra funds have been released under the modernization programme for all the ICMR institutes and all libraries have since been equipped with basic equipment like PC, PPC and Medline and other databases. During the financial year 2001-2002 funds to the tune of Rs. 20 lakhs have been released to Institutes for purchase of library software. Extra funds to the tune of Rs. 5 crores have also been released for the purchase of books & journals during 2000-2003. I would like to acknowledge the help and cooperation of Sh. P.D. Seth, Financial Advisor in this endeavor. Without the co-operation and support of the finance division, it would not have been possible to take up this exercise of modernization of ICMR library and information network. The main thrust and focus is to change the concept of conventional ICMR libraries into digital libraries in the near future to meet the growing demands of information in this cyber era.

K. Satyanarayana  
Chief (P&I)  
ICMR

## Brief Introduction of ICMR Hqrs. Library

The ICMR Hqrs Library has initially started its functioning as storage house of a few books. By the year 2003 the Library has shifted its role from a storage house to a modernized Information Center.

At present the Library has a collection of over 20,000 volumes. [Books (7000) Bound Journals (13,000)]. It has been receiving important current serials from all over the globe of over 150. Most of the journals are received in exchange with the Indian Journal of Medical Research. Specifically, about 50 journals are obtained on exchange basis and another 90 on complimentary basis. ICMR library subscribes only 2 Indian and 7 Foreign Journals.

The ICMR Library caters to the needs of scientists of the Council, medical professionals, researchers from within and outside Delhi.

Among the publications of WHO received by the ICMR Library the major demand is for WHO TRS, SEARO publications, and Environmental Health criteria. Many medical professionals and researchers visit the library especially for rich collection on nutrition (reports of NNMB), ICMR and WHO publications.

As part of the ongoing modernisation exercise, the library has

changed its face by procuring Computers, Laser Printers and Heavy duty Photocopier. A separate dedicated Internet connection for the Library and Library management software has been installed for gearing up to meet the growing demands of modern day Information requirements in this fast changing cyberage.

The Library is also subscribing for Medline CDs and Journal Citation Reports. The Library has Medline CDs since its inception. Users are showing a lot of interest to scan the CDs on specific topics for their day to day requirements. Ovid Full text Database has also been installed in the library.

Library has affiliated to the DELNET (Developing Library Network). Library can access to various databases like Union Catalogue of Books and Periodicals, *etc.* of various libraries.

Space is the main constraint of the Library. A lot of unwanted loose old journals and books have been weeded out from the library to create some space for the new books. Because of the shortage of space the library is procuring CDs of multi volume books instead of print version. Attempts are underway to have modular furniture in the Library.

### Library Staff

- Assistant Library & Information Officer
- Library & Information Assistant
- Assistant (from administrative staff)
- Library Clerk (two)
- Jr. Library Attendant

## Library Committee

### Members of Library Committee

- Dr. K. Satyanarayana, Chief (P&I) & *Convener*
- Dr Q.B. Saxena, DDG (SG), ECD
- Dr D.K. Shukla, DDG (SG), NCD
- Sh. Shiv Kumar, DDG, RHN
- Dr Vijay Kumar, DDG, BMS
- Nominee of Sr. DDG (Admn.)
- Sh. G.D. Sharma, ACO

### Functions of the Committee:

- Purchase of Books
- Purchase of Journals
- Purchase of Furniture and Equipment
- Matters relating to General Maintenance and Upkeep of the Library
- Other Policy matters

### Advisory Committee to modernize the facilities and infrastructure of ICMR Library and Information Network

Dr. S.S. Murthy, *Chairman*  
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Dr K. Satyanarayana,  
Chief (P&I)  
ICMR, New Delhi-110029

## Mandate of the Committee

- Suggest means of automating the various library operations like indexing, issue and return of books, reminder system, inventory control of exchange of publications *etc.*
- within and outside the Council.
- To formulate appropriate policy guidelines for ICMR Libraries in respect of library functioning, personnel policies, purchase policy *etc.*
- To study and suggest means of upgrading and modernizing libraries of various ICMR Institutes and create a network among these libraries.
- To provide the latest biomedical information from print and electronic databases to users
- Network with other Information Centres within and outside Delhi carrying out similar work.
- Examine the need for and augmenting the number and professional capability of the library personnel and also their service conditions. Also, suggest means of training them to handle the latest information technology tools as also the need and necessity of using the expertise of Consultants in this area.

### ICMR Libraries & Information Centres (Categorywise as per the Chattopadhyaya Committee recommendations) as done during 1998

S.No	Institute
<i>Category I</i> Libraries	
1	CRME, Madurai
2	EVRC, Mumbai
3	ICPO, New Delhi
4	NARI, Pune
5	RMRC, Dibrugarh
6	RMRC, Port Blair
<i>Category II</i> Libraries	
7	DMRC, Jodhpur
8	ICMR Hqrs., New Delhi
9	IRMS, New Delhi
10	IIH, Mumbai
11	IOP, New Delhi
12	MRC, Delhi

13	NIE, Chennai
14	NIOH, Ahmedabad
15	RMRI, Patna
16	RMRC, Bhubaneshwar
17	RMRC, Jabalpur
<i>Category III</i> Libraries	
18	CJIL, Agra
19	NIRRH Mumbai
20	NICED, Kolkata
21	TRC, Chennai
22	VCRC, Pondicherry
<i>Category IV</i> Library	
23	NIN, Hyderabad
<i>Category V</i> Library	
24	NIV, Pune

## Library & Information Services /Activities

- *Recent Additions:* Circulation of recent additions to ICMR Library to Divisional Chiefs and members of the Library Committee. Also, this is displayed on the Notice Board of the Library.
- *Reprography:* Supplying of photocopies of research articles from core medical Journals like Lancet, BMJ, NEJM, Nature Medicine etc. to Director-General and Divisional Chiefs on demand and in anticipation of specific demands.
- *Inter Library Loan:* Providing books/journals on Inter Library Loan to over 70 scientists of the Hqrs. from Delhi – based ICMR Institutes, NML and AIIMS.
- *Literature Search:* This service is provided on demand for scientists of the Council and out side visitors (mainly medical professionals) from the resources available within the library.
- *Medline Search:* Medline searches are done on demand. Users can also search the Medline CDs on their own, as separate PC is provided to the users.
- *Internet:* A separate Internet facility through ISDN line has been installed to provide uninterrupted access to the users.
- *Ovid Full Text Electronic Database:* It (covers 61 journals from the year 1995) has been installed in the library and provides photocopy of articles required by ICMR Institutes based in northern region including Delhi.

## SARS: Bibliography

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2. Booth CM, Matukas LM, Tomlinson GA, Rachlis AR, Rose DB, Dwosh HA, et al. Clinical features and short term outcomes of 144 patients with SARS in the Greater Toronto area. *JAMA* 2003; 289: 2801 – 9
3. Chan-Yeung Moira, Yu WC. Outbreak of severe acute respiratory syndrome in Hong Kong Special Administrative Region: case report. *BMJ* 2003; 326: 850 – 2
4. Donnelly Christl A, Ghani Azra C, Leung Gabriel M, Hedley Anthony J, Fraser Christophe, Riley Steven et al. Epidemiological determinants of spread of causal agent of severe acute respiratory syndrome in Hong Kong. *Lancet* 2003; 361: 1761 – 66
5. Drazen Jeffrey M. SARS – Looking back over the first 100 days. *N Engl J Med* 2003; 349: 319 – 20

6. Drosten Christian, Gunther Stephan, Preiser Wolfgang, Werf Sylvie van der, Brodt Hans – Reinhard, Becker Stephan, et al. Identification of a Novel Coronavirus in patients with severe acute respiratory syndrome. *N Engl J Med.* 2003; 348: 1967–76.
7. Fowler Robert A, Lapinsky Stephen E, Hallett David, Detsky Allan S, Sibbald William J, Slutsky Arthur S, et al. Critically ill patients with severe acute respiratory syndrome. *JAMA* 2003; 290: 367-73.
8. Hon KLE, Leung CW, Cheng WTF, Chan PKS, Chu WCW, Kwan YW, et al. Clinical presentations and outcome of severe acute respiratory syndrome in children. *Lancet* 2003 ; 361: 1701 – 3.
9. Ksiazek Thomas G, Erdman Dean, Goldsmith Cynthia S, Zaki Sherif R, Peret Teresa, Emery Shannon, et al. A Novel Coronavirus associated with severe acute respiratory syndrome. *N Engl J Med.* 2003; 348: 1953-66
10. Lee Nelson, Hui David, Wu Alan, Chan Paul, Cameron Peter, Joynt Gavin M, et al. A major outbreak of severe acute respiratory syndrome in Hong Kong. *N Engl. J Med* 2003; 348: 1986 - 94
11. Lew TWK, Kwek Tong –Kiat, Tai Dessmon, Earnest Arul, Loo Shi, Singh Kulgit, et al. Acute respiratory distress syndrome in critically ill patients with severe acute respiratory syndrome. *JAMA* 2003; 290: 374 – 80.
12. Lipsitch Marc, Cohen Ted, Cooper Ben, Robins James M, Ma Stefan, James Lyn, et al. Transmission dynamics and control of severe acute respiratory syndrome. *Science* 2003; 300: 1967 – 0.
13. Loletta K-Y SO, Arthur CW Lau, Loretta Y C Yam, Cheung Thomas MT, Poon Edwin, Yung Raymond WH, et al. Development of a standard treatment protocol for severe acute respiratory syndrome. *Lancet* 2003; 361: 1615 – 17
14. Marra Marco A, Jones Steven JM, Astell Caroline R, Holt Robert A, Brooks –Wilson Angela, Butterfield Yaron S N, et al. The genome sequence of the SARS – associated Coronavirus. *Science* 2003; 1399 – 1403
15. Masur Henry, Emanuel Ezekiel, Lane H Clifford. severe acute respiratory syndrome: providing care in the face of uncertainty (editorial). *JAMA* 2003; 289: 2861 – 2.
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18. Poutanen Susan M, Low Donald E, Henry Bonnie, Finkelstein Sandy, Rose David, Green Karen, et al. Identification of severe acute respiratory syndrome in Canada. *N Engl J Med* 2003; 348: 1995-2005
19. Riley Steven, Fraser Christophe, Donnelly Christl A, Ghani Azra C, Abu-Raddad Laith J, Hedley Anthony J, et al. Transmission dynamics of the etiological agent of SARS in Hong Kong: impact of public health interventions. *Science* 2003; 300: 1961 – 5
20. Rota PA, Oberste MS, Monroe SS, Nix WA, Campagnoli R, Icenogle JP, et al. Characterization of a Novel Coronavirus associated with severe acute respiratory syndrome. *Science* 2003; 300: 1394 – 9



21. Ruan Yijun, Wei CL, Ee. LA, Vega VB, Thoreau H, Yun STS, et al. Comparative full length genome sequence analysis of 14 SARS Coronavirus isolates and common mutations associated with putative origins of infection. *Lancet* 2003; 361: 1779 – 85
22. Rubenfeld Gordon D. IS SARS just ARDS ? (editorial) *JAMA* 2003; 290: 397 – 9.
23. SARS: what have we learned? *Nature* 2003; 424: 121– 6.
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25. Tsang Kenneth W, Ho Pak L, Ooi Gaik C, Yee Wilson K, Wang Teresa, Chan-Yeung Moira, et al. A cluster of cases of severe acute respiratory syndrome in Hong Kong. *N Engl. J. Med.* 2003; 348: 1977–85

## Major Indian Library Sites

1. <http://delnet.nic.in>
2. <http://lib.delhi.nic.in>
3. <http://www.inflibnet.ac.in>
4. <http://www.iitb.ernet.in/>
5. <http://www.iitd.ernet.in>
6. <http://www.isibang.ac.in/Library/>
7. <http://www.tibr.res.in>

## List of Some Important Journal Web Sites

- |                        |   |
|------------------------|---|
| 1. BMJ                 | <a href="http://www.bmj.com/bmj/index.html">http://www.bmj.com/bmj/index.html</a>           |
| 2. JAMA                | <a href="http://www.ama-assn.org/scipub.htm">http://www.ama-assn.org/scipub.htm</a>         |
| 3. Medical Reporter    | <a href="http://www.medicalreporter.health.org/">http://www.medicalreporter.health.org/</a> |
| 4. NEJM:               | <a href="http://www.nejm.org/">http://www.nejm.org/</a>                                     |
| 5. New Scientist:      | <a href="http://www.newscientist.com/">http://www.newscientist.com/</a>                     |
| 6. Science:            | <a href="http://www.sciencemag.org/">http://www.sciencemag.org/</a>                         |
| 7. Scientific American | <a href="http://www.sciam.com/">http://www.sciam.com/</a>                                   |

## List of Some Important Biomedical/Medical Web Sites

- |  |  |
|--|--|
| <p><b>BiomedNet</b><br/><a href="http://biomednet.com">http://biomednet.com</a></p> <p><b>Centre for Disease Control &amp; Prevention (CDC)</b><br/><a href="http://www.cdc.gov/">http:// www.cdc.gov/</a></p> <p><b>Doctors' guide to the Internet</b><br/><a href="http://www.docguide.com">http:// www.docguide.com</a></p> | <p><a href="http://www.pslgroup.com/docguide.htm">http://www.pslgroup.com/docguide.htm</a></p> <p><b>MedGuide</b><br/><a href="http://kernighan.imc.akhwien.ac.at">http://kernighan.imc.akhwien.ac.at</a></p> <p><b>Medical Matrix</b><br/><a href="http://www.medmatrix.org">http://www.medmatrix.org</a></p> <p><b>Mednets</b></p> |
|--|--|

<http://www.internets.com/mednets/>

**Medsurf**

<http://www.medsurf.com/>

**Medwebplus**

<http://www.medwebplus.com>

**PubMed**

<http://www.ncbi.nlm.nih.gov/pubmed>

**World Health Organisation**

<http://who.int/en/>

## List of Core Journals with high impact factor Available In ICMR Hqrs Library (IF 2002)

1. Nature (W)	30.432
2. Nature Medicine (M)	28.740
3. N E J M (W)	31.736
4. Science (W)	26.682
5. JAMA (W)	17.569 (2001)
6. Lancet (W)	15.397
7. Nature Biotechnology (M)	12.822
8. Archives of Internal Medicine	06.749
9. B M J (W)	07.585
10. GUT (M)	06.323
11. Journal of Infectious Diseases	04.857
12. American Journal of Tropical Medicine & Hygiene	02.063
13. Scientific American	02.456

### Important Search Engines

1. Altavista	<a href="http://www.altavista.digital.com">http://www.altavista.digital.com</a>
2. Hotbot	<a href="http://www.hotbot.com">http://www.hotbot.com</a>
3. Excite	<a href="http://www.excite.com">http://www.excite.com</a>
4. Lycos	<a href="http://www.lycos.com">http://www.lycos.com</a>
5. Info seek	<a href="http://www.infoseek.com">http://www.infoseek.com</a>
6. Webcrawler	<a href="http://www.webcrawler.com/health">http://www.webcrawler.com/health</a>

### Some Important Online Databases in Biomedical & Health Related Fields

**ACP Journal Club online:** Available at <http://www.acpjc.org> published bimonthly by the American College of Physicians – American Society of Internal Medicine (ACP-ASIM). Offers a guide review of original articles and Systematic reviews.

**Biomed Central:** at <http://biomedcentral.com> Offers online

publishing of biomedical and research articles in nearly 20 biological and 40 biomedical discipline.

**Cancerlit:** at <http://cnetab.nci.nih.gov/> Comprehensive bibliographic Cancer literature and database that covers about 2 million literatures and abstracts from over 4000 different biomedical journals.

**Cochrane Library:** at <http://www.cochranelibrary.com> comprises regularly updated collection of evidence based medicine databases, the Cochrane controlled trials registers, Cochrane database of systematic reviews, Database of abstracts of reviews of effectiveness (DARE) and the Cochrane review methodology database.

**HIV Database:** at <http://hiv-web.lanl.gov/> consists of data on HIV

genetic sequences, immunological epitopes, etc.

**TRIP Database:** at <http://www.tripdatabase.com> provides information from over 75 sites of high quality medical information and 26 databases from evidence based sites around the globe

**UNESCO:** at <http://unesdoc.unesco.org/ulis> offers full text document.

## SOME IMPORTANT CD-ROM DATABASES IN MEDICAL AND RELATED FIELDS

1. **ADONIS:** A document delivery service, providing access to the articles, research results, case reports from 800 core journals in the biomedical, Chemical and pharmaceutical disciplines.
2. **AMED:** Allied and complimentary Medicine. It covers the field of complimentary and allied medicine with relevant references to articles from 400 journals.
3. **Cancer CD:** Having comprehensive coverage of published literature in cancer and cancer related subjects.
4. **Drug Information Full – text / IPA:** This database combines the American Society of Health System Pharmacists Drug Information Full-text with their International Pharmaceutical Abstracts.
5. **Medline:** Bibliographic database with over 9 million references from 4000 International journals in biomedicine, health sciences and clinical research.
6. **Popline:** Important source of information on population family planning programs, population law, maternal and child health, population and environment other health related issues.
7. **PSYCLIT:** It presents comprehensive information on psychology and related subjects.
8. **PASCAL BIOMED:** a unique multi-disciplinary and multi-lingual database, service as a complement to the Medline database.
9. **Micromedex Computerised Clinical Information System (CCIS):** - CCIS is a collection of a number of information systems

- (i) **MARTINDALLE:** Full text database containing evaluated information on drugs and medicine in clinical use throughout the world:
- (ii) **EMERGINDEX:** Offers factual data on clinical presentation laboratory and diagnostic findings, pre hospital protocols and therapeutic modalities for over 400 diseases and injuries.
- (iii) **POISINDEX:** Designed to identify and provide ingredient information for commercial, industrial, pharmaceutical; Zoological and botanical substances.
- (iv) **Drugdex:** Provides Comprehensive monographs on over 1400 drugs by trade name, generic name and adverse effects.

## Recent Additions- 2003

1. Alcohol and Heart Disease / Ronald Ross Watson, Taylor & Francis, 2002
2. Anthrax: Round Table Conference Series, Ranbaxy, 2001
3. Bio-safety in Microbiological and Bio-medical Laboratories, NIH, 1999
4. Bio-statistical Aspects of Health and Epidemiology/ C.M. Pandey, Lucknow, Prakashn Kendra, 2002
5. Building Mental Muscle: Conditioning Exercises for the Six Intelligence Zones / David Gamon and Allen D Bragdon, Viva, 2003
6. Challenges in Safe Motherhood Initiative in Kerala/ T.S. Shenoy, Thiruvananthapuram Medical Collage, 1999
7. Ethical issues in Bio-medical Publication/A.H. Jones and F. McLellan, Johns Hopkins University, 2000
8. Global Business, Technology and Knowledge Sharing: Lessons for Developing Country Enterprises / N.S. Siddharthan and Y.S.Rajan, Macmillan, 2002
9. Health Care Ethics in a Diverse Society/ MC Brannigan and J. A. Boss, Mayfield, 2000
10. Hepatitis C Infection: Round Table Conference Series, Ranbaxy, 2001
11. No Paradise Yet: The World's Women Face the New Century/J Mirsky, Panos, 2000
12. Patents: What Everyone Should Know About / N.R. Subbaram, Pharma Book, 2003
13. Peer Review in Health Sciences/ F. Godlee and T. Jefferson, BMJ Books, 1999
14. Post Abortion Care: Lesions from Operation Research/ D. Huntington, Population Council, 1999
15. Sustainable Health and Development: / R. Abel, RUHSA, 2002
16. The Saga of Indian Science Since Independence / Pushpa Mitra Bhargava and Chandana Chakrabarti, University Press, 2003
17. The Vaccine Book / Barry R Bloom, Academic, 2003

## Reference Books

- 1 Biochemistry / Jeremy M Berg, John Ltymoczek and Lubert Stryer, W H Freeman, 2002
- 2 Getting Research Findings into Practice / Andrew Hainess and Anna Donald, BMJ, 2002
- 3 India Development Report 2002 / Kirit S. Parikh, and R Radhakrishna, Oxford, 2002
- 4 International Trade in Health Services: A Development Perspective / Simonetta Zarrilli, WHO, 1998
- 5 Manual of Style / Cheryl Iverson, et al., Lippincott, 1998
- 6 Martindale: The Complete Drug Reference / Sean C Sweetman, Pharmaceutical Press, 2002
- 7 Scholarly Communication and Bibliometrics / Christine L Borgman, Sage, 2000
- 8 Tuberculosis: Epidemiology and Control, WHO, 2002
- 9 WHO Monographs on Selected Medicinal Plants, WHO, 2002
- 10 World Mortality in 2000: Life Tables for 191 Countries, WHO, 2002

## Workshops/Trainings Held 2001-2003

1. ICMR – NIC Workshop on Emerging Technologies for Effective management of Library & Information Services Held at the National Informatics Center, Hyderabad during January 16-20, 2001
2. ICMR-NIC Workshop on Emerging Technologies for Effective management of Library & Information Services Held at the National Informatics Center, Pune during February 12-16, 2001
3. ICMR-NIC Workshop on Effective Management of Library & Information Resources in the Cyberage held at the National Informatics Center, Hyderabad during January 15-19, 2002
4. Training programme on Full Text Electronic Databases “ProQuest” and “Ovid” at NIN, Hyderabad on 26<sup>th</sup> July 2003.
5. Training programme on Full Text Electronic Databases on 23<sup>rd</sup> September 2003 at ICMR Headquarters, New Delhi