

Appendix V

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Sources of Information in Tropical Medicine

INTRODUCTION

The literature of tropical medicine, like all clinical specialties, tends to be distributed throughout medical literature,^{1,2} and reliance on the specialist tropical medicine literature alone will not usually be sufficient to cover adequately the total literature. It is important therefore that any search of the literature needs to encompass both the general and specialist sources. This brief guide to the information sources of tropical medicine will limit itself to the main focus of this book, i.e. the clinical, diagnostic and control aspects of tropical medicine.

Any systematic search of the literature must use a variety of different sources, including journals, books, databases and websites. Many traditional print resources, such as journals, indexes and increasingly also books, are now available online and those listed below include only a selection of the most important sources. However, an important part of this survey is on identifying the most important internet-based resources, as a reflection that the internet has become, *de facto*, the main vehicle for up-to-date information in medicine, even in the poorest regions of the world. Inevitably, some websites become unavailable, change their URL or are not updated; it is hoped that the online version of this chapter, to be published in parallel with the print version, will continue to be updated. However, there are two regularly updated gateway sites which cover much of the source material listed: the Institute of Tropical Medicine Antwerp library links to selected websites (<http://lib.itg.be/biblinks.htm>) and AED Satelife's Essential Health Links (<http://www.inasp.healthnet/essential-links/>).

TEXTBOOKS AND OTHER PRINT MATERIALS

Generally speaking, there is a dearth of texts relating to clinical and laboratory aspects of tropical and parasitic diseases, and readers will invariably have to look in textbooks of infectious diseases and more general textbooks of medicine for current information. The texts selected below are the most well known in the field.

GENERAL TEXTS ON TROPICAL AND INFECTIOUS DISEASES

- Acha PN, Szyfres B. *Zoonoses and communicable diseases common to man and animals*. 3rd edn. Washington, DC: PAHO Scientific and Technical Publications, No. 580; 2001–03 (3 vols).
- Cohen J, Powderly WG, eds. *Infectious diseases*. 2nd edn. Edinburgh: Mosby; 2004 (2 vols + CD-ROM).
- Cook GC, Zumla A, eds. *Manson's tropical diseases*. 22nd edn. London: WB Saunders; 2008.
- Eddleston M, Pierini S, Wilkinson R, et al. *Oxford handbook of tropical medicine*. 2nd edn. Oxford: Oxford University Press; 2005.
- Fernando RL, Fernando SSE, Leong ASY. *Tropical infectious diseases: Epidemiology, investigation, diagnosis and management*. London: Greenwich Medical Media; 2001.
- Gentilini M, ed. *Médecine tropicale*. 5 edn. Paris: Flammarion; 1993.
- Gill G, Beeching N. *Lecture notes on tropical medicine*. 5th edn. Oxford: Blackwell; 2004.
- Gorbach SL, Bartlett JG, Blacklow NR. *Infectious diseases*. 3rd edn. Philadelphia: Lippincott Williams and Wilkins; 2003.
- Guerrant RL, Walker DH, Weller PF, eds. *Essentials of tropical infectious diseases*. Philadelphia: Churchill Livingstone; 2001 (+ CD-ROM).
- Guerrant RL, Walker DH, Weller PF, eds. *Tropical infectious diseases: principles, pathogens, and practice*. 2nd edn. Philadelphia: Churchill Livingstone; 2006: 2 vols.
- Harries JR, Harries AD, Cook GC. *Clinical problems in tropical medicine*. 2nd edn. London: Saunders; 1998.
- Hawker J, Begg N, Blair I, et al. *Communicable disease control handbook*. 2nd edn. Malden: Blackwell; 2005.
- Heymann DL, ed. *Control of communicable diseases manual*. 18th edn. Washington, DC: American Public Health Association (APHA); 2004.
- Jamison DT, Breman JG, Measham AR, et al. eds. *Disease control priorities in developing countries*. 2nd edn. Oxford: Oxford University Press; Washington, DC: World Bank; 2006. (Disease Control Priorities Project).
- Jong EC, McMullen R, eds. *The travel and tropical medicine manual*. 3rd edn. Philadelphia: WB Saunders; 2003.
- Krawinkel M, Renz-Polster H. *Medical practice in developing countries*. Neckarsulm: Jungjohann; 1995.
- Krauss H, Slenczka W, Schiefer HG. *Zoonoses; Infectious diseases transmissible from animals to humans*. 3rd edn. Washington, DC: ASM Press; 2003.
- Kwann-Gett TSC, Kemp C, Kovarik C. *Infectious and tropical diseases; a handbook for primary care*. St Louis: Elsevier Mosby; 2006.
- Lucas AO, Gilles HM. *Short textbook of public health medicine for the tropics*. 4th edn. London: Arnold; 2002.

Appendix V. Sources of Information in Tropical Medicine

Box V.1

For students and those working in the developing world substantial price discounts on medical texts are available from:

1. Bookpower
120 Pentonville Road, London N1 9JN, UK
Website: <http://www.bookpower.org/>
e-mail: bookpower@mistral.co.uk
2. Tropical Health Technology
PO Box 50, Fakenham, Norfolk NR21 8XB, UK
Website: <http://www.tht.ndirect.co.uk/>
e-mail: thtbooks@tht.ndirect.co.uk
3. Teaching Aids at Low Cost (TALC)
PO Box 49, St Albans, Herts AL1 5TX, UK
Website: <http://www.talcuk.org/>
e-mail: talc@talcuk.org

The following publishers make available some publications free to doctors working in selected developing countries:

1. FSG Communications Ltd
Vine House, Fair Green, Reach, Cambridge CB5 0JD, UK
Website: <http://www.fsg.co.uk/>
e-mail: info@fsg.co.uk

Medical Education Resource Africa (MERA) incorporating Africa Health, African Health Sciences and Diabetes International (ISSN 1478-2642).

2. PMH Publications
PO Box 100, Chichester, W. Sussex PO18 8HD, UK
Website: <http://www.pmh.uk.com/medical/africa/home.htm>
e-mail: admin@pmh.uk.com
Postgraduate Doctor Africa (ISSN 0142-7946).
3. Healthlink Worldwide,
56-64 Leonard Street, London., EC2A 4LT, UK
Website: <http://www.healthlink.org.uk/>
e-mail: info@healthlink.org.uk
Various newsletters, journals, and training manuals.

- Mandell GL, Bennett JE, Dolin R, eds. *Mandell, Douglas and Bennett's principles and practice of infectious diseases*. 6th edn. Philadelphia: Elsevier Churchill Livingstone; 2005: 2 vols (+ CD-ROM).
- Palmer D, Wolf CE. *Handbook of medicine in developing countries*. 2nd edn. Bristol: Christian Medical and Dental Associations, Paul Tourmier Institute; 2002.
- Parry E, Godfrey R, Mabey D, Gill G, eds. *Principles of medicine in Africa*. 3rd edn. Cambridge: Cambridge University Press; 2004.
- Pichard E, Beytout J, Delmont J, eds. *Malintrop Afrique; Manuel de maladies infectieuses pour l'Afrique*. Montrouge: John Libbey Eurotext; 2002.
- Schull CR. *Common medical problems in the tropics*. 2nd edn. London: Macmillan; 1999.
- Strickland GT, ed. *Hunter's tropical medicine and emerging infectious diseases*. 8th edn. London: Saunders; 2000. (The standard US textbook of tropical medicine.)
- Touze JE, Peyron F, Malvy D. *Médecine tropicale au quotidien; 100 cas cliniques*. Saint-Maur: Format Utile; 2001.
- Webber R. *Communicable disease epidemiology and control: A global perspective*. 2nd edn. Wallingford: CABI; 2005.

History of tropical medicine

An extensive literature exists on the fascinating history of tropical medicine and its controversies. Much of it relates to the late nineteenth and early twentieth centuries, when many of the significant discoveries of the aetiologies of tropical and parasitic infections were first made. Listed below is a small selection of texts which will serve as an introduction to an increasingly popular subject.

- Arnold D, ed. *Warm Climates and Western Medicine: The Emergence of Tropical Medicine 1500-1900*. Amsterdam: Rodopi; 1996.
- Bado J. *Médecine Coloniale et Grandes Endémies en Afrique 1900-1960; Lèpre, Trypanosomiase Humaine et Onchocercose*. Paris: Karthala; 1996. (Hommes et Société).
- Bruyn GW, Poser CM. *The History of Tropical Neurology; Nutritional Disorders*. Canton: Science History Publications; 2003.
- Cook GC. *From the Greenwich Hulks to Old St Pancreas: A History of Tropical Disease in London*. London: Athlone Press; 1992.
- Cook GC. *Tropical Medicine: An Illustrated History of the Pioneers*. Paris: Elsevier Academic Press; 2007.
- Cox FEG, ed. *The Wellcome Trust Illustrated History of Tropical Diseases*. London: Wellcome Trust; 1996.
- D'Arcy PF. *Laboratory on the Nile: A History of the Wellcome Tropical Research Laboratories*. New York: Pharmaceutical Products Press; 1999. (Pharmaceutical Heritage).
- Farley J. *To Cast Out Disease: A History of the International Health Division of the Rockefeller Foundation (1913-1951)*. New York: Oxford University Press; 2004.
- Haynes DM. *Imperial Medicine: Patrick Manson and the Conquest of Tropical Disease*. Philadelphia: University of Pennsylvania Press; 2001.
- Janssens PG, Kivits M, Vuylsteke J, eds. *Health in Central Africa since 1885; Past, Present and Future*. Brussels: King Baudouin Foundation; 1997: 2 vols (also available in French).
- Kean BH, Mott KE, Russell AJ, eds. *Tropical Medicine and Parasitology: Classic Investigations*. Ithaca: Cornell University Press; 1978: 2 vols.
- Pati B, Harrison M, eds. *Health, Medicine and Empire; Perspectives on Colonial India*. New Delhi: Orient Longman; 2001. (New Perspectives in South Asian History; 1).
- Power HJ. *Tropical Medicine in the Twentieth Century: A History of the Liverpool School of Tropical Medicine 1898-1990*. London: Kegan Paul International; 1999.
- Scott HH. *A History of Tropical Medicine*. London: Arnold; 1939: 2 vols.
- Wilkinson L, Hardy A. *Prevention and Cure: The London School of Hygiene and Tropical Medicine. A 20th Century Quest for Global Public Health*. London: Kegan Paul; 2001.
- Worboys M. Tropical diseases. In: Bynum WF, Porter R, eds. *Companion Encyclopaedia of the History of Medicine*. Vol. 1. London: Routledge; 1993:512-536.

Atlases

- Ash LR, Orihel TC. *Atlas of Human Parasitology*. 4th edn. Chicago: American Society of Clinical Pathologists (ASCP); 1997.
- Chiodini PL, Moody A, Manser DW. *Atlas of Medical Helminthology and Protozoology*. 4th edn. Edinburgh: Churchill Livingstone; 2001.
- de Hoog GS, Guarro J, Gené J, Figueras MJ. *Atlas of Clinical Fungi*. 2nd edn. Utrecht: Centraal Bureau voor Schimmelcultures, Reus: Universitat Rovira i Virgili; 2000.
- Emond RTD, Welsby PD, Rowland HAK. *Colour Atlas of Infectious Diseases*. 4th edn. Edinburgh: Mosby; 2003.
- Gutierrez Y. *Diagnostic Pathology of Parasitic Infections: With Clinical Correlations*. 2nd edn. Oxford: Oxford University Press; 2000.
- Larone DH. *Medically Important Fungi; A Guide to Identification*. 4th edn. Washington, DC: ASM Press; 2002.
- Mandell GL, ed. *Atlas of Infectious Diseases*. Philadelphia: Current Medicine; 1995-98: 10 vols.
- Peters W. *A Colour Atlas of Arthropods in Clinical Medicine*. London: Wolfe; 1992.
- Peters W, Pasvol G. *Médecine Tropicale et Parasitologie*. Paris: Flammarion Médecine-Sciences; 2004.
- Peters W, Pasvol G. *Atlas of Tropical Medicine and Parasitology*. 6th edn. Oxford: Elsevier; 2006 (+ CD-ROM).
- Rondanelli EG, Scaglia M, eds. *Atlas of Human Protozoa. Atlante dei Protozoi Umani*. Milano: Masson; 1993.
- Schaller KF, ed. *Colour Atlas of Tropical Dermatology and Venereology*. Berlin: Springer; 1994.

Spicer WJ. *Clinical Bacteriology, Mycology, and Parasitology: An Illustrated Colour Text*. Edinburgh: Churchill Livingstone; 2000.

Dermatology

- Arenas R, Estrada R. *Tropical Dermatology*. Georgetown: Landes Bioscience; 2001.
- Canizares O. *A Manual of Dermatology for Developing Countries*. 2nd edn. Oxford: Oxford University Press; 1993.
- Canizares O, Harman RRM, eds. *Clinical Tropical Dermatology*. 2nd edn. Boston: Blackwell; 1992.
- Euzéby J. *Les Dermatoses Parasitaires d'Origine Zoonosique dans les Environnements de l'Homme*. Paris: Editions Médicales Internationales; 2003.
- Halder RM, ed. *Dermatology and Dermatological Therapy of Pigmented Skins*. Boca Raton: Taylor and Francis; 2006.
- Leppard B. *An Atlas of African Dermatology*. Abingdon: Radcliffe Medical Press; 2002.
- Mahé A. *Dermatologie sur Peau Noire*. Paris: Doin; 2000. (Dermatologie Pratique).
- Parish LC, Millikan LE. *Global Dermatology: Diagnosis and Management According to Geography, Climate, and Culture*. New York: Springer; 1994.
- Saxe N, Jessop S, Todd G. *Southern Africa Handbook of Dermatology for Primary Care*. Oxford: Oxford University Press; 1997.
- Singh M. *Tropical Dermatopathology*. New Delhi: Jaypee Brothers; 2003.
- Tyring S, Lupi O, Hengge UR. *Tropical Dermatology*. Philadelphia: Elsevier/Churchill Livingstone; 2006.

Gastroenterology

- Cook GC, ed. *Tropical Gastroenterology*. Oxford: Oxford University Press; 1980.
- Cook GC, ed. *Gastroenterological Problems from the Tropics*. London: BMJ; 1995.
- Rustgi VK, ed. *Gastrointestinal Infections in the Tropics*. Basel: Karger; 1990.
- Watters DAK, Kiire CF. *Gastroenterology in the Tropics and Subtropics: A Practical Approach*. London: Macmillan; 1995.

Laboratory techniques

- Carter JY, Lema O. *Practical Laboratory Manual for Health Centres in Eastern Africa*. Nairobi: African Medical and Research Foundation (AMREF); 1994.
- Cheesbrough M. *District Laboratory Practice in Tropical Countries*. 2nd edn. Cambridge: Cambridge University Press; 2005: 2 vols.
- Garcia LS. *Practical Guide to Diagnostic Parasitology*. Washington, DC: ASM Press; 1999.
- Garcia LS. *Diagnostic Medical Parasitology*. 5th edn. Washington, DC: ASM Press; 2007.
- Lennette EH, Smith TF, eds. *Laboratory Diagnosis of Viral Infections*. 3rd edn. New York: Marcel Dekker; 1999.
- Microscopy of Tropical Diseases*. Fakenham, UK: Tropical Health Technology, revised 2006. (Affordable series of nine laminated brochures consisting of high-quality colour plates with text for diagnosing parasitic, bacterial and viral infections, urinary tract disease, anaemia and white blood cell disorders).
- Van Dyck E, Meheus ZA, Piot P. *Laboratory Diagnosis of Sexually Transmitted Diseases*. Geneva: WHO; 1999 (also available in French and Spanish).
- WHO. *Bench Aids for the Diagnosis of Malaria Infections*. 2nd edn. Geneva: World Health Organization; 2000.
- WHO. *Manual of Basic Techniques for a Health Laboratory*. 2nd edn. Geneva: World Health Organization; 2003.

Leprosy

- Bryceson A, Pfaltzgraff RE. *Leprosy*. 3rd edn. Edinburgh: Churchill Livingstone; 1990.
- Hastings RC, ed. *Leprosy*. 2nd edn. Edinburgh: Churchill Livingstone; 1994.
- Languillon J. *Précis de Léprologie*. Lavaur: SIA; 1999.
- Leprosy: A Medical Dictionary, Bibliography and Annotated Research Guide to Internet Resources*. San Diego: ICON Health Publications; 2004.

Medical entomology

- Becker N, Petric D, Zgomba M, et al. *Mosquitoes and Their Control*. New York: Kluwer Academic/Plenum Publishers; 2003.
- Burgess NRH, Cowan GO. *A Colour Atlas of Medical Entomology*. London: Chapman and Hall; 1993.
- Eldridge BF, Edman JD, eds. *Medical Entomology: A Textbook on Public Health and Veterinary Problems Caused by Arthropods*. Dordrecht: Kluwer; 2000.
- Goddard J. *Physician's Guide to Arthropods of Medical Importance*. 5th edn. Boca Raton: CRC Press; 2007.
- Kettle DS. *Medical and Veterinary Entomology*. 2nd edn. Wallingford: CABI; 1995.
- Leak SGA. *Tsetse Biology and Ecology: their Role in the Epidemiology and Control of Trypanosomiasis*. Wallingford: CABI; 1999.
- Mullen G, Durden L, eds. *Medical and Veterinary Entomology*. Amsterdam: Academic Press; 2002.
- Service MW. *Medical Entomology for Students*. 3rd edn. Cambridge, UK: Cambridge University Press; 2004.

Medical mycology

- Anaissie EJ, McGinnis MR, Pfaller MA, eds. *Clinical Mycology*. New York: Churchill Livingstone; 2003.
- Chabasse D, Develoux M, eds. *Mycoses d'Importation*. Paris: Elsevier; 2003 (Guides Médi/BIO).
- Chabasse D, Guiguen C, Contet-Audonneau N. *Mycologie Médicale*. Paris: Masson; 1999 (Abrégés).
- Dismukes WE, Pappas PG, Sobel JD, eds. *Clinical Mycology*. Oxford: Oxford University Press; 2003.
- Maertens JA, Marr KA, eds. *Diagnosis of Fungal Infections*. New York: Informa Health Care; 2007.
- Richardson MD, Warnock DW. *Fungal Infection; Diagnosis and Management*. 3rd edn. Malden: Blackwell; 2003.
- San-Bias G, Calderone RA, eds. *Pathogenic Fungi; Host Interactions and Emerging Strategies for Control*. Wymondham: Caister Academic Press; 2004.

Neurology

- Johnson RT. *Viral Infections of the Nervous System*. 2nd edn. Philadelphia: Lippincott-Raven; 1998.
- Power C, Johnson RT, eds. *Emerging Neurological Infections*. Boca Raton: Taylor and Francis; 2005. (Neurological Disease and Therapy; 67).
- Rose FC, ed. *Recent Advances in Tropical Neurology*. Amsterdam: Elsevier; 1995.
- Scheld WM, Whitley RJ, Marra CM, eds. *Infections of the Central Nervous System*. 3rd edn. Philadelphia: Lippincott Williams and Wilkins; 2004.
- Shakir RA, Newman PK, Poser CM, eds. *Tropical Neurology*. London: Saunders; 1996.

Nutrition

- Boelaert M, Davis A, Le Lin B, et al. eds. *Nutrition Guidelines to Facilitate the Application of Fundamental Concepts and Principles Necessary for the Assessment of Nutritional Problems and the Implementation of Nutritional Programmes in Emergency Situations*. Paris: Médecins Sans Frontières (MSF); 1995.
- King FS, Burgess A. *Nutrition for Developing Countries*. 2nd edn. Oxford: Oxford University Press; 1993.
- Latham MC. *Human Nutrition in the Developing World*. Rome: Food and Agriculture Organization (FAO); 1997. (FAO Food and Nutrition Series; 29).
- Maire B, Beghin I, Delpuech F, et al. *Nutritional Surveillance: A Sustainable Operational Approach*. Antwerp: ITGPress; 2001. (Studies in Health Services Organisation and Policy; 19) (also available in French).
- MSF. *Nutrition Guidelines*. Paris: Médecins Sans Frontières; 1995.
- SCN. *5th Report on the World Nutrition Situation*. Geneva: United Nations Standing Committee on Nutrition; 2004.

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- Semba RD, Bloem MW, eds. *Nutrition and Health in Developing Countries*. Totowa: Humana Press; 2001.
- WHO. *The Management of Nutrition in Major Emergencies*. Geneva: World Health Organization; 2000.
- WHO. *Management of Severe Malnutrition: A Manual for Physicians and Other Senior Health Workers*. Geneva: World Health Organization; 1999.

Ophthalmology

- Sandford-Smith J. *Eye Diseases in Hot Climates*. 3rd edn. Oxford: Butterworth-Heinemann; 1997.
- Schwab L. *Eye Care in Developing Nations*. 3rd edn. San Francisco: American Academy of Ophthalmology; 1999.

Paediatrics

- Ashworth A, Burgess A. *Caring for Severely Malnourished Children*. Oxford: Macmillan; 2003.
- Berkowitz FE. *Case Studies in Pediatric Infectious Diseases*. Cambridge: Cambridge University Press; 2007.
- Bhutta ZA, ed. *Contemporary Issues in Childhood Diarrhoea and Malnutrition*. Oxford: Oxford University Press; 2000.
- Davies EG, Elliman DAC, Hart CA, et al. *Manual of Childhood Infections*. 2nd edn. London: WB Saunders; 2001.
- de Onis M, Blössner M, eds. *WHO Global Database on Child Growth and Malnutrition*. Geneva: World Health Organization (WHO), Programme of Nutrition (NUT); 1997. (WHO/NUT/97.4).
- Ebrahim GJ. *Paediatric Practice in Developing Countries*. 2nd edn. London: Macmillan; 1993.
- Hall DMB, Elliman D, eds. *Health for All Children*. 4th edn. Oxford: Oxford University Press; 2003.
- Hendrickse RG, Barr DGD, Matthews TS, eds. *Paediatrics in the Tropics*. Oxford: Blackwell; 1991.
- Kleinman RE, ed. *Pediatric Nutrition Handbook*. 5th edn. Elk Grove Village: American Academy of Pediatrics; 2004.
- Seear MD. *Manual of Tropical Pediatrics*. Cambridge: Cambridge University Press; 2000.
- Southall D, Coulter B, Ronald C, et al. eds. *International Child Health Care: A Practical Manual for Hospitals Worldwide*. London: BMJ Books; 2002.
- Stanfield P, Brueton M, Chan M, et al. eds. *Diseases of Children in the Subtropics and Tropics*. 4th edn. London: Edward Arnold; 1991.
- WHO. *Management of the Child with a Serious Infection or Severe Malnutrition: Guidelines for Care at the First-Referral Level in Developing Countries*. Geneva: World Health Organization; 2000.
- WHO. *Pocket Book of Hospital Care for Children; Guidelines for the Management of Common Illnesses with Limited Resources*. Geneva: World Health Organization; 2005.

Parasitic and vector-borne diseases

- Abdalla SH, Pasvol G, eds. *Malaria: A Hematological Perspective*. London: Imperial College Press; 2004. (Tropical Medicine: Science and Practice).
- Abdi YA, Gustafsson LL, Ericsson O et al. *Handbook of Drugs for Tropical Parasitic Infections*. 2nd edn. London: Taylor and Francis; 1995.
- Anderson RC. *Nematode Parasites of Vertebrates: Their Development and Transmission*. 2nd edn. Wallingford: CABI; 2000.
- Berger SA, Marr JS. *Human Parasitic Diseases Sourcebook*. Sudbury: Jones and Bartlett Publishers; 2006.
- Black SJ, Seed JR, eds. *The African Trypanosomes*. Boston: Kluwer; 2001. (World Class Parasites; 1).
- Bogitsh BJ, Cheng TC. *Human Parasitology*. 3rd edn. Amsterdam: Elsevier; 2005.
- Cox FEG, ed. *Modern Parasitology*. 2nd edn. Oxford: Blackwell Science; 1993.

- Cox FEG, Wakelin D, Gillespie SH et al. eds. *Topley and Wilson's Microbiology and Microbial Infections*. 10th edn. Vol. 6: Parasitology. London: Hodder Arnold; 2006.
- Crompton DWT, Nesheim MC, Pawlowski ZS, eds. *Ascariasis and its Prevention and Control*. London: Taylor and Francis; 1989.
- Crompton DWT, Savioli L. *Handbook of Helminthiasis for Public Health*. Boca Raton: CRC Press; 2007.
- Cunha BA, ed. *Tickborne Infectious Diseases: Diagnosis and Management*. New York: Marcel Dekker; 2000.
- Dalton JP, ed. *Fasciolosis*. Wallingford: CABI; 1999.
- Duffy PE, Fried M, eds. *Malaria in Pregnancy; Deadly Parasite, Susceptible Host*. London: Taylor and Francis; 2001.
- Dumas M, Bouteille B, Buguet A, eds. *Progress in Human African Trypanosomiasis, Sleeping Sickness*. Berlin: Springer; 1999.
- Farrell JP, ed. *Leishmania*. Boston, MA: Kluwer Academic Publishers; 2002. (World Class Parasites; 4).
- Gilles HM, ed. *Protozoal Diseases*. London: Arnold; 1999.
- Gilles HM, Hall PAJ, eds. *Hookworm Infections*. Amsterdam: Elsevier; 1991.
- Gillespie SH, Hawkey PM, eds. *Medical Parasitology*. Oxford: IRL Press; 1995.
- Gillespie S, Pearson RD, eds. *Principles and Practice of Clinical Parasitology*. Chichester: Wiley; 2001.
- Goodman JL, Dennis DT, Sonenshine DE, eds. *Tick-borne Diseases of Humans*. Washington, DC: ASM Press; 2005.
- Grove DI, ed. *Strongyloidiasis: A Major Roundworm Infection of Man*. London: Taylor and Francis; 1989.
- Gubler DJ, Kuno G, eds. *Dengue and Dengue Hemorrhagic Fever*. Wallingford: CABI; 1997.
- Guillaume V. *Parasitologie; Auto-évaluation, Manipulations*. Bruxelles: De Boeck Université; 2007. (Biologie Médicale Pratique).
- Hide G, Mottram JC, Coombs GH, et al., eds. *Trypanosomiasis and Leishmaniasis; Biology and Control*. Wallingford: CABI; 1997.
- Holland CV, Kennedy MW, eds. *The Geohelminths: Ascaris, Trichuris and Hookworm*. Boston: Kluwer Academic Publishers; 2002. (World Class Parasites; 2).
- Hotta S. *Dengue and Related Arboviruses*. Kobe: Yukosha Printing House; 1995.
- John DT, Petri WA. *Markell and Voge's Medical Parasitology*. 9th edn. Philadelphia: Saunders; 2006.
- Jordan P, Webbe G, Sturrock RF, eds. *Human Schistosomiasis*. Wallingford: CABI; 1993.
- Kennedy MW, Harnett W, eds. *Parasitic Nematodes; Molecular Biology, Biochemistry and Immunology*. Wallingford: CABI; 2001.
- Klei TR, Rajan TV, eds. *The Filaria*. Boston: Kluwer Academic Publishers; 2002. (World Class Parasites; 5).
- Kumar V. *Trematode Infections and Diseases of Man and Animals*. Dordrecht: Kluwer; Antwerp: ITG Press; 1999.
- Laveissière C, Garcia A, Sané B. *Lutte Contre la Maladie du Sommeil et Soins de Santé Primaire*. Paris: IRD Editions; 2003. (Collection Didactiques).
- Lengeler C, Cattani J, de Savigny D, eds. *Net Gain; A New Method for Preventing Malaria Deaths*. Montreal: International Development Research Centre (IDRC); Geneva: World Health Organization (WHO); 1996 (also available in French).
- Lindsay LS, Weiss LM. *Opportunistic Infections: Toxoplasma, Sarcocystis, and Microsporidia*. Boston: Kluwer Academic Publishers; 2004. (World Class Parasites; 9).
- Mahmoud AAF, ed. *Schistosomiasis*. London: Imperial College Press; 2001.
- Maudlin I, Holmes PH, Miles MA, eds. *The Trypanosomiasis*. Wallingford: CABI; 2004.
- Mehlhorn H, ed. *Encyclopedic Reference of Parasitology; Biology, Structure, Function, Diseases, Treatment, Therapy*. 2nd edn. Berlin: Springer; 2001: 2 vols.
- Mouchet J, Carnevale P, Coosemans M, et al. *Biodiversité du Paludisme dans le Monde*. Montrouge: John Libbey Eurotext; 2004.
- Muller R. *Worms and Human Disease*. 2nd edn. Wallingford: CABI; 2002.
- Nutman TB, ed. *Lymphatic Filariasis*. London: Imperial College Press; 2000.
- Olson BE, Olson ME, Wallis PM, eds. *Giardia, the Cosmopolitan Parasite*. Wallingford: CABI; 2002.

- Peters W, Killick-Kendrick R, eds. *The Leishmaniasis in Biology and Medicine*. London: Academic Press; 1987: 2 vols.
- Ravdin JJ, ed. *Amebiasis*. London: Imperial College Press; 2000.
- Saïssy J, ed. *Paludisme Grave*. Paris: Arnette; 2001.
- Schad GA, Warren KS, eds. *Hookworm Disease: Current Status and New Directions*. London: Taylor and Francis; 1990.
- Secor WE, Colley DG, eds. *Schistosomiasis*. New York: Springer Science + Business Media; 2005. (World Class Parasites; 10).
- Service MW, ed. *Encyclopaedia of Arthropod-transmitted Infections of Man and Domesticated Animals*. Wallingford: CABI; 2001.
- Sherman IW, ed. *Malaria; Parasite Biology, Pathogenesis, and Protection*. Washington, DC: American Society for Microbiology (ASM); 1998.
- Singh G, Prabhakar S, eds. *Taenia Solium Cysticercosis; From Basic to Clinical Science*. Wallingford: CABI; 2002.
- Sterling CR, Adam RD, ed. *The Pathogenic Enteric Protozoa: Giardia, Entamoeba, Cryptosporidium and Cyclospora*. Dordrecht: Kluwer; 2004. (World Class Parasites; 8).
- Tibayrenc M, ed. *Encyclopedia of Infectious Diseases: Modern Methodologies*. Hoboken: John Wiley; 2007.
- Tsieh Sun. *Parasitic Disorders: Pathology, Diagnosis, and Management*. 2nd edn. Baltimore: Williams and Wilkins; 1999.
- Tyler KM, Miles MA, eds. *American Trypanosomiasis*. Boston: Kluwer Academic; 2003. (World Class Parasites; 7).
- Wahlgren M, Perlmann P, eds. *Malaria: Molecular and Clinical Aspects*. Amsterdam: Harwood Academic; 1999.
- Warrell DA, Gilles HM, eds. *Essential Malariaology*. 4th edn. London: Arnold; 2002.
- Wernsdorfer WH, McGregor I, eds. *Malaria: Principles and Practice of Malariaology*. Edinburgh: Churchill Livingstone; 1988: 2 vols.
- Wéry M. *Protozoologie Médicale*. Bruxelles: De Boeck Université; 1995.
- WHO. *Control of Chagas Disease*. Geneva: World Health Organization; 2002. (WHO Technical Report Series; 905).
- WHO. *Dengue Haemorrhagic Fever: Diagnosis, Treatment, Prevention and Control*. 2nd edn. Geneva: World Health Organization; 1997 (also available in French).
- WHO. *Guidelines for the Treatment of Malaria*. Geneva: World Health Organization; 2006.
- WHO. *Lymphatic Filariasis: The Disease and its Control*. Geneva: World Health Organization; 1992. (WHO Technical Report Series; 821) (also available in French).
- WHO. *Malaria Vector Control and Personal Protection*. Geneva: World Health Organization; 2006. (WHO Technical Report Series; 936) (also available in French).
- WHO. *Management of Severe Malaria: A Practical Handbook*. 2nd edn. Geneva: World Health Organization; 2000 (also available in French).
- WHO. *Manual on Visceral Leishmaniasis Control*. Geneva: World Health Organization; 1996. (WHO/LEISH/96.40).
- WHO. *Onchocerciasis and its Control*. Geneva: World Health Organization; 1995. (WHO Technical Report Series; 852) (also available in French).
- WHO. *Prevention and Control of Schistosomiasis and Soil-Transmitted Helminthiasis*. Geneva: World Health Organization; 2002. (WHO Technical Report Series; 912) (also available in French).

Pathology

- Doerr W, Seifert G, eds. *Tropical Pathology*. Berlin: Springer; 1995.
- Meyers WM, ed. *Pathology of Infectious Diseases*. Vol. 1: Helminthiasis. Washington, DC: Armed Forces Institute of Pathology, American Registry of Pathology; 2000.

Psychiatry

- Tantam D, Appleby L, Duncan A, eds. *Psychiatry for the Developing World*. London: Gaskell; 1996.
- Patel V. *Where There Is No Psychiatrist*. London: Gaskell; 2003.
- Patel V, Thara R, eds. *Meeting the Mental Health Needs of Developing Countries; NGO Innovations in India*. New Delhi: Sage; 2003.

Radiology

- Palmer PES, Reeder MM. *The Imaging of Tropical Diseases with Epidemiological, Pathological and Clinical Correlation*. 2nd edn. Berlin: Springer; 2001: 2 vols.
- Vogel H. *Tropen-Radiologie; Röntgendiagnostik in der Dritten Welt*. Landsberg: Ecomed; 1994.

Refugee health and disaster relief

- Adams J. *Managing Water Supply and Sanitation in Emergencies*. Oxford: Oxfam; 1999. (Skills and Practice Series).
- Ciottonne GR, Anderson PD, Auf Der Heide E, et al., eds. *Disaster Medicine*. Philadelphia: Mosby Elsevier; 2006.
- Kemp C, Rasbridge L. *Refugee and Immigrant Health; A Handbook for Health Professionals*. Cambridge: Cambridge University Press; 2004.
- Landesman LY. *Public Health Management of Disasters: The Practice Guide*. 2nd edn. Washington: American Public Health Association (APHA); 2005.
- McConnan I, ed. *Humanitarian Charter and Minimum Standards in Disaster Relief*. Geneva: Sphere Project; Oxford: Oxfam; 2000 (also available in French).
- Médecins sans Frontières (MSF). *Refugee Health: An Approach to Emergency Situations*. London: Macmillan; 1997.
- Redmond AD, Mahoney PF, Ryan JM, et al., eds. *ABC of Conflict and Disaster*. Malden: Blackwell; 2006.
- Rigal J, Szumlin E, eds. *Clinical Guidelines; Diagnostic and Treatment Manual for Curative Programs in Rural Hospitals, Dispensaries and Refugee Camps, for the Use of Doctors and Nurses*. 4th edn. Paris: Médecins Sans Frontières (MSF); 1999.
- UNHCR. *Reproductive Health in Refugee Situations: An Inter-agency Field Manual*. Geneva: United Nations High Commissioner for Refugees; 1999.
- WHO. *Mental Health of Refugees*. Geneva: World Health Organization; 1996.
- Wisner B, Blaikie P, Cannon T, et al. *At Risk; Natural Hazards, People's Vulnerability and Disasters*. 2nd edn. London: Routledge; 2004.

Respiratory medicine

- Pande JN, ed. *Respiratory Medicine in the Tropics*. Delhi: Oxford University Press; 1998.
- Sharma OP, ed. *Lung Disease in the Tropics*. 2nd edn. New York: Taylor and Francis; 2006.

Rheumatology

- McGill PE, Adebajo AO. *Tropical Rheumatology*. London: Baillière Tindall; 1995.

Sexually transmitted infections and HIV/AIDS

- Arya OP, Hart CA, eds. *Sexually Transmitted Infections and AIDS in the Tropics*. Wallingford, : CABI; 1998.
- Beck EJ, Mays N, Whiteside AW, et al., eds. *The HIV Pandemic: Local and Global Implications*. Oxford: Oxford University Press; 2006.
- Essex M, Mboup S, Kanki PJ, et al., eds. *AIDS in Africa*. 2nd edn. New York: Kluwer Academic/Plenum; 2002.
- Hoffman C, Rockstroh JK, Kamps BS. *HIV Medicine 2007*. 15th edn. Paris: Flying Publishers; 2007. Online. Available: <http://www.hivmedicine.com/>
- Holmes KK, Mårdh PA, Sparling PF et al. *Sexually Transmitted Diseases*. 3rd edn. New York: McGraw-Hill; 1999.
- Lynen L. *Clinical HIV/AIDS Care Guidelines for Resource-poor Settings*. 2nd edn. Brussels: Médecins Sans Frontières (MSF); 2006.
- Morse SA, Moreland AA, Holmes KK, eds. *Atlas of Sexually Transmitted Diseases and AIDS*. 2nd edn. London: Mosby-Wolfe; 1995.
- Nelson AL, Woodward J, eds. *Sexually Transmitted Diseases; A Practical Guide for Primary Care*. Totowa: Humana Press; 2006 (+ CDROM).

Appendix V. Sources of Information in Tropical Medicine

- Pattman R, Snow M, Handy P, et al., eds. *Oxford Handbook of Genitourinary Medicine, HIV and AIDS*. Oxford: Oxford University Press; 2005.
- UNAIDS. 2006 *Report on the Global AIDS Epidemic; A UNAIDS 10th Anniversary Special Edition*. Geneva: Joint United Nations Programme on HIV/AIDS (UNAIDS); 2006 (+ CD-ROM).
- Valerio A, Bundy D, eds. *Education and HIV/AIDS; A Sourcebook of HIV/AIDS Prevention Programs*. Washington, DC: International Bank for Reconstruction and Development/World Bank; 2004: 359 pp. (African Region Human Development Series).
- Volberding PA, Sande MA, Lange J, et al., eds. *Global HIV/AIDS Medicine*. Philadelphia: Saunders Elsevier; 2008.
- Wormser GP, ed. *AIDS and Other Manifestations of HIV Infection*. 4th edn. Amsterdam: Elsevier Academic Press; 2004.

Surgery

- Brigand M. *Les Gestes de Base du Chirurgien en Mission Humanitaire*. Paris: Masson; 1995.
- Cohen RV, Aun F, eds. *Tropical Surgery*. Basel: Karger; 1997.
- Courbil LJ. *Chirurgie d'Urgence en Situation Précaire*. Paris: Pradel; 1996.
- Husum H, Ang SC, Fosse E. *War Surgery; Field Manual*. Penang: Third World Network; 1995.
- Husum H, Gilbert M, Wisborg T. *Save Lives, Save Limbs; Life Support for Victims of Mines, Wars, and Accidents; A Handbook for Medics and Medical Teachers*. Penang: Third World Network; 2000.
- Kamel R, Lumley J, eds. *Textbook of Tropical Surgery*. London: Westminster Publishing; 2004.
- King M, Bewes P, Cairns J, Thornton J, eds. *Primary Surgery*. Oxford: Oxford Medical Publications; 1993: 2 vols.
- Rosenfeld JV, Watters DAK. *Neurosurgery in the Tropics*. London: Macmillan; 2000.
- Sandford-Smith J, Hughes D. *Eye Surgery in Hot Climates*. Anstey: Thorpe; 1994.
- WHO. *Surgical Care at the District Hospital*. Geneva: World Health Organization; 2003.

Travel medicine

- Auerbach PS, ed. *Wilderness Medicine*. 5th edn. St Louis: Mosby-Yearbook; 2007.
- Behrens RH, McAdam KP, eds. *Travel Medicine*. Edinburgh: Churchill Livingstone; 1993. (*British Medical Bulletin*; 49(2)).
- Arguin PM, Kozarsky PE, Navin AW. *Health Information for International Travel 2005–2006*. Philadelphia: Elsevier Mosby; 2005.
- Bia FJ, Hill DR, eds. *Travel and Tropical Medicine*. Philadelphia: Saunders; 2005. (*Infectious Disease Clinics of North America*; 19(1)).
- Chiodini J, Boyne L. *Atlas of Travel Medicine and Health*. Hamilton: BC Decker; 2003 (+ CD-ROM).
- Dawood R, ed. *Traveller's Health; How to Stay Healthy Abroad*. 4th edn. Oxford: Oxford University Press; 2002.
- DuPont HL, Steffen R. *Textbook of Travel Medicine and Health*. 2nd edn. Hamilton: BC Decker; 2001.
- Ericsson CD, DuPont HL, Steffen R. *Traveler's Diarrhea*. Hamilton: BC Decker; 2003 (+ CD-ROM).
- Freedman DO, ed. *Travel Medicine*. Philadelphia: Saunders; 1998. (*Infectious Disease Clinics of North America* 12(2)).
- Goodyer LI. *Travel Medicine for Health Professionals*. London: Pharmaceutical Press; 2004.
- Jong EC, McMullen R, eds. *The Travel and Tropical Medicine Manual*. 3rd edn. Philadelphia: WB Saunders; 2003.
- Jong EC, Zuckerman JN. *Travelers' Vaccines*. Hamilton: BC Decker; 2004.
- Kassianos GC. *Immunization: Childhood and Travel Health*. 4th edn. Oxford: Blackwell Science; 2001.
- Keystone JS, Kozarsky PE, Freedman DO, et al., eds. *Travel Medicine*. Edinburgh: Mosby; 2004 (+ CD-ROM).
- Schlagenhauf-Lawlor P. *Travelers' Malaria*. Hamilton: BC Decker; 2001.

- Steffen R, DuPont HL, Wilder-Smith A. *Manual of Travel Medicine and Health*. 2nd edn. Hamilton: BC Decker; 2003 (+ CD-ROM).
- WHO. *International Travel and Health; Situation as on 1 January 2007*. Geneva: World Health Organization; 2007.
- Zuckerman JN, ed. *Principles and Practice of Travel Medicine*. Chichester: Wiley; 2001.

Tuberculosis

- Cole ST, Eisenach KD, McMurray DN, et al. *Tuberculosis and the Tubercle Bacillus*. Washington: ASM Press; 2005.
- Crofton J, Horne N, Miller F. *Clinical Tuberculosis*. 2nd edn. London: Macmillan; 1999.
- Davies PDO, ed. *Clinical Tuberculosis*. 3rd edn. London: Arnold; 2003.
- Frieden T, ed. *Toman's Tuberculosis Case Detection, Treatment, and Monitoring; Questions and Answers*. 2nd edn. Geneva: World Health Organization (WHO); 2004. (WHO/HTM/TB/2004.334).
- Friedman LN, ed. *Tuberculosis; Current Concepts and Treatment*. 2nd edn. Boca Raton: CRC Press; 2001.
- Harries A, Maher D, Graham S. *TB/HIV, A Clinical Manual*. 2nd edn. Geneva: World Health Organization (WHO); 2004. (WHO/HTM/TB/2004.329) (also available in French).
- Iseman MD. *A Clinician's Guide to Tuberculosis*. Philadelphia: Lippincott Williams and Wilkins; 2000.
- Kaufmann SHE. *Handbook of Tuberculosis*. New York: John Wiley; 2008: 3 vols.
- Madkour MM, ed. *Tuberculosis*. Berlin: Springer; 2004.
- Porter JDH, Grange JM, eds. *Tuberculosis: An Interdisciplinary Perspective*. London: Imperial College Press; 1999.
- Raviglione MC, ed. *Reichman and Hershfield's Tuberculosis: A Comprehensive International Approach*. 3rd edn. New York: Informa Healthcare USA; 2006: 2 vols. (*Lung Biology in Health and Disease*; 219).
- Rieder HL. *Epidemiologic Basis of Tuberculosis Control*. Paris: International Union Against Tuberculosis and Lung Disease (IUATLD); 1999.
- Rom WN, Garay SM, eds. *Tuberculosis*. 2nd edn. Philadelphia: Lippincott Williams and Wilkins; 2004.
- Schlossberg D, ed. *Tuberculosis and Nontuberculous Mycobacterial Infections*. 5th edn. New York: McGraw Hill Medical; 2006.
- WHO. *Guidelines for the Programmatic Management of Drug-resistant Tuberculosis*. Geneva: World Health Organization; 2006. Online. Available: http://whqlibdoc.who.int/publications/2006/9241546956_eng.pdf

A broader up-to-date selection of tropical medicine-related books can be found online, available: http://lib.itg.be/tmlist_e.htm. The World Health Organization distributes a standard collection of 150 essential health sciences books named 'Blue Trunk Library' in developing countries, online, available: http://www.who.int/ghl/mobile_libraries/bluetrunk/ also available in French.

ELECTRONIC BOOKS

More books are becoming available in electronic format. In addition to CD-ROM versions with either the full text or supplementary material, web editions of textbooks are becoming quite popular. These may be free to purchasers of the print edition, with a unique login code available inside the printed book, or as part of a thematic collection of dozens or hundreds of e-books one can subscribe to. The World Health Organization, for instance, has made freely available online a large part of its collection (<http://whqlibdoc.who.int/>). The following portals also list useful freely available titles, but they are by no means limited to tropical medicine resources:

Box V.2

The internet is now an indispensable source of information in medicine and has become the vehicle for making available databases, electronic journals, online textbooks, slide-sets, as well as a means of communication between individuals for e-mail and participation in professional discussion lists. However, there is evidence that the 'information gap' between the developed and developing world has been increasing because telecommunication networks in the developing world are not sufficiently reliable or advanced to enable widespread access to the internet. This is beginning to change and many urban areas in Africa, for example, now have access to the internet, but usually at some cost to the individual. This inequity has at last been recognized and there are initiatives, such as the HINARI scheme (<http://www.who.int/hinari/>) and Healthcare Information for All by 2015 (HIFA2015) (<http://www.ghi-net.org/>), which are attempting to address this.

Guides to searching the internet

Kiley R. *Medical Information on the Internet: A Guide for Health Professionals*. 3rd edn. Edinburgh: Churchill Livingstone; 2003.
McKenzie BC. *Medicine and the Internet*. 3rd edn. Oxford: Oxford University Press; 2002.

Rumsey S. *How to Find Information: A Guide for Researchers*. Maidenhead: Open University Press; 2004.

Health Information on the Internet. Royal Society of Medicine Press; 1998-. ISSN 1460-4140. Online. Available: <http://www.rsmprss.co.uk/hii.htm> (current awareness newsletter).

NCBI Bookshelf: <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=Books>

Free Books for Doctors: <http://www.freebooks4doctors.com/>

MedicalStudent.Com: <http://www.medicalstudent.com/>

TUTORIALS, INTERACTIVE AND VISUAL AIDS MATERIAL

DPDx – Laboratory Identification of Parasites of Public Health Concern. Centers for Disease Control and Prevention (CDC).

Online. Available: <http://www.dpd.cdc.gov/dpdx/>

Dermatology Online Atlas. Online. Available: <http://www.dermis.net/>

GIDEON – Global Infectious Disease and Epidemiology Network. Online. Available: <http://www.gideononline.com/> (Online subscription-based knowledge management tool that helps you diagnose infectious diseases and stay up to date on the latest trends in epidemiology and treatment.)

Illustrated Lecture Notes on Tropical Medicine, Prince Leopold Institute of Tropical Medicine (ITM), Antwerp, Belgium. <mailto:info@itg.be> Online. Available: <http://www.itg.be/itg/DistanceLearning/LectureNotesVandenEndenE/index.htm>. (The English edition is freely available from this website; English and Spanish editions can be obtained on CD-ROM at a low price.)

KABISA. ITM: a computer-based program for training in diagnostic problems in (sub-)tropical regions, covering three continents and eight languages. The CD-ROM can be obtained free from ITM (see above).

Teaching Aids at Low Cost (TALC). PO Box 49, St Albans, Herts AL1 5TX, UK. Online. Available: <http://www.talcuk.org/>. (Slide sets and books for sale at low cost, as well as a series of free CD-ROMs containing teaching materials, articles and other full-text information.)

Topics in International Health. Wellcome Trust, London. Online. Available: <http://www.wellcome.ac.uk/node5810.html>; now distributed by TALC (see above). CD-ROM series each containing interactive tutorials, hundreds of photographic images and a glossary of terms: Acute Respiratory Infection; Dengue; Diarrhoeal Diseases; HIV/AIDS (2nd edn.); Human African Trypanosomiasis; Leishmaniasis; Leprosy; Malaria (3rd edn.); Nutrition; Schistosomiasis; Sexually Transmitted Infections (2nd edn.); Sickle Cell Disease; Trachoma (2nd edn.); Tuberculosis. Prices discounted for individuals and users from developing countries.

WHO Special Programme for Research and Training in Tropical Diseases (TDR) Image Library. Online. Available: <http://www.who.int/tdr/media/image.html>.

JOURNALS

In most scientific specialties there is an implicit hierarchy with different tiers of journals, often based on perceived quality of peer review (incl. rejection rates) and coverage by popular databases, which enhances international visibility. A first group of tropical medicine journals are those that are covered both by PubMed/Medline and the Web of Knowledge (WoK), respectively the world's foremost biomedical bibliographic database and interdisciplinary citation database. Coverage by the latter is a necessary condition to obtain an impact factor (IF), an indicator of the annual number of citations a journal receives per article published during the two previous years. Although a highly disputed issue, IFs have become *de facto* status symbols for scientific journals. The following tropical medicine titles belong to this category and are listed here in alphabetical order. Although a minority, non-English quality journals are also included.

Acta Tropica. Elsevier, 1944-. ISSN 0001-706X. Online. Available: <http://www.sciencedirect.com/>

American Journal of Tropical Medicine and Hygiene. American Society of Tropical Medicine and Hygiene, 1921-. ISSN 0002-9637. Online. Available: <http://www.ajtmh.org/>

Annals of Tropical Medicine and Parasitology. Maney Publishing, 1907-. ISSN 0003-4983. Online. Available: <http://www.maney.co.uk/search?fwaction=show&fwid=142>

Annals of Tropical Paediatrics. Maney Publishing, 1981-. ISSN 0272-4936. Online. Available: <http://www.maney.co.uk/search?fwaction=show&fwid=143>

International Journal of Leprosy and Other Mycobacterial Diseases. International Leprosy Association, 1933-2005. ISSN 0148-916X. Online. Available: <http://www.leprosyjournal.org/> (recently discontinued)

Journal of Tropical Pediatrics. Oxford University Press, 1955-. ISSN: 0142-6338. Online. Available: <http://oxfordjournals.org/tropej/>

Leprosy Review. LEPRO, 1930-. ISSN 0305-7518. Online. Available: <http://www.leprosy-review.org.uk/>

Malaria Journal. BioMed Central, 2002-. ISSN 1475-2875. Online. Available: <http://www.malariajournal.com/>

Memórias do Instituto Oswaldo Cruz. Instituto do Oswaldo Cruz, 1909-. ISSN 0074-0276. Online. Available: <http://www.scielo.br/>

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Transactions of the Royal Society of Tropical Medicine and Hygiene. Elsevier, 1907–. ISSN 0035-9203. Online. Available: <http://sciencedirect.com/>
Tropical Doctor. Royal Society of Medicine Press, 1971–. ISSN 0049-4755. Online. Available: <http://www.rsmppress.co.uk/td.htm>
Tropical Medicine and International Health: TM&IH. Blackwell Science, 1996–. ISSN 1360-2276. Online. Available: <http://www.blackwell-synergy.com/loi/tmi/>

A second list features a number of (regional) journals that are not included in the WoK citation databases but are covered by PubMed/Medline and as such are also highly visible:

African Journal of Health Sciences. The African Forum for Health Sciences (AFHES), 1994–. ISSN 1022-9272. Online. Available: <http://www.ajol.info> or <http://www.bioline.org.br/>
African Journal of Medicine and Medical Sciences. Spectrum Books, 1970–. ISSN 0002-0028.
African Journal of Reproductive Health/La Revue Africaine de la Santé Reproductive. Women's Health and Action Research Centre, 1997–. ISSN 1118-4841. Online. Available: <http://www.ajol.info/> or <http://www.bioline.org.br/>
Bulletin de la Société de Pathologie Exotique. Société de Pathologie Exotique, 1908–. ISSN 0037-9085. Online. Available: <http://www.pathexo.fr/> (was included in the WoK until 2004).
Cahiers [d'Etudes et de Recherches Francophones] Santé. John Libbey Eurotext, 1991–. ISSN 1157-5999. Online. Available: http://www.jle.com/fr/revues/sante_pub/san/archives.md?type=text.html
Central African Journal of Medicine. Faculty of Medicine, University of Zimbabwe, 1955–. ISSN 0008-9176. Online. Available: <http://www.ajol.info/>
Dakar Médical. Société Médicale d'Afrique Noire de Langue Française, 1956–. ISSN 0850-797X.
East African Medical Journal. Kenya Medical Association, 1923–. ISSN 0012-835X. Online. Available: <http://www.ajol.info/> (was included in the WoK until 2001).
Eastern Mediterranean Health Journal/Revue de Santé de la Méditerranée Orientale. WHO Regional Office for the Eastern Mediterranean, 1995–. ISSN 1020-3397. Online. Available: <http://www.emro.who.int/publications/emhj/>
Journal of Health Population and Nutrition (incorporating the *Journal of Diarrhoeal Diseases Research*). International Centre for Diarrhoeal Disease Research, Bangladesh (ICDDR,B), 1983–. ISSN 1606-0997. Online. Available: <http://www.icddr.org/jhpn/>
Médecine Tropicale. Institut de Médecine Tropicale du Service de Santé des Armées (IMTSSA) Le Pharos, 1941–. ISSN 0025-682X. Online. Available: http://www.actu-pharos.com/html/revue_.html
MMWR – Morbidity and Mortality Weekly Report. Centers for Disease Control and Prevention (CDC), 1950–. ISSN 0149-2195. Online. Available: <http://www.cdc.gov/mmwr/>
Revista Cubana de Medicina Tropical. Instituto de Medicina Tropical Pedro Kouri, 1945–. ISSN 0375-0760. Online. Available: <http://www.scielo.sld.cu/scielo.php/>
Revista da Sociedade Brasileira de Medicina Tropical. Sociedade Brasileira de Medicina Tropical, 1968–. ISSN 0037-8682. Online. Available: <http://www.scielo.br/>
Revista do Instituto de Medicina Tropical de São Paulo. Instituto de Medicina Tropical de São Paulo, 1959–. ISSN 0036-4665. Online. Available: <http://www.scielo.br/>
Southeast Asian Journal of Tropical Medicine and Public Health. SEAMEO TROPED Network, 1970–. ISSN 0038-3619. Online. Available: <http://www.tm.mahidol.ac.th/en/seameo/publication.htm>
Vector-Borne and Zoonotic Diseases. Mary Ann Liebert, 2001–. ISSN 1530-3667. Online. Available: <http://www.liebertpub.com/>
Weekly Epidemiological Record/Relevé Épidémiologique Hebdomadaire. World Health Organization (WHO), 1925–. ISSN 0049-8114. Online. Available: <http://www.who.int/wer/>
West African Journal of Medicine. West African College of Physicians and West African College of Surgeons, 1982–. ISSN 0189-160X. Online. Available: <http://www.ajol.info/>

So far, only a few dozen 'tropical medicine' journals are listed. As stated in the introduction, tropical medicine research relies heavily on the literature of related specialties such as parasitology, entomology, microbiology, immunology, infectious diseases and others, as well as on the general medicine journals. A selection of such journals include:

Advances in Parasitology. Academic Press, 1963–. ISSN 0065-308X. Online. Available: <http://www.harcourt-international.com/serials/parasitology/>
AIDS. Lippincott Williams and Wilkins, 1987–. ISSN 0269-9370. Online. Available: <http://www.aidsonline.com>
BMJ – British Medical Journal. BMJ Publishing Group 1832–. ISSN 0959-8146. Online. Available: <http://www.bmj.com/>
Bulletin of the World Health Organization. WHO, 1947–. ISSN 0043-9686. Online. Available: <http://www.who.int/bulletin/>
Clinical Infectious Diseases. University of Chicago Press, 1979–. ISSN 1058-4838. Online. Available: <http://www.journals.uchicago.edu/CID/journal/>
Emerging Infectious Diseases. NCID, Centers for Disease Control and Prevention (CDC), 1995–. ISSN 1080-6040. Online. Available: <http://www.cdc.gov/ncidod/eid/>
Experimental Parasitology. Elsevier, 1951–. ISSN 0014-4894. Online. Available: <http://www.sciencedirect.com/>
Infection and Immunity. American Society for Microbiology (ASM), 1970–. ISSN 0019-9567. Online. Available: <http://iai.asm.org/>
International Journal of STD and AIDS. Royal Society of Medicine Press, 1990–. ISSN 0956-4624. Online. Available: <http://www.rsmppress.co.uk/std.htm>
International Journal of Tuberculosis and Lung Disease. International Union Against Tuberculosis and Lung Disease (IUATLD), 1997–. ISSN 1027-3719. Online. Available: <http://www.iuatld.org/>
Journal of Clinical Microbiology. American Society for Microbiology (ASM), 1975–. ISSN 0095-1137. Online. Available: <http://jcm.asm.org/>
Journal of Immunology. American Association of Immunologists, 1916–. ISSN 0022-1767. Online. Available: <http://www.jimmunol.org/>
Journal of Infectious Diseases. University of Chicago Press, 1904–. ISSN 0022-1899. Online. Available: <http://www.journals.uchicago.edu/JID/journal/>
Journal of Medical Entomology. Entomological Society of America, 1964–. ISSN 0022-2585. Online. Available: <http://www.ingentaconnect.com/content/esa/jime/>
Journal of Parasitology. American Society of Parasitologists, 1914–. ISSN 0022-3395.
Journal of Travel Medicine. Blackwell, 1994–. ISSN 1195-1982. Online. Available: <http://www.blackwellpublishing.com/subs.asp?ref=1195-1982>
Lancet. *The Lancet*, 1823–. ISSN 0140-6736. Online. Available: <http://www.thelancet.com/> (In addition to its status as a top class Western general medical journal, *The Lancet* is nowadays also profiling itself as a major forum for global health issues.)
Lancet Infectious Diseases. The Lancet, 2001–. ISSN 1473-3099. Online. Available: <http://www.thelancet.com/journals/laninf/>
Molecular and Biochemical Parasitology. Elsevier, 1980–. ISSN 0166-6851. Online. Available: <http://www.sciencedirect.com/>
New England Journal of Medicine. Massachusetts Medical Society, 1812–. ISSN 0028-4793. Online. Available: <http://content.nejm.org/>
Parasitology. Cambridge University Press, 1908–. ISSN 0031-1820. Online. Available: <http://128.232.233.5/action/displayJournal?jid=PAR>
Proceedings of the National Academy of Sciences of the USA. NAS, 1903–. ISSN 0027-8424. Online. Available: <http://www.pnas.org/>
Trends in Parasitology [formerly *Parasitology Today*]. Elsevier, 1985–. ISSN 1471-4922. Online. Available: <http://www.sciencedirect.com/>

ELECTRONIC JOURNALS PORTALS, OPEN ACCESS AND OPEN ARCHIVES

Most of the journals listed here are available online, although are not necessarily free. At the very least, journal websites will give

tables of contents and selected full text articles free, but format and access policies vary greatly between different publishers. Website addresses (URLs) have mostly been kept short – as they tend to change over time. Also, online journal editions may be available from different websites or be grouped in various portals, such as:

African Journals Online (INASP – International Network for the Availability of Scientific Publications). Online. Available: <http://www.ajol.info/> (Access to over 300 African scientific journals; no free full text, but a document delivery service is provided.)

BMC – BioMed Central. Online. Available: <http://www.biomed-central.com/browse/journals/> (Over 150 electronic-only open access journals; listed in PubMed Central.)

DOAJ – Directory of Open Access Journals (Lund University Libraries) Online. Available: <http://www.doaj.org/> (Portal with over 3000 open access journals.)

Free Medical Journals (Hardin MD). Online. Available: <http://www.lib.uiowa.edu/hardin/md/ej.html> (Subject searches, limited to free articles in PubMed.)

Free Medical Journals site (Amedeo Group). Online. Available: <http://www.freemedicaljournals.com/> (Over 400 free journals; with a useful and free current awareness service, i.e. subscribers receive weekly e-mail notifications about newly published articles on selected topics.)

HighWire Free Medical Journals. Online. Available: <http://highwire.stanford.edu/lists/freeart.dtl> (Over 1800000 free articles.)

HINARI – Health InterNetwork Access to Research Initiative. Online. Available: <http://www.who.int/hinari/> (Free or low cost access for developing countries to over 3500 quality journals).^{3,4}

INASP/PERI – International Network for the Availability of Scientific Publications. Programme for the Enhancement of Research Information. Online. Available: <http://www.inasp.info/peri/index.shtml> (Access to over 11,000 full text journals (incl. extensive bibliographic database information and document delivery) for not-for-profit institutes in developing countries.)

OAster. Online. Available: <http://oaister.umdl.umich.edu/o/oaister> (Open archives union catalogue of over 15 million digital resources from over 900 contributors (also includes journal articles).)

Open J-Gate (Informatics India Ltd). Online. Available: <http://www.openj-gate.com/> (Over 3900 open access journals.)

PLoS: Public Library of Science journals. Online. Available: <http://www.plos.org/> (Eight open access journals, including ‘PLoS Neglected Tropical Diseases’.

PMC: PubMed Central (NIH – National Institutes of Health). Online. Available: <http://www.pubmedcentral.nih.gov/> (Over 400 open access journals. Many long established high impact journals (as well as new journals, including the BMC series of online journals) offer their backsets free – several stretching back many decades to their very first volume – but there is generally an embargo for the most recent issues.)

SciELO: Scientific Electronic Library Online (BIREME). Online. Available: <http://www.scielo.org/>: Portal with over 500 Latin American open access journals.

For a detailed and up-to-date list of tropical medicine-related electronic journal editions the reader is referred to: <http://lib.itg.be/journals.htm>. As this is not a portal as such, accessibility of full text will depend on publisher policy and the requester’s subscription status for each individual journal.

Electronic journals have the additional advantage that they are less restricted by paper length and may include multimedia. Articles are often published immediately after peer review and revision without the need to wait until a complete issue is ready. A disadvantage is that even for online-only journals with good peer review standards start-up and maintenance costs are still high. While major initiatives such as the PLoS journals initially receive large funds from (inter)national organizations to keep them viable, it will be the authors, or their funding bodies, that will have to pay the costs. Some, such as the US National Institutes of Health, Wellcome Trust and UK Medical Research Council, already underwrite publication costs as an inherent – yet relatively small – part of their research financing. So ironically it may turn out that researchers with acceptable Internet connections but poor financing may be able to access most of the biomedical literature, but not to contribute to it. However, many open access publishers have policies to waive publication fees for authors from developing countries, while maintaining peer review conditions.

Another interesting development is the open archives movement, with important statements of intent made by the Budapest Open Archives Initiative (2001), the Berlin Declaration (2003), the Bethesda Statement (2003) and several others. The premise is that universities and research institutes regain some control of at least the published output of their own researchers and make this available worldwide via institutional repositories, which in their turn are indexed by Google-like indexes such as OAster. Discussion is still continuing about what can be distributed by repositories and what remains the exclusive (copyright) domain of the publisher (e.g. preprints vs definitive versions), but it is undoubtedly a development that will add to the growing corpus of open access publications.

Stories of once flourishing university and hospital libraries in developing countries with collections dried up to just a few (donated) or no journal subscriptions and a few dozen out-of-date books are sadly well-known. Some of the resources listed in this chapter may offer new opportunities here. Especially the open access and open archives movements, and initiatives like HINARI offer great hopes of universal access to health information⁵⁻⁷ – if suitable internet connections are available. If not, CD-ROM distribution is a possible option (e.g. the first 10 years of the journal *Tropical Medicine and International Health* are now available on a single CD-ROM). Yet access is only one side of information deficiency. One of the paradoxes of present-day health sciences – known as the 10/90 divide – is that less than 10% of biomedical research resources is spent on diseases responsible for 90% of the worldwide disease burden.⁸ Developing countries are generally under-represented in the international biomedical literature and databases^{8-12, (and many others)}. Yet in tropical medicine they do publish a considerable amount of research and receive their well-earned share of citations.^{13,14} Tropical medicine journals clearly make worthwhile efforts to bridge the geographical gap in health research publishing.^{15,16}

The size of the *Journal Citation Reports* tropical medicine category (12 journals) already indicates that it is a relatively small

Appendix V. Sources of Information in Tropical Medicine

Box V.3 Distribution of malaria articles in medical journals

High impact, general journals have higher circulations and also a wider audience than specialist journals. Authors wishing to publish their work face a dilemma: publish in a specialist journal for a smaller audience or publish in a more general journal with a larger readership and potentially higher rates of citation? To test this, a simple study was carried out looking at the distribution and the citation rates of articles published on malaria between the years 2003 and 2004.

The total number of articles on malaria published in these years by the journals listed in the multidisciplinary database 'Web of Science' (Thomson Scientific) was 4179. Of those articles, only 770 (18.4%) were published in journals categorized as tropical medicine (TM) journals (see Table V.1). The remaining 3409 articles were published in other journals. Of these, the 12 journals with the most malaria papers published 837 articles.

Analysis of the articles published on malaria between the years 2003 and 2004 revealed the following results. The citation rates used are those which were quoted on 'Web of Science' at the time of study (December 2006). An article published in a journal within the TM category was found to have an average citation rate of 6.06 citations. Articles published in the 12 non-TM journals most frequently publishing articles on malaria had an average citation rate of 9.92. Finally, articles published in the rest of the non-TM category had an average citation rate of 7.76 citations. These results suggest that publication of an article on malaria has the best citation opportunities if it is published in a top non-TM journal. These results invite more thorough research, involving more tropical medicine-related topics and additional parameters.

specialty, with a modest top impact factor of 2.482 and an average of 1.540. Immunology, to take an extreme example, contains 115 journals and has a top IF of 47.400 and an average of 4.181. The Infectious diseases category contains 43 journals, a top IF of 10.008 and an average of 4.434 (all 2005 values). But as stated before, tropical medicine research draws on resources from other specialties and general medicine (Table V.1).

Databases

Many biomedical databases are now available free via the Internet. Those most useful in the field of tropical medicine are listed below with some of the more general multispecialty databases such as PubMed. An understanding of database structure and indexing is an essential prerequisite of any database search if papers are not to be missed. It is therefore well worthwhile using individual database manuals and help screens before searching.¹⁷ As a general rule, the more databases searched the more material will be found, since each database will contain materials not included in other databases. As the successors of the abstracting and indexing journals, bibliographic databases list the contents and in some cases selected abstracts of specialist journals and sometimes will include books, conference proceedings, reports and other forms of publication. Most can be searched by subject and author name, but some will enable geographic and taxonomic searching.

PubMed, National Library of Medicine, Bethesda MD, USA (<http://pubmed.gov/>), 1950–. PubMed is now the most popular emanation of the Medline database, which itself was launched in the 1960s as an electronic edition of the printed Index Medicus, which started as an information retrieval tool in the late nineteenth century. As the best-known general medical database PubMed covers about 4500 journals with abstracts from most of them and is continually updated. It includes the most important journals of tropical medicine, but its main use is for information

Table V.1 Comparison of the 12 tropical medicine (TM) journals as defined by Web of Science with the 12 non-tropical medicine journals publishing the most articles on malaria in 2003–2004

THE 12 TM JOURNALS			THE 12 NON-TM JOURNALS		
Journal	<i>n</i>	Cumulative	Journal	<i>n</i>	Cumulative
1. <i>Am J Trop Med Hyg</i>	239	239	1. <i>Mol Biochem Parasitol</i>	110	110
2. <i>Trop Med Int Health</i>	136	375	2. <i>Infect Immun</i>	98	208
3. <i>Trans R Soc Trop Med Hyg</i>	108	483	3. <i>Trends Parasitol</i>	96	304
4. <i>Acta Trop</i>	86	569	4. <i>Lancet</i>	86	390
5. <i>Malar J</i>	77	646	5. <i>J Infect Dis</i>	74	464
6. <i>Ann Trop Med Parasitol</i>	68	714	6. <i>Antimicrob Agents Chemother</i>	64	528
7. <i>Mem Inst Oswaldo Cruz</i>	19	733	7. <i>J Biol Chem</i>	62	590
8. <i>Trop Doct</i>	15	748	8. <i>J Travel Med</i>	56	646
9. <i>J Trop Pediatr</i>	8	756	9. <i>J Med Entomol</i>	53	699
10. <i>Ann Trop Paediatr</i>	7	763	10. <i>Parasitol Res</i>	49	748
11. <i>Bull Soc Pathol Exot</i>	4	767	11. <i>Int J Parasitol</i>	46	794
12. <i>Lepr Rev</i>	3	770	12. <i>Proc Natl Acad Sci U S A</i>	43	837

Chart comparing the total number of articles published on malaria in tropical medicine (TM) journals and those excluded from the tropical medicine category of Web of Science

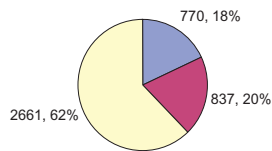


Chart comparing the total number of citations received by articles published on malaria in tropical medicine (TM) journals and those excluded from the tropical medicine category of Web of Science

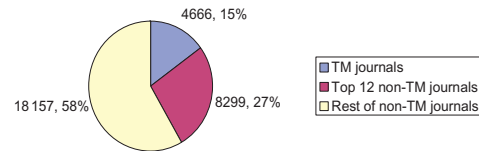


Figure V.1 ••

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on tropical diseases which is published in general medical journals and journals of other medical specialties.

Global Health, CABI Publishing, Wallingford, UK (<http://www.cabi.org/>), 1973–. An important subscription-based database for tropical medicine and parasitology incorporating many of the health-related abstracting journals from CABI. Unlike PubMed, Global Health is not strictly limited to journal articles but also covers books, reports and symposia. It contains over 1,200,000 records, with 80 000 added each year. Literature from about 130 countries is included, with a strong emphasis on clinical and laboratory-based aspects of tropical medicine. Its particular strength is in infectious diseases in the developing world, but it also includes material on human nutrition, medical entomology, medicinal plants and venomous animals. Global Health is a subset of the CAB Abstracts database and includes the contents of the following specialty bibliographic indexes, which are also available separately in monthly printed issues: *Abstracts on Hygiene and Communicable Diseases*, *Helminthological Abstracts*, *Nutrition Abstracts and Reviews*, *Protozoological Abstracts*, *Review of Medical and Veterinary Entomology*, *Review of Medical and Veterinary Mycology*, *Tropical Diseases Bulletin*. Recently the Global Health Archive (1910–1972) has become available, with over 800 000 records previously not included in the Global Health database; this historical database is an essential source for the early history of tropical medicine research.

Web of Knowledge (incl. Science Citation Index), Thomson Scientific (formerly ISI, Institute for Scientific Information), Philadelphia, PA, USA (<http://isiwebofknowledge.com/>). Subscription-based multidisciplinary science database series particularly useful for citation searching. This enables searching for citations to a known reference, thus getting more recent papers relating thematically to the known reference. As such it is in the first place a clever subject retrieval tool, yet its popular meritocratic uses (e.g. for identifying highly-cited authors, or journal hierarchies based on impact factors) appear to have overshadowed this original purpose. Minimum delay in the indexing process, making this one of the more up-to-date online resources.

Additional databases

African Healthline, NISC South Africa. Online. Available: <http://www.nisc.com/factsheets/qaha.asp> (Collection of bibliographic databases covering all aspects of African health issues, the earliest beginning in 1924. Some 900 000 records; 2 CD-ROMs with quarterly updates.)

African Index Medicus, WHO Regional Office for Africa, Brazzaville, Congo. Online. Available: <http://indexmedicus.afro.who>.

int/ , 1990– ; (Quarterly, free. Comprises medical references with selected abstracts from material published in and about Africa, and includes journals, books, reports, theses etc. It includes African medical journals not indexed in other abstracting/indexing journals. Author and subject indexes are included.)

CRD – Centre for Reviews and Dissemination Databases, UK. Online. Available: <http://www.york.ac.uk/inst/crd/crddatabases.htm> (e.g. DARE – Database of Abstracts of Reviews of Effects; also included in the Cochrane Library).

Clinical Evidence, BMJ. Online. Available: <http://www.clinicalevidence.com/> 1999–, updated every 6 months. (A compendium of what works in health care. Subscription database, but free to developing countries through HINARI at: <http://www.who.int/hinari/>).

ClinicalTrials.gov, US National Institutes of Health, National Library of Medicine. Online. Available: <http://clinicaltrials.gov/> (Describes over 36 000 clinical studies in over 130 countries. Useful for recruiting trials; complements Cochrane Library's bibliography of (published) clinical trials.)

Cochrane Library, John Wiley. Online. Available: <http://www.thecochranelibrary.com/> 1996–, quarterly updates. (The major resource for evidence-based medicine comprising several databases. Included is a database of about 3000 full-text systematic reviews (+ 1600 review protocols), with an increasing number on infectious and tropical diseases, a database of abstracts of reviews of effectiveness, a comprehensive bibliography of clinical trials as well as a handbook on critical appraisal and the science of reviewing research. Free to many developing countries via HINARI. For further details of the Cochrane Collaboration and its specialist groups (particularly the Infectious Diseases Group), see <http://www.cochrane.org/>).

Development Databases, Institute of Development Studies (IDS), University of Sussex, UK. Online. Available: <http://www.ids.ac.uk/ids/info/index.html> (Useful series of databases on development issues, many of which contain information on interdisciplinary aspects of health in the developing world. In particular, see ELDIS, <http://www.eldis.org/> and ID21, <http://www.id21.org/>. Some contain full-text documents. Available free.)

EMBASE, Elsevier. Online. Available: <http://www.info.embase.com/> (A major (subscription-based) alternative for PubMed/Medline, covering 5000 journals from over 70 countries, 11 million records from 1974 onwards; especially strong in pharmacological information. EMBASE is the electronic edition of the extensive set of subject-specific Excerpta Medica bibliographic journals.)

Google Scholar. Online. Available: <http://scholar.google.com/>. (Based on the popular Google search engine, Google Scholar indexes a substantial part of the scientific literature. It contains an

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internal mechanism for linking citations and is free. At this time, its selection criteria are not fully clear, and some major publishers are still missing.)

LILACS, Latin American and Caribbean Literature on Health Sciences, BIREME, São Paulo, Brazil. Online. Available: <http://bases.bireme.br/>, 1982–, free. (Includes references from 670 of the region's medical and health journals, as well as theses, books, conferences and governmental publications. The database contains 350 000 records and is essential for the Latin American literature not indexed elsewhere. The BIREME server also contains a number of additional databases on Latin American health topics.)

Popline, Population Information Program, Johns Hopkins School of Public Health, Baltimore, MD, USA. Online. Available: <http://db.jhuccp.org/popinform/index.stm>, 1970–. (Important database on reproductive health with excellent coverage of AIDS and other STDs and maternal and child health in the developing world, including references from books, articles and technical reports. It also includes much unpublished material and grey literature from non-governmental organizations active in the developing world. Now contains over 360 000 records and is available free on the internet and available free to developing countries on CD-ROM, <http://db.jhuccp.org/ics-wpd/popweb/cdromfr.html> or Popline Digital Services, 111 Market Place, Suite 310, Baltimore, MD 21202, USA.)

Scopus, Elsevier. Online. Available: <http://www.info.scopus.com/>. (Huge subscription-based database combining peer-reviewed journals, conference proceedings, book series, abstract records, patents and web sources. Also features extensive citation linking (currently over 265 million references).)

SharingPointServer, Scientists for Health and Research for Development (SHARED). Online. Available: <http://www.sharingpoint.net/> (SHARing health information from around the globe! Useful for identifying current health research projects, journal articles, abstracts, realtime health news and mailing list postings from Asia, Africa, Europe, North and South America.)

Source, London, UK. Online. Available: <http://www.asksource.info/> (Useful free database providing access to more than 25 000 records, including books, articles, reports and training manuals, focusing on the management and practice of primary health care and disability in developing countries. It includes much material published in developing countries that is not available in other databases.)

TRIP Database. Online. Available: <http://www.tripdatabase.com/> (Searches over 75 sites of high-quality medical information, giving direct, hyperlinked access to the largest collection of 'evidence-based' material on the web (including elements of the Cochrane Library, such as the systematic reviews and abstracts of reviews of effectiveness and Clinical Evidence), as well as articles from premier online journals such as the *BMJ*, *JAMA*, *NEJM* etc. Useful if access to the Cochrane Library is not available.)

Tsetse and Trypanosomiasis Information, Food and Agriculture Organization (FAO), Rome, Italy. Online. Available: <http://www.fao.org/paat/html/ttiq.htm>, 1978–, Semi-annual. (Covers all aspects of tsetse and trypanosomiasis research and control and is available in both English and French versions. Includes references with abstracts from journals, books, reports, conference proceedings etc.)

WHO Global Database on Child Growth and Malnutrition. Online. Available: <http://www.who.int/nutgrowthdb/> (Compila-

tion of child growth and malnutrition data from nutritional surveys conducted around the world since 1960.)

WHO Reproductive Health Library. Online. Available: <http://www.rhlibrary.com/> (Published in English and Spanish both online and on CD-ROM, it is a collection of the best evidence-based research in reproductive health, including the full text of all relevant Cochrane reviews as well as other assessed articles. Practical advice is also available on implementing best evidence into practice. Free to developing countries via HINARI.)

Database hosts

Several databases are available free (e.g. PubMed, Popline), while others are available also or only as a subscription-based service from commercial suppliers. The same database may be available from several hosts in various formats and at different prices. Conversely, accessing a number of databases from the same host has the advantage of being able to use the same software interface and combination search, often with a duplicate removal option. Some of the better known (biomedical) database hosts are listed below:

Dialog. Online. Available: <http://www.dialog.com/>

DIMDI. Online. Available: <http://www.dimdi.de/>

EbscoHost. Online. Available: <http://www.ebscohost.com/>

Ovid (incl. SilverPlatter). Online. Available: <http://www.ovid.com/>

STN, Chemical Abstracts Service (CAS). Online. Available: <http://stnweb.cas.org/>

Wiley. Online. Available: <http://www.wiley.com/>

Schools and institutes of tropical medicine

The following are the most well-known schools of tropical medicine. Many offer postgraduate courses in clinical tropical medicine, but for a more comprehensive list of courses see the Medicus Mundi list of postgraduate training programmes in international health, at: <http://www.healthtraining.org/>

Bernhard Nocht Institute for Tropical Medicine, Bernhard-Nocht-Strasse 74, D-20359 Hamburg, Germany. Online. Available: <http://www.bni-hamburg.de/>

FIOCRUZ – Fundacao Oswaldo Cruz, Av. Brasil, 4365 – Manguinhos, 21040-360 Rio de Janeiro-RJ – Brazil. Online. Available: <http://www.fiocruz.br/>

Institute of Tropical Medicine Antwerp, Nationalestraat 155, B-2000 Antwerp, Belgium. Online. Available: <http://www.itg.be/>

James Cook University, Department of Public Health and Tropical Medicine, Townsville, Queensland 4811, Australia. Online. Available: <http://www.jcu.edu.au/school/sphtm/>

Liverpool School of Tropical Medicine, Pembroke Place, Liverpool L3 5QA, UK. Online. Available: <http://www.liv.ac.uk/lstm/>

London School of Hygiene and Tropical Medicine, Keppel Street, London WC1E 7HT, UK. Online. Available: <http://www.lshtm.ac.uk/>

Mahidol University Faculty of Tropical Medicine, 420/6 Rajvithi Road, Bangkok 10400, Thailand. Online. Available: <http://www.tm.mahidol.ac.th/>

Prince Leopold Institute of Tropical Medicine, Nationalestraat 155, B-2000 Antwerp, Belgium. Online. Available: <http://www.itg.be/>

Swiss Tropical Institute, Socinstrasse 57, Postfach CH-4002 Basel, Switzerland. Online. Available: <http://www.sti.unibas.ch/>

TropEd: network of European institutions for higher education in international health. Online. Available: <http://www.troped.de/>

Tulane University School of Public Health and Tropical Medicine, Department of Tropical Medicine, 1430 Tulane Avenue, SL-17, New Orleans, LA 70112, USA. Online. Available: <http://www.sph.tulane.edu/tropmed/>

Societies

- American Society of Parasitologists. Enquiries to: Dr John Janovy, Secretary-Treasurer, ASP, School of Biological Sciences, University of Nebraska Lincoln, Lincoln, NE 68588-0118 USA. Tel: (402) 472-2754; Fax: (402) 472-2083; e-mail: jjanovy1@unl.edu (<http://asp.unl.edu/>)
- American Society of Tropical Medicine and Hygiene, 60 Revere Drive, Suite 500, Northbrook IL 60062, USA. Tel: (847) 480-9592; Fax: (847) 480-9282; e-mail: astmh@astmh.org (<http://www.astmh.org/>)
- BE-Cause Health. Belgian Platform for International Health, Nationalestraat 155, B-2000 Antwerp, Belgium. Tel: (32) 3247-6212; e-mail: info@be-causehealth.be
- British Society for Parasitology, BSP Secretariat, Cathy Fuller, 27 Village Road, Cockayne Hatley, Sandy, Beds SG19 2EE, UK. Tel/Fax: (0) 1767 631878; e-mail: cathy@gamestorm.co.uk (<http://www.bsp.uk.net/index.php>)
- Canadian Society for International Health, 1 Nicholas Street, Suite 1105, Ottawa, Canada K1N 7B7. Tel: 613 241 5785; Fax: 613 241 3845; e-mail: csih@csih.org (<http://www.csih.org/>)
- Deutsche Gesellschaft für Tropenmedizin und Internationale Gesundheit e.V. (German Society for Tropical Medicine and International Health). Info Service, Postfach 40 04 66, 80704 München, Germany. Tel: (89) 21 80 38 30; Fax: (89) 33 60 38; e-mail: dtg@lrz.uni-muenchen.de (<http://www.dtg.org/>)
- Federation of European Societies for Tropical Medicine and International Health (FESTMIH) e-mail: m.hommel@liverpool.ac.uk (<http://www.festmih.net/>)
- Infectious Diseases Society of America (IDSA), 66 Canal Center Plaza, Suite 600, Alexandria, VA 22314, USA. Tel: (703) 299-0200; Fax: (703) 299-0204; e-mail: info@idsociety.org (<http://www.idsociety.org/>)
- International Federation for Tropical Medicine (IFTM) (<http://www.iftm.org/>)
- International Society of Travel Medicine, PO Box 871089, Stone Mountain, GA 30087-0028, USA. Tel: (770) 736-7060; Fax: (770) 736-6732; e-mail: istm@istm.org (<http://www.istm.org/>)
- Royal Society of Tropical Medicine and Hygiene, 50 Bedford Square, London WC1B 3DP, UK. Tel: (0)20 7580 2127; Fax: (0)20 7436 1389; e-mail: mail@rstmh.org (<http://www.rstmh.org>)
- Société de Pathologie Exotique, Institut Pasteur 25, rue du Docteur-Roux, 75724 PARIS Cedex 15, France. Tél: 33 (0)1 45 66 88 69, Fax: 33 (0)1 45 66 44 85, e-mail: socpatex@pasteur.fr (<http://www.pathexo.fr/>)

Discussion groups/listservs

These are e-mail-based forums for discussions and news relating to specific topics. They are usually free and are open to anyone having a professional interest in the subject; most are usually moderated in some way and are a useful way of discussing current professional practice with colleagues worldwide and as a means of keeping up-to-date. Some clinical discussion lists are open only to those who are medically-qualified. All require prior registration via e-mail to receive and send messages. Some multidisciplinary searchable general lists include TILE-Net (<http://tile.net/lists/>), Catalist (<http://www.lsoft.com/catalist.html>) and JISCMail (<http://www.jiscmail.ac.uk/>).

- African Networks for Health Research and Development – Afro-NETS. Online. Available: <http://www.afronets.org/>
- AIDS-ProCAARE. Online. Available: <http://list.healthnet.org/mailman/listinfo/procaare/>
- Cardiovascular health-ProCOR. Online. Available: <http://www.procor.org/discussion/discussion.asp>
- Child Healthcare Information and Learning 2015 – CHILD2015. Online. Available: <http://www.dgroups.org/groups/child2015/index.cfm>
- Essential drugs. Online. Available: <http://www.essentialdrugs.org/edrug/about.php>
- Health Information Forum, HIF-Net. Online. Available: <http://www.dgroups.org/groups/hif-net/>

- Healthcare Information for All 2015 – HIFA2015. Online. Available: <http://www.ghi-net.org/campaign/index.asp>
- ProMED (Program for Monitoring Emerging Diseases). Online. Available: <http://www.promedmail.org/>
- Travel medicine: TravelMed. Online. Available: <http://www.istm.org/>
- WHO TDR Scientists Discussion Lists. Online. Available: <http://www.who.int/tdr/kh/bittdre.htm>

Funding agencies

- Bill and Melinda Gates Foundation. Online. Available: <http://www.gatesfoundation.org/default.htm>
- Foundation Center. Online. Available: <http://fdncenter.org/funders/>
- Global Fund to Fight AIDS, Tuberculosis and Malaria. Online. Available: <http://www.theglobalfund.org/en/>
- GrantsNet. Online. Available: <http://www.grantsnet.org/>
- UK Department for International Development (DFID). Online. Available: <http://www.dfid.gov.uk/funding/>
- USAID. Online. Available: <http://www.usaid.gov/index.html>
- Wellcome Trust. Online. Available: <http://www.wellcome.ac.uk/>
- WHO TDR Grants. Online. Available: <http://www.who.int/tdr/grants/grants/default.htm>

International organizations

- In addition to current information on activities and opportunities these websites contain a wealth of (often multilingual) full-text resources such as books, (annual) reports, journals, newsletters:
- FAO – Food and Agriculture Organization of the UN. Online. Available: <http://www.fao.org/>
- Global Fund to Fight AIDS, Tuberculosis and Malaria. Online. Available: <http://www.theglobalfund.org/>
- International Federation of Red Cross and Red Crescent Societies. Online. Available: <http://www.ifrc.org/>
- MSF, Médecins sans Frontières. Online. Available: <http://www.msf.org/>
- PAHO, Pan American Health Organization. Online. Available: <http://www.paho.org/>
- TDR – UNDP/World Bank/WHO Special Programme for Research and Training in Tropical Diseases. Online. Available: <http://www.who.int/tdr/>
- UNAIDS – Joint United Nations Programme on HIV/AIDS. Online. Available: <http://www.unaids.org/>
- UNICEF, United Nations Children's Fund. Online. Available: <http://www.unicef.org/>
- World Bank – The International Bank for Reconstruction and Development (IBRD) and the International Development Association (IDA). Online. Available: <http://www.worldbank.org/>
- WHO, World Health Organization. Online. Available: <http://www.who.int/>
- WHO Regional Office for Africa. Online. Available: <http://www.afro.who.int/>
- WHO Regional Office for the Eastern Mediterranean. Online. Available: <http://www.emro.who.int/>
- WHO Regional Office for South East Asia. Online. Available: <http://www.searo.who.int/>
- WHO Regional Office for the Western Pacific. Online. Available: <http://www.wpro.who.int/>

Appendix V. Sources of Information in Tropical Medicine

Useful websites on specific topics

The following websites are not intended to be comprehensive, but are a representative sample of some of the internet resources in tropical medicine currently available.

Directories, starting points

AED Satelife – Essential Health Links. Online. Available: <http://www.inasp.healthnet/essential-links/>

CDC, Diseases and conditions. Online. Available: <http://www.cdc.gov/node.do/id/0900f3ec8000e035>

Institute of Tropical Medicine Library. Online. Available: <http://lib.itg.be/biblinks.htm>

Karolinska Institute – Diseases, disorders and related topics. Online. Available: <http://www.mic.ki.se/Diseases/>

Tropical Diseases Web Ring. Online. Available: <http://myweb.tiscali.co.uk/tropring/ringform.html>

WHO TDR website. Online. Available: <http://www.who.int/tdr/diseases/default.htm>

WHO Health topics. Online. Available: <http://www.who.int/topics/>

Several of these general tropical medicine-related websites (e.g. WHO) contain excellent information on individual diseases. As such, they are not systematically repeated in the selections of relevant resources for specific topics in the sections below, but they should not be forgotten as worthwhile information resources on individual diseases.

Health data on developing countries

Demographic and Health Surveys. Online. Available: <http://www.measuredhs.com/>

Globalhealthfacts.org – Global data on HIV/AIDS, TB, Malaria and more. Online. Available: <http://globalhealthfacts.org/>

Global Health Atlas (WHO). Online. Available: <http://globalatlas.who.int/globalatlas/>

HIV/AIDS

Asian AIDS/HIV Information Archive. Online. Available: <http://www.utopia-asia.com/aids.htm>

The Body – The Complete AIDS Resource. Online. Available: <http://www.thebody.com/>

Global Fund to Fight AIDS, Tuberculosis and Malaria. Online. Available: <http://www.theglobalfund.org/>

HIV Insite Knowledge Base online textbook. Online. Available: <http://hivinsite.ucsf.edu/InSite?page=KB>

IAS, International AIDS Society. Online. Available: <http://www.iasociety.org/>

Johns Hopkins AIDS Service. Online. Available: <http://www.hopkins-aids.edu/>

SciDev.Net – Dossier HIV/AIDS. Online. Available: <http://www.scidev.net/dossiers/index.cfm?fuseaction=dossierItem&dossier=22>

UNAIDS, Joint United Nations Programme on HIV/AIDS. Online. Available: <http://www.unaids.org/>

Leprosy

ILEP, International Federation of Anti-Leprosy Associations. Online. Available: <http://www.ilep.org.uk/>

LEPRA, British Leprosy Relief Organisation. Online. Available: <http://www.lepra.org.uk/home.asp>

Malaria

ACTMalaria, Asian Collaborative Training Network for Malaria. Online. Available: <http://www.actmalaria.net/>

AMANET, African Malaria Network Trust. Online. Available: <http://www.amanet-trust.org/>

Global Fund to Fight AIDS, Tuberculosis and Malaria. Online. Available: <http://www.theglobalfund.org/>

Impact Malaria (Sanofi Aventis). Online. Available: <http://www.impact-malaria.com/>

Malaria database. Online. Available: <http://www.wehi.edu.au/MalDB-www/who.html>

MIM, Multilateral Initiative on Malaria. Online. Available: <http://www.mim.su.se/>

MIMCom, Multilateral Initiative on Malaria Resources (NLM). Online. Available: <http://www.mimcom.net/>

Roll Back Malaria Programme (WHO). Online. Available: <http://www.rbm.who.int/>

SciDev.Net – Dossier Malaria. Online. Available: <http://www.scidev.net/dossiers/index.cfm?fuseaction=dossierItem&dossier=23>

Medical entomology

AMCA, American Mosquito Control Association. Online. Available: <http://www.mosquito.org/>

Entomological Society of Southern Africa. Online. Available: <http://journals.sabinet.co.za/essa/>

Iowa State University Entomology Resources. Online. Available: <http://www.ent.iastate.edu/list/>

Outbreak and sentinel sites

ENIVD, European Network for Diagnosis of Imported Viral Diseases. Online. Available: <http://www.enivd.de/>

Eurosurveillance. Online. Available: <http://www.eurosurveillance.org/>

GeoSentinel (Global Surveillance Network of the ISTM and CDC). Online. Available: <http://www.istm.org/geosentinel/main.html>

Health Canada – Diseases and Conditions. Online. Available: http://www.hc-sc.gc.ca/dc-ma/index_e.html

Health Protection Agency (UK). Online. Available: <http://www.hpa.org.uk/default.htm>

Morbidity and Mortality Weekly Report (USA-CDC). Online. Available: <http://www.cdc.gov/mmwr/>

ProMed. Online. Available: <http://www.promedmail.org/>

Sentiweb (France). Online. Available: <http://www.b3e.jussieu.fr/sentiweb/>

Weekly Epidemiological Record (WHO). Online. Available: <http://www.who.int/wer/>

WHO Epidemic and Pandemic Alert and Response. Online. Available: <http://www.who.int/csr/>

Parasitology and parasitic diseases

- APOC, African Programme for Onchocerciasis Control. Online. Available: <http://www.apoc.bf/>
- DNDI, Drugs for Neglected Diseases Initiative. Online. Available: <http://www.dndi.org/>
- Global Alliance to Eliminate Lymphatic Filariasis. Online. Available: <http://www.filariasis.org/>
- GNNTDC, Global Network for Neglected Tropical Disease Control. Online. Available: http://www.gnntdc.org/what/current_efforts.html
- HDI, Health and Development International. Online. Available: <http://www.hdi.no/>
- OnchoNet. Online. Available: <http://www.science.smith.edu/departments/Biology/SWILLIAM/OnchoNet/OnchoNet.html>
- PAAT, Programme Against African Trypanosomiasis. Online. Available: <http://www.fao.org/ag/againfo/programmes/en/paat/home.html>
- Parasitology Research Groups – Worldwide Listing. Online. Available: http://www.uni-duesseldorf.de/WWW/MathNat/Parasitology/paen_ag.htm

Reproductive health

- EngenderHealth. Online. Available: <http://www.engenderhealth.org/>
- FHI, Family Health International. Online. Available: <http://www.fhi.org/>
- Global Reproductive Health Forum. Online. Available: <http://www.hsph.harvard.edu/Organizations/healthnet/>
- IUSTI, International Union Against Sexually Transmitted Infections. Online. Available: <http://www.iusti.org/>
- JHPIEGO, International Education and Training in Reproductive Health (Johns Hopkins University). Online. Available: <http://www.jhpiego.org/>
- Reproductive Health Gateway. Online. Available: <http://www.rhgateway.org/>
- Reproductive Health Outlook. Online. Available: <http://www.rho.org/>

Travel medicine

- American Society of Tropical Medicine and Hygiene-Travel Clinic Directory. Online. Available: <http://www.astmh.org/publications/clinics.cfm>
- Centers for Disease Control and Prevention (USA)-Travelers' Health. Online. Available: <http://www.cdc.gov/travel/>
- Foreign and Commonwealth Office (UK)-Travel Advice. Online. Available: <http://www.fco.gov.uk/>
- Hospital for Tropical Diseases (UK). Online. Available: <http://thehtd.org/>
- ISTM, International Society of Travel Medicine. Online. Available: <http://www.istm.org/>
- MASTA, Medical Advisory Services for Travellers Abroad (UK). Online. Available: <http://www.masta.org/>
- National Travel Health Network and Centre (UK). Online. Available: <http://www.nathnac.org/>
- Public Health Agency of Canada – Travel Medicine Program. Online. Available: <http://www.phac-aspc.gc.ca/tmp-pmv/>

- State Department (USA). Online. Available: <http://travel.state.gov/>
- Travel Health Information (ITM, Belgium). Online. Available: <http://www.travelhealth.be/>
- Travel Health Online. Online. Available: <http://www.tripprep.com/>
- WHO International Travel and Health. Online. Available: <http://www.who.int/ith/>

Tuberculosis

- Global Fund to Fight AIDS, Tuberculosis and Malaria. Online. Available: <http://www.theglobalfund.org/>
- IUATLD, International Union Against Tuberculosis and Lung Disease. Online. Available: <http://www.iuatld.org/>
- Stop TB Partnership. Online. Available: <http://www.stoptb.org/>
- WHO/EMRO – Stop Tuberculosis. Online. Available: <http://www.emro.who.int/STB/>

REFERENCES

- Goffman W, Warren KS. Dispersion of papers among journals based on a mathematical analysis of two diverse medical literatures. *Nature* 1969; 221:1205–1207.
- Schoonbaert D. Citation patterns in tropical medicine journals. *Trop Med Int Health* 2004; 9:1142–1150.
- Kantikireddi SV. HINARI: bridging the global information divide. *BMJ* 2004; 328:1190–1193.
- Aronson B. Improving online access to medical information for low-income countries. *N Engl J Med* 2004; 350:966–968.
- Eyers JE. All health information should be free to the developing world? [editorial]. *Trop Med Int Health* 2002; 7:637–638.
- Smart P. Free information? [editorial]. *Trop Med Int Health* 2002; 7:639–640.
- Godlee F, Pakenham-Walsh N, Ncayiyana D, et al. Can we achieve health information for all by 2015? *Lancet* 2004; 364:295–300.
- Sumathipala A, Siribaddana S, Patel V. Under-representation of developing countries in the research literature: ethical issues arising from a survey of five leading medical journals. *BMC Med Ethics* 2004; 5(5):6.
- Horton R. North and South: bridging the gap. *Lancet* 2000; 355:2231–2236.
- Horton R. Medical journals: evidence of bias against diseases of poverty [commentary]. *Lancet* 2000; 361:712–713.
- Langer A, Diaz-Olavarrieta C, Berdichevsky K, et al. Why is research from developing countries underrepresented in international health literature, and what can be done about it? *Bull World Health Organ* 2004; 82:802–803.
- Loria A, Arroyo P. Language and country preponderance trends in MEDLINE and its causes. *J Med Libr Assoc* 2005; 93:381–385.
- Glover S, Bowen SL. Bibliometric analysis of research published in Tropical Medicine and International Health 1996–2003. *Trop Med Int Health* 2004; 9:1327–1330.
- Falagas ME, Karavasiou AI, Bliziotis IA. A bibliometric analysis of global trends of research productivity in tropical medicine. *Acta Trop* 2006; 99:155–159
- Groener S. The north-south divide in health research publishing: what can smaller journals do? [editorial]. *Trop Med Int Health* 2004; 9:935–936.
- Binka F. The growth of Tropical Medicine and International Health: a developing-country perspective [editorial]. *Trop Med Int Health* 2006; 11:1–2.
- Eyers JE. Searching bibliographic databases effectively. *Health Policy Plan* 1998; 13:339–342.

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