

VOLUME 67, NUMBER 1 (SUPPLEMENT)

MARCH 1999

**INTERNATIONAL  
JOURNAL OF LEPROSY**  
**and Other Mycobacterial Diseases**

Official Organ of the  
INTERNATIONAL LEPROSY ASSOCIATION  
(Association Internationale contre la Lèpre)  
(Asociación Internacional de la Lepra)



**Supplement**  
**Containing Contents and Indexes**  
**to Volume 66**

VOLUME 66

1998

**INTERNATIONAL  
JOURNAL OF LEPROSY**  
**and Other Mycobacterial Diseases**

Official Organ of the  
INTERNATIONAL LEPROSY ASSOCIATION  
(Association Internationale contre la Lèpre)  
(Asociación Internacional de la Lepra)



**Contents**

**INTERNATIONAL JOURNAL OF LEPROSY  
and Other Mycobacterial Diseases**

**CONTENTS**

**Volume 66, Number 1, March 1998**

	<b>Page</b>
<b>Original Articles</b>	
<b>Bekri, Wehib, Gebre, Shibru, Mengiste, Asrat, Saunderson, Paul R., and Zewge, Sahilu.</b> Delay in Presentation and Start of Treatment in Leprosy Patients: a Case-Control Study of Disabled and Non-disabled Patients in Three Different Settings in Ethiopia .....	1
<b>Sugumaran, D. Samuel Thompson.</b> Leprosy Reactions—Complications of Steroid Therapy .....	10
<b>Kampirapap, Kowit, Singtham, Namthip, Klatser, Paul R., and Wiriyawipart, Srisunthon.</b> DNA Amplification for Detection of Leprosy and Assessment of Efficacy of Leprosy Chemotherapy .....	16
<b>Narayan, R., Maheshwari, Praveen K., and Harinath, Bhaskar C.</b> Fractionation, Characterization and Diagnostic Potential of Circulating Leprosy Antigens Isolated from Sera of Lepromatous Leprosy Patients .....	22
<b>Job, Charles K. and Thompson, Kirsteen.</b> Histopathological Features of Lepromatous Iridocyclitis; a Case Report .....	29
<b>Oh, Se-Young, Paik, Hee Young, and Ju, Dalae.</b> Dietary Habits, Food Intake and Functional Outcomes in Those with a History of Hansen's Disease in Korea .....	34
<b>Editorial</b>	
<b>Leprosy Research and Patient Care Over the Past Century</b> (Wayne M. Meyers) .....	43
<b>Clinical Notes</b>	
<b>A Case of Lymphocytic Vasculitis with Infiltration of Dermal Nerves Resembling Indeterminate Leprosy</b> (Charles K. Job, J. Jayakumar, and M. Aschhoff) .....	49
<b>Correspondence</b>	
<b>Survival of HIV-Positive and HIV-Negative Leprosy Patients in Mwanza, Tanzania</b> (Jacques van den Broek, Sayoki Mfinanga, Candida Moshiro, Richard O'Brien, and Arbogast Mugomela) .....	53
<b>Relapse of Multibacillary Leprosy after Rifampin and Ofloxacin Treatment for 28 Days; a Case Report</b> (R. Ganapati, V. V. Pai, C. R. Revankar, S. Kingsley, and H. O. Bulchand) .....	56
<b>Abnormal Capillary Proliferation in the Iris of a Leprosy Patient</b> (Gigi J. Ebenezer, Kirsteen Thompson, and Ebenezer Daniel) .....	58
<b>Chromoblastomycosis Simulating Lepromatous Leprosy</b> (K. Pavithran) .....	59
<b>Comparison of Pentoxifylline, Thalidomide and Prednisone in the Treatment of ENL</b> (Andre L. Moreira, Gilla Kaplan, Laarni G. Villahermosa, Tranquilino J. Fajardo, Rodolfo M. Abalos, Roland V. Cellona, Maria Victoria F. Balagon, Esterlina V. Tan, and Gerald P. Walsh) .....	61
<b>Rare Transcripts of Interferon-<math>\gamma</math> Detected in Lepromatous Leprosy Cases</b> (Gurvinder Kaur, Geetanjali Sachdeva, L. K. Bhutani, and R. N. K. Bamezai) .....	65
<b>Independent Evaluation of Leprosy Elimination Activities in Bangladesh, 11–23 September 1997</b> (A. C. McDougall) .....	66
<b>Obituary</b>	
Kumar Jesudasan .....	68
<b>Book Review</b> .....	
	69
<b>News and Notes</b> .....	
	70
<b>Current Literature</b> .....	
	79
<b>Special Grantors and Sustaining Members</b> .....	
	124

**INTERNATIONAL JOURNAL OF LEPROSY  
and Other Mycobacterial Diseases**

**CONTENTS**

**Volume 66, Number 2, June 1998**

<b>Original Articles</b>	<b>Page</b>
<b>Vijayakumaran, Palanisamy, Jesudasan, Kumar, Mani Mozhi, Natarajan, and Samuel, John David Raja.</b> Does MDT Arrest Transmission of Leprosy to Household Contacts? .....	125
<b>Abraham, Selvasekar, Manimozhi, Natarajan, Joseph, Geetha Ann, Kurian, Nisha, Sundar Rao, Pamidipani Samuel Simon, and Job, Charles Kamalam.</b> Epidemiological Significance of First Skin Lesion in Leprosy .....	131
<b>Valverde, Celia R., Canfield, Don, Tarara, Ross, Esteves, Maria I., and Gormus, Bobby J.</b> Spontaneous Leprosy in a Wild-Caught Cynomolgus Macaque .....	140
<b>Schreuder, Pieter A. M.</b> The Occurrence of Reactions and Impairments in Leprosy: Experience in the Leprosy Control Program of Three Provinces in Northeastern Thailand, 1978–1995. I. Overview of the Study .....	149
<b>Schreuder, Pieter A. M.</b> The Occurrence of Reactions and Impairments in Leprosy: Experience in the Leprosy Control Program of Three Provinces in Northeastern Thailand, 1978–1995. II. Reactions .....	159
<b>Schreuder, Pieter A. M.</b> The Occurrence of Reactions and Impairments in Leprosy: Experience in the Leprosy Control Program of Three Provinces in Northeastern Thailand, 1978–1995. III. Neural and Other Impairments .....	170
<b>Chaudhuri, S., Hajra, S. K., Mukherjee, A., Saha, B., Mazumder, B., Chattapadhyaya, D., and Saha, Kunal.</b> Why Relapse Occurs in PB Leprosy Patients After Adequate MDT Despite They are Mitsuda Reactive: Lessons from Convit's Experiment on Bacteria-Clearing Capacity of Lepromin-Induced Granuloma .....	182
<b>Lastoria, Joel C., Opromolla, Diltor V. A., Fleury, Raul N., Habermann, Francisco, and Curi, Paulo R.</b> Serial Mitsuda Tests for Identification of Reactional Tuberculoid and Reactional Borderline Leprosy Forms .....	190
<b>Sharma, Vinod K., Bapuraj, J. R., Mann, S. B. S., Kaur, Inderjeet, and Kumar, Bhushan.</b> Computed Tomographic Study of Paranasal Sinuses in Lepromatous Leprosy .....	201
<b>Naito, Mariko, Izumi, Shinzo, and Yamada, Takeshi.</b> Two-Dimensional Electrophoretic Analysis of Humoral Responses to Culture Filtrate of <i>Mycobacterium bovis</i> BCG in Patients with Leprosy and Tuberculosis .....	208
<b>Scheepers, Anton.</b> Correlation of Oral Surface Temperatures and the Lesions of Leprosy .....	214
<b>Editorials</b>	
<b>Toward the Elimination of Leprosy: the Challenges and Opportunities</b> (S. K. Noordeen) .....	218
<b>The Dangers of Misinterpretation of the Elimination Campaign</b> (W. Felton Ross) .....	222
<b>MDT and Transmission</b> (Robert C. Hastings) .....	224
<b>Correspondence</b>	
<b>Peptic Ulcer and Corticosteroid Therapy</b> (S. Arunthathi, D. Samuel Thomson Sugumaran, Sundar Raju Gorla, and Sunitha Abraham) .....	225
<b>Leprosy and HIV Infection in Bahia, Brazil</b> (Paulo Machado, Yonara David, Celia Pedrosa, Carlos Brites, Aldina Barral, and Manoel Barral-Netto) .....	227
<b>Arsenic Poisoning Mimicking Polyneuritic Leprosy</b> (Vinod Kumar Sharma, Anil Soni, S. Prabhakar, Inderjeet Kaur, and Bhushan Kumar) .....	229
<b>Giant Lesions in Histoid Leprosy</b> (V. Ramesh, R. S. Misra, Dilip Kachhawa, and Sudhir B. Kulkarni) .....	232
<b>Serologic Assays Using the 18-kDa Antigen of <i>Mycobacterium leprae</i> Expressed in the Yeast <i>Saccharomyces cerevisiae</i></b> (João R. R. Pinho, Vanda A. U. F. de Souza, Heitor F. Andrade, Jr., and Ana Clara G. Schenberg) .....	235
<b>Collagen Profile in Sciatic Nerves of <i>M. leprae</i>-Inoculated Mice Correlates With <i>in vitro</i> Collagen Production by Schwann Cells</b> (Neeta Singh, Tannaz J. Birdi, and Noshir H. Antia) .....	238
<b>Obituaries</b> .....	241
<b>News and Notes</b> .....	245
<b>Current Literature</b> .....	247
<b>Special Grantors and Sustaining Members</b> .....	307

**INTERNATIONAL JOURNAL OF LEPROSY  
and Other Mycobacterial Diseases**

**CONTENTS**

**Volume 66, Number 3, September 1998**

Original Articles	Page
<b>Zodpey, Sanjay P., Shrikhande, Sunanda N., Salodkar, Atul D., Maldhure, Bhagirath, R., and Kulkarni, Shyam W.</b> Effectiveness of Bacillus Calmette-Guerin (BCG) Vaccination in the Prevention of Leprosy; A Case-Finding Control Study in Nagpur, India .....	309
<b>Rea, Thomas H. and Sieling, Peter A.</b> Delayed-Type Hypersensitivity Reactions Followed by Erythema Nodosum Leprosum .....	316
<b>Fokkens, Wytse J., Nolst Trenite, Gijs J., Virmond, Marcus, KleinJan, Alex, Andrade, Vera L. G., van Baar, Nino G., and Naafs, Ben.</b> The Nose in Leprosy: Immunohistology of the Nasal Mucosa .....	328
<b>Roche, Paul W., Theuvenet, Wim J., Le Master, Joseph W., and Butlin, C. Ruth.</b> Contribution of Type 1 Reactions to Sensory and Motor Function Loss in Borderline Leprosy Patients and the Efficacy of Treatment with Prednisone .....	340
<b>Premkumar, Ramaswamy, Daniel, Ebenezer, Suneetha, Sujai, and Yovan, Paramanandam.</b> Quantitative Assessment of Facial Sensation in Leprosy .....	348
<b>Stefani, Mariane M. A., Martelli, Celina M. T., Morais-Neto, Otaliba L., Martelli, Pierpaolo, Costa, Mauricio B., and de Andrade, Ana Lucia S. S.</b> Assessment of Anti-PGL-I as a Prognostic Marker of Leprosy Reaction .....	356
<b>Rojas-Espinosa, Oscar, Camarena-Servin, Veronica, Estrada-Garcia, Iris, Arce-Paredes, Patricia, and Wek-Rodriguez, Kendy.</b> <i>Mycobacterium lepraemurium</i> , a Well-Adapted Parasite of Macrophages: I. Oxygen Metabolites .....	365
<b>Editorial</b>	
<b>Anti-Contagionism in Leprosy, 1844–1897</b> (Shubhada S. Pandya) .....	374
<b>Clinical Notes</b>	
<b>Lepromatous Orchitis Associated with Seminoma</b> (Gigi J. Ebenezer, Lionel Gnanaraj, Mannam Ebenezer, and Charles K. Job) .....	385
<b>Correspondence</b>	
<b><math>\beta_2</math>-Glycoprotein I-Dependent Anticardiolipin Antibodies as Risk Factor for Reactions in Borderline Leprosy Patients</b> (Paolo Fiallo, Enrico Nunzi, and Paolo P. Cardo) .....	387
<b>The Primary Lesion in Leprosy</b> (D. Porichha and V. Ramesh) .....	388
<b>Relapse of Multibacillary Leprosy After Treatment with Daily Rifampin Plus Ofloxacin for Four Weeks</b> (Baohong Ji) .....	391
<b>Dr. Ganapati, <i>et al.</i> Reply</b> (R. Ganapati, V. V. Pai, C. R. Revankar, H. O. Bulchand, S. Kingsley, and Kailas Gandewar) .....	391
<b>Obituary</b>	
<b>Luis María Baliña</b> .....	393
<b>Book Review</b> .....	394
<b>News and Notes</b> .....	395
<b>Current Literature</b> .....	399
<b>U.S.-Japan Cooperative Medical Science Program, Thirty-Third U.S.-Japan Tuberculosis and Leprosy Research Conference, Osaka, Japan, 8–10 July 1998</b> .....	430
<b>Statement of Financial Condition</b> .....	440
<b>Special Grantors and Sustaining Members</b> .....	444

**INTERNATIONAL JOURNAL OF LEPROSY  
and Other Mycobacterial Diseases**

**CONTENTS**

**Volume 66, Number 4, December 1998**

Original Articles	Page
<b>Croft, Richard P., Smith, W. Cairns S., Nicholls, Peter, and Richardus, Jan H.</b> Sensitivity and Specificity of Methods of Classification of Leprosy Without Use of Skin-Smear Examination .....	445
<b>Solomon, Samuel, Kurian, Nisha, Ramadas, Palani, and Sundar Rao, Pamidipai Samuel Simon.</b> Incidence of Nerve Damage in Leprosy Patients Treated with MDT .....	451
<b>Andrade, Vera, Sabroza, Paulo Chagastelles, Militao de Albuquerque, Maria de Fatima, and Motta, Celio da Paula.</b> Monitoring the Elimination of Leprosy in Brazil .....	457
<b>Yogi, Yasuko, Endoh, Masumi, Banba, Tomoko, Okamura, Haruki, and Nomaguchi, Hiroko.</b> Susceptibility to <i>Mycobacterium leprae</i> of ALY (Alymphoplasia) Mice and IFN- $\gamma$ Induction in the Culture Supernatant of Spleen Cells .....	464
<b>Freire, Beatriz F. A., Ferraz, Alexandre A. F., Nakayama, Edson, Ura, Somei, and Queluz, Thais T.</b> Anti-Neutrophil Cytoplasmic Antibodies (ANCA) in the Clinical Forms of Leprosy .....	475
<b>Correspondence</b>	
<b>Bone Scintigraphy in Leprosy</b> (Anil Soni, B. R. Mittal, I. Kaur, V. K. Sharma, C.M. Pathak, and Bhushan Kumar) .....	483
<b>Cellular Immune Responses of Healthy and <i>Mycobacterium leprae</i>-Inoculated Armadillos (<i>Dasypus novemcinctus</i>)</b> (Laura Rivero-Nava, Fausto Quesada-Pascual, Iris Estrada-Garcia, Sergio Estrada-Parra, and Leopoldo Santos-Argumedo) .....	485
<b>Book Reviews</b> .....	488
<b>News and Notes</b> .....	490
<b>Current Literature</b> .....	496
<b>Reviewers</b> .....	528
<b>Statement of Ownership, Management, and Circulation</b> .....	529
<b>Special Grantors and Sustaining Members</b> .....	530
<b>Transactions of the XV International Leprosy Congress</b> .....	531
<b>Congress Organization</b>	
History of the International Leprosy Association and Congress .....	532
ILA Officers and Congress Organizing Committee and Sponsors .....	533
Patrons of the Congress .....	534
International Leprosy Association Officers and Councillors, 1993–1998 .....	535
Welcome Greetings .....	537
Basic Features of the Congress Program .....	539
<b>Minutes of the First and Second Pre-Congress ILA Council Meetings</b> .....	541
<b>Opening Ceremonies</b>	
Greetings from Dr. Yo Yuasa (ILA President) .....	545
Address by Prof. Zhang Wenkang (Chinese Minister of Health) .....	546
Achievements and Prospects on Leprosy Prevention and Control in China by Prof. Yin Dakui (Chinese Vice-Minister of Health) .....	546
Presentation from WHO Director-General Dr. Gro Harlem Brundtland by Dr. S. K. Noordeen (WHO) .....	554
Presentation by Dr. Jean Pierre Schenkelaars (ILEP President) .....	555
<b>Minutes of the General Meeting of ILA Members</b> .....	557
ILA Officers and Councillors, 1998–2003 .....	559
<b>Closing Ceremonies</b>	
Short Course Program Report by Dr. W. Felton Ross .....	561
Taking Home Lessons from the 15th International Leprosy Congress by Prof. Michel F. Lechat .....	562
Concluding Remarks by Dr. S. K. Noordeen .....	566
Closing Remarks by Dr. Yo Yuasa .....	567
<b>Minutes of the ILA Council Meeting</b> .....	569
<b>Reports on Current Issues and Workshops</b>	
Disease and Disease Control .....	571
Social Aspects and Rehabilitation .....	577
Causative Organism and Host Response .....	586
<b>XV Congress Participants</b> .....	601
<b>Abstracts of Congress Papers and Posters</b> .....	611