

ABSTRACTS



**INTERNATIONAL
LEPROSY
CONGRESS
2002**

SCIENTIFIC PROGRAM

ORAL PRESENTATIONS / TRABALHOS ORAIS

August 5 - 2h30 pm–4h30 pm

Room: A1

EPIDEMIOLOGY I

President: Alcino Ndeve (Mozambique)

Commentator: Jair Ferreira (Brazil)

Secretary: Mitie Tada R. F. Brasil (Brazil)

- OE 5** **Análise da tendência secular da hanseníase no Brasil e macrorregiões no período 1985–2001.** Pereira, Gerson Fernando Mendes, Magalhães, Maria da Conceição Cavalcanti
- OE 25** **Risk factors for nerve function impairment, five year follow-up of the bands cohort.** Nicholls, P.G., Croft, R.P., Richardus, J.H., Withington, S.G., Smith, W.C.S.
- OE 1** **A prospective (sero) epidemiological study on contact transmission and chemoprophylaxis in leprosy (COLEP).** Richardus, J.H., Moet, H.F., Oskam, L., Pahan, D., Withington, S.G.
- OE 9** **Capture-recapture method to assess the prevalence of disabled leprosy patients.** van den Broek, Jacques, van Jaarsveld, Theo, de Rijk, Ad, Samson, Kefas, Patrobas, Philip
- OE 10** **Close contacts in leprosy in a high and low endemic area: comparison between Bangladesh and Thailand.** Richardus, J.H., Meima, A., Croft, R.P., Smith, T. C.
- OE 12** **Does the current global leprosy elimination strategy reduce the incidence of leprosy?** Meima, A., Smith, W.C.S., Richardus, J.H., Van Oortmarssen, G.J., Habbema, J.D.F.
- OE 17** **Incidence rates of acute nerve function impairment (NFI) in leprosy: a prospective cohort analysis after 60 months (the BANDS study).** Richardus, J.H., Croft, R.P., Nicholls, P.G., Withington, S.G., Smith, W.C.S.
- OE 28** **The analysis of spatial patterns of seropositivity of leprosy with geographic information systems (GIS).** Bakker, M., Hatta, M., Kwenangand, A., Oskam, L.
- OE 2** **A retrospective study of 3,062 MB cases in 12 years from the project areas of ALERT-India.** Mancheril, Joy, Samy, A. Antony, Dewarkar, P.R., Salunkhe, Sachin
- OE 24** **Perspectivas de eliminação da hanseníase até o ano de 2005.** Bechelli, L. M., Foss, N.T.
- OE 21** **Long term follow-up of the Karonga prevention trial: 15 year trends in protection against leprosy and tuberculosis by BCG, repeat BCG, or BCG combined with killed *M. leprae* in northern Malawi.** Karonga Prevention Trial Group

Room: A2
OPERATIONAL ASPECTS OF ELIMINATION I

President: Mirta Antola (Argentina)

Commentator : Clovis Lombardi (PAHO/WHO)

Secretary: Tadiana Moreira (Brazil)

- OOA 1** **Activities of the task force in the acceleration of the elimination of leprosy in Brazil.** Andrade, Vera, Alves, Tadiana Maria, Pereira, Gerson Fernando Mendes, Virmond, Marcos, Soares, Gil, de Souza, Artur Custódio
- OOA 2** **Analysis on the detection of new leprosy cases before, during and after the year of leprosy elimination campaigns.** Jianping, Shen, Wenzhong, Li, Meiwèn, Yu, Jun, Yang, Longchao, Zhou, Rongmao, Wang, Lufang, Hu, Hongjiang, Mou, Fuchang, Ye, Xinguo, He, Liangde, Pan
- OOA 3** **As ações do programa de eliminação da hanseníase no município de Fernandópolis - Estado de São Paulo/BR.** Gaggini, M.C.R., Gomes, A.A.L., Mencaroni, D.A., Pansani, A.A., Pinto Neto, J.M.
- OOA 4** **Bridging effects of integration: could integration of leprosy have unintended impacts?** Kasturiaratchi, Nimal D.
- OOA 5** **Characteristics and treatment outcome in leprosy patients diagnosed during active and passive case-finding activities.** Phaff, Ch., van den Broek, J., Stuij, Y.
- OOA 6** **Community involvement for leprosy elimination.** Manglani, P.R., Sharma, B.L., Postma, S.
- OOA 7** **Co-operation between national and international NGO's in the fight of leprosy - Yemen experience.** Al-Samie, Abdul Rahim
- OOA 12** **Implementation of modified LECs with integrated approach in the state of Orissa - India helped in reduction of NCDR.** Patnaik, P.K.B.
- OOA 18** **Nepalese lessons on community awareness and capacity building of health service delivery system towards leprosy elimination** Battarai, Shushil, Chalise, Suraj, Thapa, Mitha Ram

Room: A3
MICROBIOLOGY & MOLECULAR BIOLOGY I

President: Adalberto Resende dos Santos (Brazil)

Commentator: Diana Williams (USA)

Secretary: Leila Mendonça Lima (Brazil)

- OM&BM 4** **Comparison of PCR mediated amplification of DNA and the classical methods for the detection of *Mycobacterium leprae* in leprosy patients and contacts.** Torres, P., Gomez, Jr., Gimeno, V., Camarena, J. J., Nogueira, J. M., Navarro, J. C., Olmos, A.
- OM&BM 5** **Detection of antileprotic drug(s) induced DNA damage in human peripheral blood lymphocytes by the alkaline single cell gel electrophoresis.** Rajaguru, P., Kalaiselvi, K., Palanivel, M., Ramu, G.

- OM&BM 13** *Mycobacterium leprae* DNA detection by polymerase chain reaction for early leprosy. Alom, Castro F. Sousa, Silva, M.H., Rebello, P.F.B., Gomes, M.K., Nararashi, K., Sacchetim, S.C., Visconde, A.M., Costa, M.B., Martelli, C.M.T., Stefani, M.M.A., Gillis, T.P.
- OM&BM 14** Nasal presence of *Mycobacterium leprae* and mucosal immunity in household contacts of leprosy patients. Madhale, S.P., Jadhav, R.S., Fernando, Miss A., Shinde, V.S., Ravindra Kamble, R., Edward, V.K., Rao, J.R., Smith, W.C.S.
- OM&BM 19** Simplified reverse transcription polymerase chain reaction for detection of *Mycobacterium leprae* in skin specimens. Phetsuksiri, B., Rudeeaneksin, J., Supakul, P., Wachapong, S., Mahotarn, K., Brennan, P.J.
- OM&BM 21** Site of entry: an important factor in the growth and dissemination of *M. leprae* in mice. Ebenezer, Gigi J., Daniel, Sheela, Arumugam, Shantha, Job, Charles K.
- OM&BM 22** Studies on nasal transmission by *M. leprae* specific gene amplification. Singh, H.B., Katoch, V.M., Natrajan, M., Katoch, K., Kamal, Raj, Sharma, V.D., Chauhan, D.S., Das, R., Srivastava, K., Gupta, P.
- OM&BM 24** Sub clinical transmission of *M. leprae*: occurrence of nasal PCR positivity and mucosal immunity - analysis in school children. Fernando, A., Jadhav, R.S., Shinde, V.S., Kamble, Ravindra R., Madhale, S.P., Rao, J.R., Edward, V.K., Smith, W.C.S.
- OM&BM 26** The use of polymerase chain reaction (PCR) in leprosy research and control. Oskam, Linda, Beukelaar, Evi, Teerling, Julia
- OM&BM 29** Use of PCR in the rapid diagnosis of Rifampicin resistance in leprosy. Macdonald, Murdo, Shrestha, Niraj, Thomas, Andrea, Roche, Paul, Honore, Nadine, Cole, Stewart

Room: E1

SOCIAL ASPECTS I

President: Carmen Luisa M. Costa (Brazil)

Commentator: Thomas Frist (USA)

Secretary: Susilene Maria Tornelli Nardi (Brazil)

- OSA 1** A health promoting integrative community development programme. Browne, Derek
- OSA 2** A importância da avaliação da qualidade de vida em pacientes com hanseníase. Proto, Rodrigo Sestito, Ito, Lúcia Mioko, Dall'Áglio, Ferrucio Fernando, Schalch, Fábila Oppido, Santos, Simone
- OSA 3** A importância e a necessidade do acolhimento ao paciente com hanseníase: um enfoque bioético. Eidt, Letícia Maria
- OSA 4** A question of justice: rehabilitation of persons affected by leprosy. Chukwu, J.N., Onojorhovwo, I.

- OSA 5** **A study on the settlements of leprosy affected in India.** Cheriyan, C.S., Devadas, T. Jayraj
- OSA 6** **Assessment of disability, social and economic situations of the people affected by leprosy in Shandon province, People's Republic of China.** Shumin, Chen, Diangchang, Liu, Bing, Liu, Lin, Zhang, Xioulu, Yu
- OSA 18** **Leprosy in carioca context: patients experiences in Rio de Janeiro, Brazil.** White, Cassandra
- OSA 19** **Leprosy village / leproseria in Shandong.** Shumin, Chen, Diangchang, Liu, Bing, Liu, Lin, Zhang, Xioulu, Yu
- OSA 9** **Delay in presentation - results of fieldwork in Paraguay.** Wiens, C., Nicholls, P.G., Smith, W.C.S.

Room: E2
IMMUNOLOGY I

President: Isabela Maria Bernardes Goulart (Brazil)

Commentator: Cláudio Salgado (Brazil)

Secretary: Paulo Machado (Brazil)

- OI 1** **A non-invasive method for diagnosis of leprosy based on detection of specific anti-mycobacterial antibodies in saliva.** Yushin, M., Dyachina, M.N., Juscenko, A.A., Bochanovsky, V.A.
- OI 4** **Cytokine levels in type 1 reactions: relation to nerve damage and the recurrence of reaction.** Macdonald, Murdo, Shrestha, Niraj, Manandhar, Rakesh, Jacob K., Maria, Roche, Paul
- OI 5** **Dendritic cell-mediated production of IL-12 and IFN- γ by *Mycobacterium leprae*-derived cell membrane.** Maeda, Yumi, Gidoh, Masaichi, Ishii, Norihisa, Makino, Masahiko
- OI 12** **Improving subunit DNA vaccines against mycobacterial infections.** Britton, W.J., Martin, E., Kamath, A.T.
- OI 18** ***M. leprae*-specific, HLA class II-restricted killing of human Schwann cells by CD4+ TH1 cells: a novel immunopathogenic mechanism of nerve damage in leprosy.** Spierings, H.T., de Boer, T., Wieles, Brigitte, Adams, L.B., Marani, E., Ottenhoff, T.H.M.
- OI 19** **Matrix metalloproteinase (MMP) mRNA expression in the skin lesion of leprosy patients.** Teles, R.M.B., Sarno, E.N., Geraldo, N.T., Moura, D.F., Vasconcelos, B.S., Shattock, R., Sampaio, E.P.
- OI 20** **MHC and immune response across the leprosy spectrum.** Singh, Meenakshi, Mitra, D.K., Katoch, K., Ghei, S., Sengupta, U., Mehra, N.K.
- OI 26** **Screening of new *Mycobacterium leprae* antigens as candidates for the development of tests for the early diagnosis of leprosy.** Lima, Mônica C.B.S., Martins, Márcia V.B.S., Spencer, John S., Marques, Maria A.M., Kim, Heejin, Gregory, Bruce C., Duppre, Nadia C., Nery, José A.C., Pereira, Geraldo M.B., Sarno, Euzenir N., Brennan, Patrick J., Pessolani, Maria C.V.

- OI 30** The application of serological tools in patient management and leprosy control. Buhner-Sékula, Samira, Oskam, Linda
- OI 31** The role of mannose binding lectin and inflammatory response in leprosy. Foss, N.T., Ferreira, M.A.N., Andrade, J.L., Ramalho, E.M., Nunes, T.L.
- OI 33** TNF α promoter genotype influence TNF α production in LPS- but not *Mycobacterium leprae*-stimulated whole blood cells *in vitro*. Moraes, M.O., Salgado, J., Abreu, A.P., Alves, C.F.R., Santos, A.R., Nery, J.A.C., Sampaio, E.P., Sarno, E.N.

Room: M1

POD & REHABILITATION I

President: Hannelore Vieth (Germany)

Commentator: H. Srinivasan (India)

Secretary: Priscila Leiko Fuzikama (Brazil)

- OPOD 1** A grass root perspective on rehabilitation efforts. Engelbrektsson, Ulla-Britt, Khawas, Ishwor
- OPOD 2** A hard look at the problem of rehabilitation in leprosy. Srinivasan, H.
- OPOD 3** A holistic approach to prevention of disability in leprosy. Ebenezer, Mannam, Isaac, Premraj
- OPOD 4** A methodology for the evaluation of rehabilitation projects. Velema, Johan P., Cornielje, Huib
- OPOD 6** Community based rehabilitation in rural area. Mahato, Mathura Prasad, Bandyopadhyay, Sudhakar
- OPOD 7** Detection of early sensory nerve function impairment in the feet of leprosy patients using 2gm Semmes Weinstein (SW) monofilaments. Muzaffarullah, Syed, Reddy, Rajgopal, Jain, Suman, Jerskey, Robert S., Suneetha, Sujai, K.V., Desikan
- OPOD 8** Development of an activity limitation scale for persons with sensory loss. Anderson, Alison, Benbow, Catherine, Ebenso, Jannine, Fuzikawa, Priscila, Melchior, Hanna, Piefer, Angelika, Rajkumar, Paul, Velema, Johan P.
- OPOD 9** Disability, social and economic situation of the people affected by leprosy in Shandong province, the People's Republic of China. Shumin, Chen, Diangchang, Liou, Bing, Liou, Lin, Zhang, Xioulu, Yu
- OPOD 10** Efficacy of surgical neural decompression without neurolysis in leprosy patients with persistent post-treatment neuritis. Souza, G.M., Goulart, I. M. B., Bizinoto, S. P., Lacerda, E. C., Martins, C. A. L., Nishioka, S. A.
- OPOD 11** Importance and timings of nerve decompression in leprosy. Salafia, A., Chauhan, G.

Room: M2

HEALTH EDUCATION I

President: Zenaide Lessa (Brazil)
Commentator: Penny Grewal (Switzerland)
Secretary: Lúcia Pocídio (Brazil)

- OHE 1** **A comparative study between MLEC and active survey.** Mukherjee, Ashis, Bandyopadhyay, Sudhakar
- OHE 2** **A construção do conhecimento e a representação social da hanseníase.** Colombani, L.B., Guedes, M.A.P., Lessa, Z.L., Sartorelli, M.E., Vinhas, L.R.S.
- OHE 3** **A educação em saúde e as ações de controle de hanseníase: conhecer o passado, refletir o presente e decidir o futuro.** Lessa, Zenaide Lazára, Sanches, Maria A.P., Nogueira, Wagner, Berro, Elza Metello, Nóbrega, Heleida, Gonçalves, Oflia J.S.
- OHE 4** **A ten-year study of self reported cases in an urban leprosy project.** Rao, P.V. Ranganadha, Rao, V. Prabhakara, Reddy, B. Pratap, Samson, Sukumar
- OHE 5** **An impact of focus group discussion on leprosy to change knowledge, attitude and practice in Cox's Bazar, Bangladesh.** Mong, Aprue, Baidya, David, Baroi, Jayontee, Chakma, Ananta
- OHE 6** **Analysis of newly detected leprosy cases after LEC.** Hongjiang, Mu, Xian, Li, Wei, Ke, Wang, Zhanghua, Ping, Xiong
- OHE 7** **Bases esenciales para un programa sanitario aplicable al paciente con enfermedad de Hansen.** Torroja, A., Fusté, L. Casañas E., Pérez, M.
- OHE 8** **Bonecos participando ativamente na luta pela eliminação da hanseníase no município de São Paulo.** Ferraz, S.M.P., Nascimento, A.C.F., Oda, R.N.K., São, M.
- OHE 9** **Does knowledge lead to action? Health education among leprosy patients.** Roberts, Joanne, Maharjan, Jaganath, Macdonald, Mark
- OHE 10** **Effects analysis for training on the non-leprologists.** Xinsheng, Wu, Rong-mao, Wang, Yong, Ning, Lufang, Hu, Binyu, Li, Kai, Wang, Ling, Shi, Lu, Hei

Room: M4

Title: Teaching and Training I

President: Wagner Nogueira (Brazil)
Commentator: Ma. Leide de Oliveira (Brazil)
Secretary: Conceição Magalhães (Brazil)

- OT&T 1** **A atuação do preceptor de enfermagem do PSF/Sobral no processo de descentralização das ações básicas em Hanseníase.** Bezerra, Francisca Marlene de Sousa, Flor, Sandra Maria Carneiro, Barreto, Ivana Cristina de Holanda, Andrade, Luis Odorico Cunha
- OT&T 2** **ALERT'S organizational change! Will it sustain international training functions?** Krishnan, S.A.R.

- OT&T 3 Analysis effects of integrative training project of leprosy control and community control.** Chunzhi, Pan, Chunmao, Xu, Jianping, Nu, Jing, Wu
- OT&T 4 Capacity building of general health care functionaries in leprosy - An entry point for elimination.** Murugesan, N.
- OT&T 5 Leprosy training in the changing scenario.** Sarkar, P., Dongre, V.V.
- OT&T 6 Review of knowledge and skills of trainees workers in the central region of Nepal.** Ghimire, Madan, Pokhrel, Gopal, Pant, Uddhav Raj, Bista, Ram Babu, Neupane, Kapil Dev, Timilsina, Rewati
- OT&T 7 Training in changing circumstances.** Krishnan, S.A.R.

Room: S1

CLINICAL ASPECTS I

President: Mariângela Bianconcini Trindade (Brazil)

Commentator: R. Ganapati (India)

Secretary: C. R. Revankar (USA)

- OCA 3 Anti-PGL I in the diagnosis of primary neuritic leprosy.** Faber, William R., Bühner-Sekula, Samira, Oskam, Linda, Wildebeest, Joanne, Zamarian, Amir, Santos, Adalberto, Matos, Haroldo J., Sampaio, Elisabeth P., Sarno, Euzenir N.
- OCA 7 Clinical response to cyclosporine-a treatment in severe leprosy type 1 reaction (T1R) patients in Nepal and Ethiopia.** Marlowe, Sharon N.S., Knuuttilla, Jukka, Herm, Friedbert, Bizuneh, Elizabeth, Leekassa, Ruth, Lockwood, Diana N.J.
- OCA 8 Cytokine expression in the skin and blood of severe leprosy type 1 reactions treated with prednisolone and azathioprine.** Marlowe, Sharon N.S., Shrestha, Niraj, Manandhar, Rakesh, Macdonald, Murdo, Roche, Paul, Khanolkar-Young, Saroj, Lockwood, Diana N.J.
- OCA 10 Eritema nodoso hansênico, perfil clínico e imunopatológico a partir de 90 pacientes estudados em Goiânia.** Guerra, Jackeline Gomes, de Castro, Lia Cândida Miranda, Martelli, Celina Maria Turchi, Stefani, Mariane Martins de Araújo, Costa, Maurício Barcelos, Penna, Gerson Oliveira
- OCA 11 Estudio seroepidemiológico de Lepra. Provincia Camagüey. año 2000–2001.** Mouriño, Nieves Atrio, García, Maria Leticia Costa
- OCA 17 Intraocular lens implantation in multibacillary and paucibacillary leprosy patients.** Daniel, Ebenezer, Koshy, Sheena
- OCA 18 Leprosy transmission and mucosal immunity in household contacts of subjects with nasal presence of *M. leprae*.** Kamble, Ravindra R., Jadhav, R.S., Fernando, A., Shinde, V.S., Madhale, S.P., Edward, V.K., Rao, J.R., Smith, W.C.S.
- OCA 21 Ocular complications of long-term oral corticosteroid therapy in patients with leprosy reactions.** Maakaroun, Monica Jeha, de Castro, Aldemar N.B. Vilela

OCA 27 The deformed foot: corrective arthrodesis in leprosis in leprosy in Nepal. Macdonald, Mark, Stoney, Malcolm, Schwartz, Richard

OCA 32 Zonas cutâneas immune a la lepra. Terencio de Las Aguas, Jose

**Room: S2
TREATMENT I**

President: Marli Isabel Penteado Manini (Brazil)

Commentator: Ji Baohong (France)

Secretary: João Avelleira (Brazil)

OT 1 A comparison of 12 and 24-month MDT/WHO regimens with multibacillary leprosy patients. Sales, A.M., Sabroza, P.C., Nery, J.A.C., Duppre, N.C., Fialho, M.B., Gallo, M.E.N., Sarno, E.N.

OT 2 Adverse effect during treatment of leprosy patients at leprosy control centre region 9, Thailand between 1999–2001. Chaiyamahapurk, Sakchai, Srichai, Pibul, Pimnamyen, Niramol

OT 3 Antileprosy activity of some derivatives of dithiocarbamate. Urlyapova, G., Daudova, A.D.

OT 4 Avaliação da segurança, eficácia e comparação de doses de talidomida, administrada por duas semanas no tratamento do eritema nodoso da hanseníase (ENH). Penna, Gerson Oliveira, Martelli, Celina M.T., Stefani, Mariane, Macedo, Vanize de Oliveira

OT 5 Clinical profile of patients exhibiting drug resistance to MDT drugs. Rao, Geetha S., Norman, Gift, Ebenezer, Gigi J., Daniel, Sheela, Rao, P.S.S.

OT 6 Combined 12 months WHO MDT MB regimen and *Mycobacterium w* vaccine in multibacillary leprosy: a follow up of 136 patients. Kumar, Bhushan, Kaur, Inderjeet, Dogra, Sunil, Radotra, B.D.

OT 7 Cyclosporin-a (CYA) pharmacokinetics in Ethiopian and Nepal patients with leprosy type 1 reactions (T1R). Marlowe, Sharon N.S., Lee, Terence D., Johnston, Atholl, Lockwood, Diana N.J., Holt, David W.

OT 8 Dapsone hypersensitivity syndrome: systematic review of diagnostic criteria. Leta, Graziela, Dos Santos, M. Esther, Oliveira, M. Leide, Gomes, M. Katia

OT 8 Double relapse after treatment with rifampicin-containing multidrug regimens among multibacillary leprosy patients. Samba.O.Sow, Fomba, Abdoulaye, Traore, Issa, Geudenon, Augustin, Bobin, Pierre, Grosset, Jacques, Ji, Baohong

OT 9 Drug resistance in the treatment of leprosy - study in the relapsed cases found in sanatoria. Namisato, Masako, Matsubayashi, Mamoru, Matsuoka, Masaaki Higashi Motoaki Ozaki Masanori, Kashiwabara, Yoshiko, Ogawa, Hideoki

August 7 - 2h30 pm–4h30 pm

Room: A1

EPIDEMIOLOGY II

President: Elizabeth Moreira (Brazil)

Commentator: Aguinaldo Gonçalves (Brazil)

Secretary: Megumi Sadahiro (Brazil)

- OE 7 Analysis on correlative factors related to sub clinical infection in consanguineous contacts of leprosy.** Shunpeng, Song, Yuejun, Shi, Chengzhi, Lu, *et al.*
- OE 13 Epidemiological study on disabilities in 24128 newly detected leprosy patients in China.** Liangbin, Yan, Guocheng, Zhang, Xiangsheng, Chen, *et al.*
- OE 19 Leprosy disability: a public health problem for many years to come.** Meima, A., Richardus, J.H., Van Oortmarssen, G.J., Habbema, J.D.F.
- OE 29 The impact of leprosy elimination campaigns on leprosy incidence trends.** Meima, A., Richardus, J.H., Van Oortmarssen, G.J., Habbema, J.D.F.
- OE 3 A study of risk factors of leprosy transmission in Agra district.** Kumar, Anil, Girdhar, Anita, Girdha, B.K.
- OE 22 Micro-monitoring - a key management tool for planning strategic interventions and facilitating leprosy elimination goal.** Patro, T.P., Nayak, D.N.
- OE 11 Comparação de métodos de estimativa de prevalência de hanseníase em diferentes regiões do estado de Mato Grosso.** Ignotti, Eliane, Rodrigues, Alex Miranda
- OE 27 Tendencia de la detección de casos nuevos de lepra en Paraguay (1970–2001).** Leguizamón, Oscar, Wiens, Carlos, Von Ballestrem, Wolfgang, Alvarenga, Arnaldo, Suárez, Reinaldo Gil, Lombardi, Clovis
- OE 4 Ações do controle dos comunicantes de hanseníase no Brasil (1889 A 2001).** Gazeta, C.E., Mencaroni, D.A., Oliveira, M.H.P., Pinto Neto, J.M., Villa, T.C.S.
- OE 23 Peripheral neuropathy in HD; a problem for hospital or epidemiologic study?** Bell-Krotoski, Judith

Room: A2

OPERATIONAL ASPECTS OF ELIMINATION II

President: Affonso Viviani Jr. (Brazil)

Commentator: Michel Lechat (Belgium)

Secretary: Geanea Rocha (Brazil)

- OOA 8 Develop partnership, strengthen integration, transfer skills and ownership to hasten elimination.** Mahmood, K.
- OOA 9 Early leprosy case detection by volunteers in difficult areas in Thane district, India.** Dewarkar, Prakash R., M., Joy, B., Geeta, S., Vinaya, C., Kamlesh, Samy, A.A.

- OOA 10** **First step towards integration: developing a blueprint.** Kasturiaratchi, Nimal D., Settinayake, Sunil, Grewal, Penny
- OOA 11** **Focal survey for intensified case detection - a comparative study conducted at endemic & non endemic states in India.** Abraham, Thomas, Devadas, T. Jayaraj, Ramana, M. V., George, Shibu
- OOA 16** **Is leprosy eradication program feasible in Vietnam?** Phan, Hong Hai
- OOA 13** **Integrating leprosy control into general health service in a war situation: the level after five years in eastern Congo.** Byamungu, Denis, Ogbeiwi, Osahon
- OOA 14** **Integration of leprosy services and the concerns about quality of care. The experience of Jigawa state of Nigeria.** Samson, Kefas
- OOA 15** **Integration of leprosy work - an experimentation.** Bandyopadhyay, Sudhakar
- OOA 17** **Leprosy elimination monitoring (LEM) 2001, Bangladesh.** Ahmed, Jalal Uddin, Ahmed, Safir Uddin, Hossain, S.K.S., Sivaprakasam, Talukder, L.R.

Room: A3

MICROBIOLOGY & MOLECULAR BIOLOGY II

President: Lucia Barker (USA)

Commentator: Sujai Suneetha (India)

Secretary: Angela Marques (Brazil)

- OM&BM 1** **Accumulation of Norfloxacin and dapsone in *M. smegmatis*.** Venkatesan, K., Deo, Nirmala, Mathur, A.
- OM&BM 2** **An in vitro model for studying the effects of *M. leprae* on Schwann cell/neuron interactions.** Hagge, Deanna, Scollard, David, McCormick, Greg, Williams, Diana L.
- OM&BM 9** **Further studies on *M. leprae* - peripheral nerve protein interaction & the role of the 25 kDA glycoprotein myelin P₀.** Suneetha, Lavanya M., Reddy, Venkat Rami, Vani, Meher, Vardhini, Deena, Scollard, David, Archelos, Jaun, Suneetha, Sujai
- OM&BM 10** **Gene expression in *Mycobacterium leprae*.** Williams, Diana L., Truman, Richard, Gillis, Thomas
- OM&BM 15** **Pattern & significance of parasitization of endothelial cells in leprosy: morphological & in vitro studies.** Suneetha, Sujai, Suneetha, Lavanya, Scollard, David
- OM&BM 17** **Protection of mice against *Mycobacterium leprae* infection by a DNA vaccine encoding *M. leprae* antigen 85a and mutant murine IL-12.** Ngamyang, M., Sawanpanyalert, P., Nikasri, J., Butraporn, R., Cho, S-N., P. Brennan, J., Levy, L.
- OM&BM 18** **Schwann cell gene expression profile is modulated by *Mycobacterium leprae*.** Tempone, A.J., Silva, T.P., Rossle, S., Lopes, U.G., Brennan, P.J., Sarno, E.N., Pessolani, M.C.V.

- OM&BM 25** **The *Mycobacterium leprae* HLP protein: a putative adhesin that binds multiple extra cellular matrix components.** Lima, C.S.M., Marques, M.A.M., Sarno, E.N., Brennan, P.J., Pessolani, M.C.V.
- OM&BM 27** **Three-color immunofluorescent staining to identify *M. leprae* within endothelium of human peripheral nerve.** Ling, Shi, McCormick, G., Scollard, D.M.
- OM&BM 28** **Unique metabolic properties of *Mycobacterium leprae*.** Prabhakaran, K.

Room: E1

SOCIAL ASPECTS II

President: Dora Martins Cypreste (Brazil)

Commentator: Zoica Bakirtzief (Brazil)

Secretary: Eleida Nobrega (Brazil)

- OSA 7** **Conhecimento científico e controle social: a institucionalização do campo da hanseníase (1897–2000).** Bakirtzief, Zoica
- OSA 8** **Delay in presentation - identifying contributing factors using basic qualitative methods.** Nicholls, P.G., Smith, W.C.S.
- OSA 10** **Development of a scale to measure participation.** Anderson, Alison, Englebretsson, Ulla-Britt, Khawas, Ishwor, Kinsella-Bevan, Sarah, Grueber, Megan, Mutatkar, Ramachandra, Bakirtzief, Zoica, Van Brakel, Wim
- OSA 11** **Development of social welfare and rehabilitation system for leprosy patients in leprosy colony, Chanthaburi.** Krussaeng, Supharb
- OSA 12** **Do needs vary among people with leprosy, people with disability and others from the same rural and urban areas?** Das-Pattanayak, Robert K., Van Brakel, Wim H., Walter, Cornelius S.
- OSA 13** **Experiences of general patients attending general OPD in GMLF's leprosy referral hospital.** Jayashree, B., Raju, M.S., Dongre, V.V.
- OSA 14** **Gente prevenindo gente.** da Silva, Rosarina de F. Sampaio
- OSA 15** **How the numb feet symptom is seen by the leprosy sufferers.** Lessa, Sônia Maria Matsuda, Opromolla, Diltor Valdimir, Lefèvre, Fernando
- OSA 16** **Impact of socio-economic rehabilitation interventions for 25 years - an analysis.** Srinivasan, G.R., Isaac, G., David, Anand
- OSA 22** **O simbolismo da hanseníase na vida daqueles que a vivenciam.** Calvetti, Prisca Ücker, Müller, Marisa Campio, Eidt, Letícia

Room: E2

IMMUNOLOGY II

President: J. Krahenbuhl (USA)

Commentator: Indira Nath (India)

Secretary: Maria Esther Salles Nogueira (Brazil)

- OI 2 Antigenic specificity of the *Mycobacterium leprae* homologues of ESAT-6 and CFP-10.** Spencer, John S., Kim, Hee Jin, Marques, Maria A.M., Brennan, Patrick J.
- OI 8 Expression of chemokines and their receptors in leprosy skin lesions.** Munsonda, Clement Alam, Kirkaldy, Alice Amanda, Khanolkhar-Young, Saroj, Suneetha, Sujai, Lockwood, Diana N.J.
- OI 9 Human T cell recognition of fractionated antigens from *Mycobacterium leprae*: potential as diagnostic reagents.** Dockrell, H.M., Hussain, R., Spencer, J.S., Black, G.F., Shahid, F., Zafar, S., Terlouw, S., Chaguluka, S., Sichali, L., Crampin, A., Fine, P.E.M., Brennan, P.J.
- OI 10 IFN γ detection and absence of IL4 *in situ* under non stimulated conditions in paucibacillary single skin lesion leprosy.** Stefani, M.M.A., Martelli, C.M.T., Gillis, T.P., Krahenbuhl, J.L., Brazilian Leprosy Study Group
- OI 11 Immunophenotypic study in paucibacillary single skin lesion leprosy.** Stefani, M.M.A., Figueiredo, F.C., Martelli, C.M.T., Costa, M.B., Sousa, A.L.O.M., Sacchetim, S.C., Gillis, T.P.
- OI 15 Lateral flow assay for classification of leprosy patients and identification of high-risk contacts.** Buhner-Sékula, S., Smiths, H.L., Gussenhoven, G.C., Van Leeuwen, J., Klatser, P.R., Oskan, L.
- OI 16 Leprosy transmission and mucosal immune response.** Jadhav, R.S., Fernando, A., Shinde, V.S., Kamble, Ravindra R., Madhale, S.P., Edward, V.K., Rao, J.R., Smith, W.C.S.
- OI 17 *M. leprae* induces NF- κ B nuclear translocation in PBMC from leprosy patients.** Hernandez, M.O., Lopes, U.G., Redner, P., Sarno, E.N., Sampaio, E.P.
- OI 21 Neural pathology during treatment and RFT.** Porichha, D., Mukherjee, A., Ramu, G.
- OI 22 Quantitative estimation of salivary IgA antibodies in leprosy by ELISA using indigenous pooled saliva as standard.** Fernando, A., Jadhav, R.S., Shinde, V.S., Kamble, Ravindra R., Madhale, S.P., Rao, J.R., Edward, V.K., Smith, W.C.S.
- OI 27 Study of experimental leprosy in interleukin-12 deficient mice.** Adams, Linda B., Soileau, Nashone A., Dietrich, Marilyn A., Scollard, David M., Krahenbuhl, James L.

Room: M1
POD & REHABILITATION II
President: Wim Brandsma (The Netherlands)
Commentator: Richard Schwarz (Canada)
Secretary: Geisa Campos (Brazil)

- OPOD 5** **Avaliação da força de prensão palmar com o uso do dinamômetro Jamar® em pacientes portadores de hanseníase, atendidos em nível ambulatorial no Distrito Federal.** Moreira, Demóstenes, Alvarez, Rosicler Rocha de Aiza
- OPOD 12** **Increased risk for disability in multibacillary leprosy patients with neuritis.** Rangel, E., Duppre, N.C., Nery, J.A.C., Sales, A.M., Gallo, M.E.N.
- OPOD 13** **Is the surgical correction of foot drop a more effective method to reduce plantar ulceration than conservative methods?** Cross, Hugh, Fergusson, Stuart
- OPOD 14** **Plantar ulcers in leprosy: patients' perceptions and traditional practices of cure.** Ghimire, Sabita, Ghimire, Madan, Roberts, Joanne, Shrestha, Niru, Butlin, Ruth
- OPOD 15** **Social implications of disability & need of intensive POD programme in urban area.** Saha, Gitanjali, Bandyopadhyay, Sudhakar
- OPOD 16** **Skin temperature assessment by palpation of neuropathic feet of leprosy patients.** Faber, W.R., Hoeksma, A.F.
- OPOD 17** **The rehabilitation of cured in community: need for rehabilitation of leprosy patients.** Chauhan, Abdulbhai K.
- OPOD 18** **The self-care kit: an aid to empower patients in care of feet.** Shah, Atul, Shah, Neela
- OPOD 19** **Tibialis posterior transfer (TPT) - Circumtibial vs Interosseus routes.** Das, Premal, Paul, Victor, Kumar, Julius, Karthikeyan, Walter, Cornelius
- OPOD 20** **Use of a multidisciplinary assessment tool in the prevention and management of impairment and consequences (PAMIC) in leprosy.** Ebenezer, Mannam, Pathebarajan, Thomas, Anil, Thomas, M.V., Helen, Augustine, Valsa, Rajkumar, Paul

Room: M4
HEALTH EDUCATION II
President: Eliana de Paula (Brazil)
Commentator: Salvatore Noto (Italy)
Secretary: Rachell Tardin (Brazil)

- OHE 12** **Estratégias para eliminação da hanseníase em Alfenas (MG).** de Souza, Cláudio de Lélis Figueiras, Magalhães, Avani Soares Almeida, Antunes, Elisa Oliveira Gonçalves, Fagundes, Wendel Antonio, Rissuto, Mariza Bárbara
- OHE 9** **Changing attitudes and behavior to support leprosy integration efforts.** Grewal, Penny, Andrade, Vera, Settinayake, Sunil, Kasturiaratchi, Nimal D.

- OHE 13** **Grupo de orientação em hanseníase.** Bambirra, Nidia, Lima, Vanúzia Maria
- OHE 14** **Health education in relation to prevention of disability programme in leprosy.** Bandyopadhyay, Sudhakar
- OHE 15** **Health propagation education about leprosy aims to promote people's knowledge and reveal new leprosy patients in Thai Nguyen province.** Tuan, Duong Van, Lan, Nguyen Thi
- OHE 16** **IEC for elimination of leprosy through the trilogue method.** Cheriyan, C.S., Devadas, T. Jayraj
- OHE 17** **Interferência das campanhas educativas sobre hanseníase no comportamento da comunidade frente aos portadores da doença.** Nobre, Mauricio Lisboa, de Castro, Célia Rolim, Jones, Eliza
- OHE 18** **Leprosy case detection using school children an innovative approach.** Rao, Geetha S., Norman, Gift, Udayasuriyan, P., Samuel, P., Santhosham, R.
- OHE 19** **Mainstreaming leprosy into the concept of convergence - a strategy for reaching women in leprosy elimination process.** Raj, Nalini Keshav, Lakshmi, Meera

Room: S1

CLINICAL ASPECTS II

President: José Terencio de las Aguas (Spain)

Commentator: Francisco Reis Vianna (Brazil)

Secretary: Tâmara Stélvia (Brazil)

- OCA 23** **Prophylactic steroids to prevent nerve function impairment in leprosy: a randomized controlled trial (TRIPOD 1).** Anderson, A.M., Van Brakel, W.H., Withington, S.G., Croft, R.P., Nicholls, P.G., Richardus, J.H., Smith, W.C.S.
- OCA 24** **Prophylactic steroids to prevent nerve function impairment in leprosy: the effect of pre-existing neuropathy observed in the TRIPOD 1 trial.** Van Brakel, W.H., Anderson, A.M., Withington, S.G., Croft, R.P., Nicholls, P.G., Richardus, J.H., Smith, W.C.S.
- OCA 26** **Studies on mechanism/s of silent nerve damage in leprosy with special emphasis on biochemical basis of axonal atrophy.** Shetty, V.P., Save, M.P., Shetty, K.T., Antia, N.H.
- OCA 22** **Prevalence and characteristics of neuropathic pain in 303 patients with leprosy.** Stump, Patrick R.N.A.G., Baccarelli, Rosemari, Marciano, Lúcia H.S.C., Lauris, José R.P., Ura, Somei, Virmond, Marcos, Teixeira, Manoel J.
- OCA 12** **Facts and fallacies of corticosteroid toxicity in leprosy - an experience with more than 1000 patients in 10 years.** Sugumaran, D.S.T.
- OCA 13** **Histologia da área perilesional em pacientes portadores de hanseníase tuberculóide e dimorfa reacional.** Lastória, Joel C., Opromolla, Vladimir de A., Fleury, Raul N., Bononi, Alexandra P., Pedroso, Karina G., Padovani, Carlos R., Marques, Mariangela A.E.

- OCA 16** **Inoculation of *M. leprae* in right foot pad in mice and its contralateral effect on the neurofilaments of sciatic nerve.** Save, M.P., Shetty, V.P., Shetty, K.T., Antia, N.H.
- OCA 5** **Borderline tuberculoid leprosy: an immune reconstitution phenomenon in an HIV-infected person.** Lawn, Stephen D., Lockwood, Diana N.
- OCA 6** **Chronic neuropathic pain in treated leprosy.** Hietaharju, Aki, Croft, Richard, Alam, Rezaul, Birch, Paul, Mong, Aprue, Haanpää, Maija
- OCA 1** **A large series of dapsone hypersensitivity syndrome patients in Nepal.** Jacob K., Maria, Macdonald, Murdo, Butlin, Ruth
- OCA 2** **Adverse events of standardized regimens of corticosteroids for prophylaxis and treatment of nerve function impairment in leprosy: results from the “TRIPOD” trials.** Richardus, J.H., Withington, S.G., Anderson, A.M., Croft, R.P., Nicholls, P.G., Van Brakel, W.H., Smith, W.C.S.

**Room: S2
TREATMENT II**

President: Joel Lastória (Brazil)
Commentator: Maria da Graça Souza Cunha (Brazil)
Secretary: Maria de Fátima Marója (Brazil)

- OT 10** **Eficácia de la pentoxifilina como coadyuvante terapêutico de lãs vasculitis necrotizantes em reacciones reversales (T1).** Gimenez, Manuel Fernando
- OT 11** **Ensaio terapêutico: avaliação da associação de ofloxacina com rifampicina por 28 dias em pacientes de hanseníase virchoviana.** Alves, Larissa Mitraud, Avelleira, João Carlos Regazzi, Vianna, Francisco Reis, Boechat, Alfredo Marques, Fleury, RaulNegrão
- OT 12** **Leprosy patients deserve a proper follow-up!** Naafs, Ben
- OT 13** **Management of reactions in leprosy.** Naafs, Ben
- OT 14** **Ofloxacin based regimens in leprosy - long-term observations.** Ganapati, R., Pai, V.V., Revankar, C. R., Bulchand, H. O., Kingsley, S.
- OT 15** **Pancitopenia observada durante poliquimioterapia para MHD-T, revertida com a suspensão da dapsona.** de Andrade, Ana Regina Coelho, Ramos, Andréa Machado Coelho, Araújo, Marcelo Grossi, Brandão, Marilda Elena T.
- OT 16** **Persistência de bacilos em pacientes de hanseníase multibacilares após 12 doses do esquema PQT/OMS. Resultados preliminares.** Alves, Larissa Mitraud, Avelleira, João Carlos Regazzi, Vianna, Francisco Reis, Boechat, Alfredo Marques, Madeira, Suzana

August 8 - 2h30 pm–4h30 pm

Room: A1

EPIDEMIOLOGY III

President: José Fernando Casquel Monti (Brazil)

Commentator: S. K. Noordeen (India)

Secretary: Pieter A. M. Schreude (The Netherlands)

- OE 6 Analysis of the cases of leprosy newly detected in Zhejiang province from 1989 to 1998.** Jianjun, Yao, Ailin, Zhou, Yunliang, Shen, Chi, Luo, Yaping, Xu
- OE 8 Assessment on the epidemiological trends in leprosy-endemic villages.** Xiaoman, Weng, Yan, Weng, Lianchao, Yuan, Longde, Li Huanying Yang, Hen, Long
- OE 26 Stepwise regression analysis of risk factors on the degree of disabilities of leprosy.** Lu, Chengzhi, Gao, Shujian, Zhang, Zhenguo, *et al.*
- OE 14 Epidemiology of leprosy on five isolated islands in Indonesia.** Bakker, M., Hatta, M., Kwenangand, A., Oskam, L.
- OE 15 Evaluation of MLEC in Bihar state - India.** Krishnamurthy, P., Raju, G. Ramakrishna, Prasad, R. Bishwanath, Rao, T. Prabhakar, Vijayakumaran, P.
- OE 17 Impact of MLECs in NLEP Bihar - a study.** Krishnamurthy, P., Reddy, G. Adishesha, Prasad, Bishwanath, Rao, T. Prabhakar, Raju, G. Ramakrishna, Vijayakumaran, P.
- OE 20 Leprosy transmission and mucosal immunity: *M. leprae* exposure and humoral mucosal immune response in endemic population.** Shinde, V.S., Jadhav, R.S., Fernando, A., Kamble, Ravindra R., Madhale, S.P., Rao, J.R., Edward, V.K., Smith, W.C.S.
- OE 31 Vaccinal scar by BCG and prevalence of clinical forms in leprosy patients and the response to lepromine in contacts.** Goulart, I.M.B., Damian, M.G.C., Ferreira, I.C.C., Gonçalves, N.S.M., Pires, B.C.O., Silva, T.R., Machado, V.S., Berbel Júnior, A.S.
- OE 30 Universal limits, inter-quartile ranges and measurement of the quality of leprosy care in sub-Saharan Africa.** Ogbeiwi, Osahon
- OE 16 Hanseníase e emigração em uma área industrial.** Dall'Áglio, Ferrucio Fernando, Ito, Lúcia Mioko, Proto, Rodrigo Sestito, de Barros, Juliano Cesar, Santos, Simone

Room: A2

OPERATIONAL ASPECTS OF ELIMINATION III

President: Conceição Palma (Angola)

Commentator: D. Porricha (India)

Secretary: Rosa C. França Ribiero Soares (Brazil)

- OOA 19 Problems associated with integration of leprosy in Bihar state in India & possible solutions.** Raman, D.K., Menezes, L.
- OOA 20 Projeto prioritário “Tolerância zero: Mato Grosso sem hanseníase”.** Secretaria de Estado de Saúde de Mato Grosso (Amaury Gonzaga)

- OOA 21 **Reaching NLEP services to the distant poor tribal population in Chhattisgarh.** Mukherjee, B.P.
- OOA 22 **Regionalização das ações de eliminação de hanseníase integradas na atenção básica - Bahia, Pernambuco e Piauí 2001–2002.** Possídio, Lúcia, Rocha, Geania, Stélvia, Tâmara, Andrade, Vera
- OOA 23 **Resistance to change: high points in the Sri Lankan integration process.** Settinayake, Sunil, Kasturiaratchi, Nimal D., Grewal, Penny
- OOA 24 **Role of combined monitoring and updating registers in eliminating leprosy in Africa, Guinea and Cameroon experiences.** Landry, Bidé, Alexandre, Tiendrebéogo
- OOA 25 **Survey of leprosy in unapproachable and uncovered area.** Thakar, Shri U.H., Ganapati, R., Naik, S.S., Kathe, Pratibha
- OOA 26 **Technical support team (TST) for the promotion of leprosy and tuberculosis work in the district - a concept paper.** Abraham, Thomas, Devadas, T. Jayaraj
- OOA 27 **Urban leprosy control in endemic countries - an under-recognized problem.** Ganapati, R., Pai, V.V., Bulchand, H.O.

Room: A3

MICROBIOLOGY & MOLECULAR BIOLOGY III

President: Thomas Gillis (USA)

Commentator: Philip Suffys (Brazil)

Secretary: Antonio Jorge Tempone (Brazil)

- OM&BM 3 **Carbohydrate metabolism in leprosy patients.** Tsemba, V.P., Naumov, V.Z., Urlyapova, N.G.
- OM&BM 6 **Detection of *Mycobacterium leprae* nasal carriers by polymerase chain reaction in single lesion leprosy patients.** Silva, M.H.M., Castro, F., Visconde, A.M., Sousa, A.L.O.M., Rebello, P.F.B., Gomes, M.K., Nararashi, K., Sacchetim, S.C., Costa, M.B., Stefani, M.M.A., Martelli, C.M.T., Gillis, T.P.
- OM&BM 7 **Distinguishing variants of *M. leprae* laboratory strains.** Truman, Richard, Gillis, Thomas P.
- OM&BM 8 **Evaluation of TNF- α and IL-10 single nucleotide polymorphism (SNPS) among HIV/*M. leprae* co-infected and leprosy patients.** Galhardo, M.C.C., Vanderborght, P.R., Nery, J.A.C., Silva-Filho, V.F., Sarno, E.N., Sampaio, E.P., Santos, A.R.
- OM&BM 11 **Genetic susceptibility to Erythema Nodosum Leprosum (ENL) in leprosy.** Macdonald, Murdo, Shrestha, Niraj, Sidiqui, Ruby, Roche, Paul, Kaplan, Gilla
- OM&BM 12 **Genomic diversity in RPOT gene of *Mycobacterium leprae* and geographic distribution in Latin America.** Matsuoka, Masanori, Kashiwabara, Yoshiko, Legua, Pedro, Wiens, Carlos, Fafutis, Mary

- OM&BM 16** **Persists in leprosy after multi-drug treatment in MB patients.** Gupta, U.D., Katoch, K., Singh, H.B., Natrajan, M., Katoch, V.M.
- OM&BM 20** **Single nucleotide polymorphisms (SNPS) of TNF- α and IL-10 genes and susceptibility to leprosy among household contacts.** Santos, A.R., Moraes, M.O., Vanderborght, P.R., Matos, H.J., Silva-Filho, V.E., Vasconcellos, S.E.G., Maniero, V.C., Sampaio, E.P., Sarno, E.N.
- OM&BM 23** **Studies on strain variation in *M. leprae* using TTC repeats.** Katoch, V.M., Lavania, Mallika, Singh, H.B., Natrajan, M., Katoch, K., Kamal, Raj, Sharma, V.D., Chauhan, D.S., Das, R., Srivastava, K., Gupta, P.
- OM&BM 30** **Viability of *M. leprae* in lepromatous patients after completion of 12 months of multi-drug therapy.** Ebenezer, Gigi J., Sugumaran, Thomson, Daniel, Sheela, Rao, Geetha S., Arunthathi, S., Rao, P.S.S. Sunder, Job, Charles K.

Room: E1

SOCIAL ASPECTS III

President: Marlene Santos Barrozo (Brazil)

Commentator: Sunil Deepak (Italy)

Secretary: Terezinha Kinue Yano (Brazil)

- OSA 17** **Importance of implementing public relation techniques in resource mobilization & image building of NGO working for leprosy elimination.** Sathe, D.J., Dongre, V.V.
- OSA 20** **O estigma na realidade intrafamiliar do adolescente com hanseníase.** dos Santos, Maria Francelina, Varela, Zulene Maria de Vasconcelos
- OSA 21** **O imaginário religioso de pacientes de hanseníase.** Mellagi, André Gonçalves, Monteiro, Yara Nogueira
- OSA 23** **O sujeito e a hanseníase.** Patrício, Rosângela Alves de Carvalho
- OSA 24** **Participation restriction: a qualitative study of integrated and vertical approaches to leprosy.** Arole, Shobha, Premkumar, Ramaswamy, Arole, Raj, Maury, Mathew, Saunderson, Paul
- OSA 25** **Psychiatric morbidity among leprosy patients in Nepal.** Shrestha, Sakalananda, Shrestha, Niru, Ruchal, Sanju, Butlin, Ruth, Theuvenet, Wim, Roche, Paul, Macdonald, Murdo
- OSA 26** **Rehabilitation in the eyes of institutionalized leprosy patients.** Landge, Kishor
- OSA 27** **Society's attitude towards rehabilitation of leprosy afflicted after 2000 A.D.** Dole, R.B., Landge, Kishor, Deshpande, M.D.

Room: E2
IMMUNOLOGY III

President: John Spencer (USA)
Commentator: Brigit Wieles (The Netherlands)
Secretary: Suzana Madeira (Brazil)

- OI 3 Cell mediated immunity in leprosy patients with Erythema Nodosum Leprosum (ENL).** Macdonald, Murdo, Shrestha, Niraj, Haslett, Patrick, Manandhar, Rakesh, Albert, Matthew, Lubinsky, Steven, Roche, Paul, Kaplan, Gilla
- OI 6 Efficacy of short term multidrug therapy on the control multibacillary leprosy.** Foss, N.T., Ramalho, E.M., Nunes, T.L., Andrade, J.L., Ferreira, M.A.N., Souza, C.S.
- OI 7 Enumeration of IFN- γ producing cd4+ t cells as a tool for selecting high-level IFN γ -inducing *Mycobacterium leprae* antigens.** Martins, Márcia V.B.S., Lima, Mônica C.B.S., Spencer, John S., Marques, Maria A.M., Kim, Heejin, Gregory, Bruce C., Duppre, Nadia C., Nery, José A.C., Sarno, Euzenir N., Brennan, Patrick J., Pessolani, Maria C.V., Pereira, Geraldo M.B.
- OI 13 In situ expression pattern of IFN- γ , IL-4 and *M. leprae* antigens across spectrum of leprosy reflect disease activity related to reactions.** Verhagen, C.E., Moens, A., Han, Chi, van den Bos, I.C., Fleury, R., Faber, W.R., Naafs, B., Das, P.K.
- OI 14 Interleukin-10 promoter single nucleotide polymorphisms: markers for disease susceptibility and disease severity in Brazilian patients.** Moraes, M.O., Santos, A.R., Schonkeren, J.J.M., Vanderborgh, P.R., Coutinho, D., Sales, A.M., Ottenhoff, T.H.M., Sampaio, E.P., Huizinga, T.W.J., Sarno, E.N.
- OI 23 Reação de mitsuda em pacientes portadores de hanseníase na forma tuberculóide e dimorfa durante e após o surto reacional.** Lastória, Joel C., Opromolla, Diltor V.A., Fleury, Raul N., Bononi, Alexandra P., Pedroso, Karina G., Padovani, Carlos R.
- OI 24 RT-PCR analysis of pathogen and host expression in leprosy patients.** Shabaana, A.K., Shankernarayan, N.P., Hoessli, D.C., Dharmalingam, K.
- OI 25 Screening new leprosy antigens for potential as leprosy skin test.** Macdonald, Murdo, Shrestha, Niraj, Amatya, Parmeshwor, Manandhar, Rakesh, Franken, Kees, Ottenhoff, Tom, Britton, Warwick, Roche, Paul
- OI 28 T cell responses to peptides from *M. leprae* 10 kDA protein in Thai leprosy patients, healthy contacts and non-contacts.** Chua-Intra, B., Srisungngam, S., Wattanapokayakit, S., K. Mahotarn, J. Ivanyi
- OI 29 T cell subsets expressing neural cell adhesion molecule: association with antigen independent, MHC unrestricted T cell cytotoxicity in leprosy pathology.** Spierings, Eric, De Boer, Tjitske, Dekker, Tamara, Kaleab, Birhane, Naafs, Ben, Faber, William R., Das, Prana K., Wieles, Brigitte, Ottenhoff, Tom H.M.
- OI 32 The role of TH1 and TH2 cytokines in acute leprosy neuritis.** Khanolkar-Young, S., Coulthart, A., Suneetha, S., Lockwood, D.N.J.

Room: M4
HEALTH EDUCATION III

President: Efigênia Coutinho (Brazil)
Commentator: Amália Segóvia (Argentina)
Secretary: Carla Maria Mendes (Brazil)

- OHE 20** **Necessidades educativas vivenciadas pelos doentes de hanseníase em um serviço de referência em Porto Alegre.** Eidt, Letícia Maria
- OHE 21** **Specialist referral teams: a model for leprosy elimination campaigns.** Macdonald, Mark, Pokhrel, Gopal
- OHE 22** **Surfacing of leprosy afflicted persons - a rational approach.** Murugesan, N., Mahmood, K.
- OHE 23** **The promotion of behaviors of leprosy patients in community hospitals through group process with social support.** Prompunjai, Pairoj, Poolnaimuang, Nalinee, Sonthiphumas, Wasana, Thanyasukpaisan, Suchada
- OHE 24** **Treatment default among patients discovered during leprosy elimination campaign (LEC): experience of Kano state Nigeria.** Mahmoud, M.N.

Room: S1
CLINICAL ASPECTS III

President: D. V. A. Opromolla (Brazil)
Commentator: Leontina da Conceição Margarido (Brazil)
Secretary: José Augusto Nery (Brazil)

- OCA 28** **The INFIR cohort study: analysis of reliability and normal data from thermal sensory testing.** Nicholls, Peter, Van Brakel, Wim H., Das, Loretta, Mathew, Alex, Suneetha, Sujai K., Jadhav, Rupendra S., Maddali, Pranava, Lockwood, Diana N.J., Wilder-Smith, Einar, Desikan, K.V.
- OCA 29** **The INFIR cohort study: investigating prediction, detection and pathogenesis of nerve damage and reactions in leprosy.** Van Brakel, Wim H., Nicholls, Peter, Das, Loretta, Mathew, Alex, Suneetha, Sujai K., Jadhav, Rupendra S., Maddali, Pranava, Lockwood, Diana N.J., Wilder-Smith, Einar, Desikan, K.V.
- OCA 30** **The link between facial patches and lagophthalmos occurrence during type I reaction in leprosy.** Opromolla, Diltor V.A., Baccarelli, Rosemari, Ura, Somei, Goebel, Marisa, Ghidella, Cassio
- OCA 31** **Use of azathioprine in the treatment of leprosy type I reactions.** Hawksworth, Rachel, Marlowe, Sharon, Butlin, Ruth, Jacob K., Maria, Macdonald, Murdo, Nicholls, Peter, Lockwood, Diana
- OCA 19** **Low bone mass in patients with prolonged reactional episode.** Illarramendi, Ximena, Nery, José Augusto Costa, Sarno, Euzenir Nunes
- OCA 20** **Marcadores clínico-laboratoriais auxiliares no monitoramento do Eritema Nodoso Hansênico.** Martins, A.B., Simão, J.C., Foss, N.T., Souza, C.S.

- OCA 14** **Histopathological study on experimental leprosy in tupaias (*Tupaia belangeri yunalis*).** Heying, Wang, Jihe, Liu, Lingchong, Yu, *et al.*
- OCA 15** **Immunohistochemistry, *in situ* hybridization and *in situ* PCR in the histodiagnosis of early leprosy.** Natrajan, Mohan, Katoch, Kiran, Katoch, V.M.
- OCA 5** **BCG effectiveness trial against leprosy among school children, in northern Brazil.** Cunha, Sérgio, Rodrigues, Laura C., Dourado, Inês, Pereira, Susan M., Alexander, Neal, Ichihara, Maria Yury, Pereira, Emilia S., Barreto, Mauricio L.
- OCA 9** **Diferencias - similitudes dos micobacteriosis lepra - ulcera de Buruli.** Echevarria, José Ramon Gomez

Room: S2

TREATMENT III

President: Maria Eugênia Novisk Gallo (Brazil)

Commentator: Bernard Naafs (The Netherlands)

Secretary: Nadzane de Paula Santos (Brazil)

- OT 17** **Relapses among leprosy patients treated with 2-year multidrug therapy. Viability of the organisms and drug susceptibility.** Cunha, Maria da Graça S., Madeira, Suzana, Schettini, Antonio P.M., Rebello, Paula F. Bessa, Pennini, Silmara N.
- OT 18** **Relapses in multibacillary leprosy after 2 years treatment with WHO-MDT regimen.** Cellona, R.V., Balagon, M.F., Dela Cruz, E.C., Abalos, R.M., Walsh, D.S.
- OT 19** **Resultados preliminares de coorte de pacientes multibacilares tratados com 12 meses de poliquimioterapia MB/OMS.** Penna, Gerson Oliveira, Pinheiro, Ana Maria Costa, Nogueira, Lucas, Cardoso, Daniela
- OT 20** **Results of post ROM (single dose) follow-up of 332 single skin lesion (SSL) cases in the N, S, T wards of greater Mumbai, India.** Salunkhe, Sachin R., Mancheril, Joy, Dewarkar, P.R., Samy, A. Antony
- OT 21** **Scenar-therapy for leprosy patients with chronic neuritis.** Shats, E.I., Bezrukavnikova, O.A.
- OT 22** **Tratamento único para pacientes de hanseníase.** Penna, Gerson Oliveira, Pinheiro, Ana Maria Costa, Nogueira, Lucas, Cardoso, Daniela
- OT 23** **Treatment of MB leprosy patients using conventional and newer drugs: minocycline and ofloxacin.** Katoch, Kiran, Natrajan, M., Sharma, V.D., Singh, H.B., Gupta, U.D., Katoch, V.M., Kamal, Raj
- OT 24** **Ultra-high dose cobalamin for treatment of leprosy neuropathy.** Jardim, Márcia R., Illarramendi, Ximena, Penna, Patrícia S., Nery, José A.C., Duppre, Nádia, Sarno, Euzenir N.

POSTER PRESENTATIONS

August 5

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- PCA 1** 17-year surveillance of 657 MB cured cases retreated by modified MDT. Zhichun, Jing, Daohai, Zhou, Jiakun, Chen, *et al.*
- PCA 2** A case report of II leprosy reaction which leading to harm internal organs. Liangkui, Luo
- PCA 3** A clinical and epidemiological profile of multibacillary leprosy patients with a single skin lesion. Vieira, G.A., Sales, A.M., Duppre, N.C., Pereira, R.M.O., Albuquerque, E., Nery, J.A.C., Gallo, M.E.N.
- PCA 4** A field trial of detection and treatment of nerve function impairment in leprosy - report from national POD Pilet Project. Jiang, Juan, Zhang, G.C., Wei, X.Y.
- PCA 5** A special case - A leprosy patient with 2 relapses after multidrug therapy. Khoa, Dao Manh
- PCA 6** Altered skin wrinkling in leprosy patients and contacts. Illarramendi, Ximena, Sales, Anna Maria, Nery, José Augusto Costa, Wilder-Smith, Einar, Sarno, Euzenir Nunes, Wilder-Smith, Annelies
- PCA 7** An analysis of 11 multibacillary leprosy relapses presenting to an outpatient referral centre in Hyderabad, India. Reddy, Rajgopal, Jain, Suman, Muzaffarullah, Syed, Lockwood, Diana N.J., Suneetha, Sujai
- PCA 8** An observation on therapeutic effects on plantar ulcers of 11 cured leprosy cases with disabilities. Jingwen, Luo, Zihong, Chen, Haibo, Nong, Quanyue, Li
- PCA 9** Análise comparativa de resultados histopatológicos com diagnósticos clínicos em hanseníase na URE Marcello Candia, Marituba, Pará. da Cruz, Carlos Alberto Vieira, Salgado, Cláudio Guedes
- PCA 10** Analysis on nerve impairment of the upper limb in 8578 leprosy patients. Liangde, Pan, Xinguo, He, Yanfei, Kuang, Xiaoling, Gao, Xiaodan, Di, Jiangling, Mo
- PCA 11** Analysis of blood serum cristallization in leprosy. Juscenko, A.A., Ajupova, A.K., Urlyapova, N.G.
- PCA 12** Analysis of drop-feet of leprosy in 2235 cases. Liangbin, Yan, Guocheng, Zhang, Xiangsheng, Chen, *et al.*
- PCA 13** Analysis of newly detected leprosy cases from 1990~1998 in China. Wenzhong, Li, Jianping, Shen, Xiangsheng, Chen, Cheng, Jiang, Meiwen, Yu, Chengbin, Zhu

- PCA 14 Analysis on 93 relapsed leprosy cases.** Zhizhi, Fu, Jianxiu, Liang, Peiyong, Huang
- PCA 15 Analysis on detection of new leprosy cases before, during and after the year of leprosy elimination campaigns.** Jianping, Shen, Wenzhong, Li, Meiwen, Yu, Jun, Yang, Longchao, Zhou, Rongmao, Wang, Lufang, Hu, Hongjiang, Mou, Fuchang, Ye, Xinguo, He, Liangde, Pan
- PCA 16 Analysis on nerve impairment of the upper limb in 641 leprosy patients.** Shu, Pan, Xiao-Feng, Pan, Tong-Kui, Liu
- PCA 17 Anatomical and clinical study of the superficial branch of radial nerve - A contribution for the diagnosis of leprosy.** Baccarelli, Rosemari, Navarro, João A.C., Opromolla, D.V.A., Virmond, Marcos C. L., Ura, Somei
- PCA 18 Approaches to identification of risk groups for leprosy neuritis.** Balybin, E.S.
- PCA 19 Associação de hanseníase neural pura e contratura de Dupuytren: relato de caso.** Souza, G.M., Manze, C.J.S., Goulart, I.M.B., Sales, M.A.G., Pereira, J.E.
- PCA 20 Avaliação da neurite hansênica através da ultra-sonografia.** Suenaga, Erika, Sernik, Renato, Margarido, Leontina C., Cerri, Giovanni Guido
- PCA 21 Avaliação do acometimento ungueal na hanseníase.** Gayoso, Carla Wanderley, Azzouz, Dantas, Mohamed A., Francisca Estrêla Maroja, Almeida, M^a das Graças Videres A., Buriti, Francimary de Sousa
- PCA 22 Avaliação do comportamento clínico dos hansenianos no Instituto Lauro de Souza Lima no período de 1930 a 1990.** Galan, Noêmi Garcia de Almeida, Nakayama, Edson Eiji, Soares, Vitor
- PCA 23 Bacteriological status of leprosy affected beggars & its epidemiological significance.** Jain, Suman, Reddy, Rajgopal, Jani, Shaik Yousuf, Suneetha, Sujai
- PCA 24 Borderline lepromatous leprosy in a patient treated with infliximab (a tumor necrosis factor inhibitor).** Joyce, M. Patrícia, Scollard, David
- PCA 25 Challenges of implementing a skin test trial for leprosy under present day circumstances.** Rivoire, Becky L., Terlouw, Stephen M., Roche, Paul W., Macdonald, Murdo, Brennan, Patrick J.
- PCA 26 Characteristics of patients with Hansen's disease seen at a private medical center in Hawaii, 1998 and 1999.** Teruya, Nina M., Richard Frankel, I., Sato, Ronson J.
- PCA 27 Clinical & epidemiological evaluation of patients with Hansen's aged between 0 to 14 years.** Chaves, M.S.R., Araújo, P.L.M., Ingrid, Sailaja, K.S., Nery, J.A.C., Azulay, R.D.
- PCA 28 Clinical analysis of 111 leprosy patients with type 1 lepra reaction.** Lufang, Hu, Jiusi, Luo, Daming, Jian, Yong, Ning, Xinsheng, Wu
- PCA 29 Clinical and diagnostic aspects of the pure neural variety of leprosy.** Garbino, José A., Belone, Andrea F.F., Marciano, Lúcia H.S.C., Fleury, Raul N.

- PCA 30 Clinical evaluation of infantile nodular Hansen's (INH).** Baraúna, S., Barcelos, D.L., Mendonça, I.P.T., Orofino, R.R., Abreu, F., Nery, J.A.C., Azulay, R.D.
- PCA 31 Comparison between *ML* of tissue fluid smear and that of pathologic section before and after MDT on MB leprosy patients.** Cun-Xin, He, Xiao-Ying, Wang, Xiu-Lian, Zhang
- PCA 32 Comprometimento da mucosa oral em pacientes virchovianos tratados com PQT e ROM.** Opromolla, Marcelo Araújo, Ura, Somei, Opromolla, D.V.A.
- PCA 33 Concurrent leprosy & HIV infection - short term observations - two case reports.** Pai, V.V., Bulchand, H.O., Ganapati, R.
- PCA 34 Development of a scale to measure the severity of reaction in leprosy.** Anderson, Alison, Sigdel, Himalaya, Herm, Friedbert, Knuutila, Jukka, Hawksworth, Rachel, van Brakel, Wim, Marlowe, Sharon
- PCA 35 Diagnóstico da hanseníase: o exame clínico associado à baciloscopia para uma terapêutica adequada.** Dias, Alexandre C., Sant'ana, Iara Pessoa, Gregório, Vera Rejane do Nascimento
- PCA 36 Dificuldade diagnóstica na lesão granulomatosa da face na criança.** Abulafia-Azulay, Luna, Azulay, R.D., Sodr , C.T., Leal, F.R.P.C., Nery, J.A.C.
- PCA 37 Doena auto-agressiva hans nica.** de Barros, Alexandre Lima, Balbo, Bruno Eduardo Pedroso, Oz rio, Maria Alice Ribeiro, Carvalho, Marina Lemos, Motta, Roberta Leste, Silva, Rosana Barbosa, da Silva, Rozana Castorina, de Moura, S lvia Helena Lyon, Lyon, Sandra
- PCA 38 Dormant lepra bacilli in the ocular tissue in pre MDT dapsone era and post MDT era.** Samanta, Swapan K., Roy, I.S., Biswas, Jyotirmoy
- PCA 39 Eritema Nodoso Necrotizante - relato de caso.** Barbosa, Andr ia Castanheiro da C., Ito, L cia Mioko, Proto, Rodrigo Sestito, Dall' glio, Ferruccio Fernando
- PCA 40 Erythema Nodosum Leprosum (ENL) possibly triggered by levofloxacin 3 years after completion of multidrug therapy (MDT).** Nishioka, S.A., Goulart, I.M.B.

EPIDEMIOLOGY

- PE 1 A endemia hans nica no noroeste do estado de S o Paulo.** Ferreira, E.A.R., Mencaroni, D.A., Oliveira, M.H.P., Pinto Neto, J.M., Villa, T.C.S.
- PE 2 A multicentric trial for treatment of 2–5 lesions PB leprosy with single dose of ROM.** Gupte, M.D., Nagaraju, B., Balasubramaniam, S., Mahalingam, V.N., Anitha, S., Sarojamma, K., Subbaroyulu, S.V., Nanda, N.K., Emmanuel, Margery, Jayarama, Subbaiah
- PE 3 A multicentric trial for treatment of mono lesion PB leprosy with single dose of ROM.** Gupte, M.D., Nagaraju, B., Balasubramaniam, S., Mahalingam, V.N., Anitha, S., Sarojamma, K., Subbaroyulu, S.V.
- PE 4 A municipalizao da sa de e o controle da hansen ase.** Cintra, Ivete A., Ttuy, Leni P., Bertolini, Maria S.

- PE 5** **A recidiva da hanseníase nos dados oficiais do RJ: validação no arquivo local da unidade de referência do município de Duque de Caxias.** Hercules, F.M., Cunha, M.D., Oliveira, M.L.W.
- PE 6** **A survey of the knowledge and attitude towards leprosy of the health worker in the epidemic area.** Xinsheng, Wu, Rongmao, Wang, Yong, Ning, Lufang, Hu, Binyu, Li, Kai, Wang, Ling, Shi, Lu, Hei
- PE 7** **A survey of the knowledge and attitude towards leprosy of the residents in the epidemic area.** Xinsheng, Wu, Rongmao, Wang, Yong, Ning, Lufang, Hu, Binyu, Li, Kai, Wang, Ling, Shi, Lu, Hei
- PE 8** **An analysis of the benefits of prevention and treatment of leprosy in Sanming city.** Xingzhao, Zheng, Xianming, Wu, Yansheng, Dai, Qiujin, Chen
- PE 9** **Análise da implantação da estratégia do CONASEMS na eliminação da hanseníase no município de Palmas - Tocantins.** Ignotti, Eliane, Valente, Joaquim Gonçalves, Andrade, Vera
- PE 10** **Análise epidemiológica dos casos novos de hanseníase residentes no município de Belo Horizonte, Minas Gerais, Brasil, no período de 1999 a 2001.** Fonseca, Paulo de Tarso Silveira, Ferreira, Renato César
- PE 11** **Analysis on nerve impairment of the upper limb in 8578 leprosy patients.** Liangde, Pan, Xinguo, He, Yanfei, Kuang, Xiaoling, Gao, Xiaodan, Di, Jiangling, Mo
- PE 12** **Analysis of newly found leprosy patient form 1990 to 2000 year in Gansu province.** Deying, Wang, Taojun, Mu, Yaowen, Qiu
- PE 13** **Analysis of quality control of leprosy bacilli microscopy.** Zuosheng, Liu
- PE 14** **Arrest of leprosy morbidity and disease transmission in urban areas - A mop up operation.** Pai, V.V., Kingsley, S., Bulchand, H.O., Gaikwad, V., Ganapati, R.
- PE 15** **Articulação das ações de controle da hanseníase ao Programa Saúde da Família no município de São João do Piauí, Brasil.** Pereira, Maria Goretti S., Amorim, Márcia L., Oliveira, Sônia M., Santos, Vânia C., Miranda, Virgílio M., Assunção, Adriana V.P., Ramos Jr., Alberto N.
- PE 16** **Aspectos epidemiológicos da hanseníase no estado da Paraíba.** de Faria, Laura Maria Abrantes, de Miranda, Clélia Simpson
- PE 17** **Avaliação clínica epidemiológica de pacientes com hanseníase acompanhados em um ambulatório de dermatologia sanitária.** Nery, J.A.C., Novellino, A.B.C., Tanaka, R.M., Leal, F., Turiel, A.F.A.H.L., Twardowski, G., Melo, S., Azulay, R.D.
- PE 18** **Avaliação do preenchimento do grau de incapacidade na ficha do SINAN.** Leboeuf, Maria Ana A., Grossi, Maria Aparecida de Faria, Magalhães, Eni S.B.
- PE 19** **Avaliação do programa de controle da hanseníase no município de Caruaru/PE.** dos Santos, Ailton Romero, Barbosa, Maria Jesus, Lima, Erika Virginia, da Silva, Otamires Alves
- PE 20** **Avaliando a cobertura de BCG em contatos de hanseníase, no Brasil.** Magalhães, Maria da Conceição Cavalcanti

- PE 21 BCG em comunicante: eficácia e suscetibilidade.** Nakhodo, P., Tanno, L.K., Techelsk, A.
- PE 22 BCG revaccination on leprosy contacts: preliminary results.** Duppre, N.C., Nery, J.A.C., Sales, A.M., Pereira, R.M.O., Matos, H., Sarno, E.N.
- PE 23 Campanha de combate à hanseníase - São Carlos - SP - 2001: análise dos dados.** Cianflone, Ana Cláudia, Zóia, Edeltraut N., Pedrazzani, Elisete S., de Oliveira, Isabela Gerin, Claro, Maria Tereza, Pioto, Mariangela
- PE 24 Can we prevent leprosy among household contacts of leprosy patients? - A preliminary report from India.** Vijayakumaran, P., Krishnamurthy, P., Declercq, Etienne, Rao, T. Prabhakar
- PE 25 Case detection among non-household contacts of new smear positive MB cases.** Kathe, Pratibha, Thakar, U.H., Kholgade, Dnyanshwar, Bhatki, W.S.
- PE 26 Compare of newly detected leprosy cases between before MDT and after MDT in Nankang city.** Shengwei, Zhang, Shengxing, He, Qinyan, Liao, Xiaocheng, Zhang
- PE 27 Comportamiento de la lepra municipio Camaguey, Cuba 1984-1998.** Mouriño, Nieves Atrio, Mejias, Rene David Sifontes, Camero, Iris Vidal, Sánchez, Miguel Rivero
- PE 28 Construção de perfil epidemiológico de pacientes de 0 a 14 anos, com hanseníase, em um Hospital Escola no Recife.** Lucena, Lea Fradique, da Silva, Marta Ribeiro, Freire, Tatiana Luciano, Gregório, Vera Rejane do Nascimento
- PE 29 Dados clínicos e demográficos de um serviço de atenção primária à hanseníase em Ribeirão Preto-SP.** Miranda, Stenio, Lopes, Maria Luiza Freires, Paganini, Elisabete, Batista, Eliane, Renosto, Adriana Teixeira, Garcia, Rute Aparecida Casas
- PE 30 Detection of *Mycobacterium leprae* DNA by PCR in blood and skin from nine banded armadillo (*Dasypus novemcinctus*) preliminary results.** Deps, Patrícia, Rezende, Adalberto, Tomimori, Jane Yamashita
- PE 31 Distribuição da hanseníase segundo o sexo no município de Governador Valadares - Minas Gerais / Brasil.** Lana, F.C.F., Meléndez, J.G.V., Lanza, F.M., Branco, A.C., Teixeira, S., Malaquias, L.C.
- PE 32 Distribuição geográfica dos casos novos de hanseníase diagnosticados no município de Belo Horizonte, Minas Gerais, Brasil, no período de 1999 a 2001.** Fonseca, Paulo de Tarso Silveira, Ferreira, Renato César

HEALTH EDUCATION

- PHE 1 A eliminação da hanseníase até 2005: fato ou mera utopia?** Pelicer, Fernanda Luiz, Soares, Luciana Garbelini, Quintero, Maria Celeste de Freitas, Paschoal, Vânia Del'Arco
- PHE 2 A endemia oculta e o kit educativo.** Valeriano, José Karlisson Tavares
- PHE 3 A integração de serviços de hanseníase com serviços gerais de saúde.** Gomes, Eunice Alves, Tamiozo, Solange C., Barbosa, Lurdes Dias P., Garcia, Marlene P.

- PHE 4** **Ações educativas sobre hanseníase para a comunidade: aplicação das técnicas da arte popular, teatro e música.** Santos, A.F.J., Miura, D.L., Misiara, G.P., Nakiri, G.S., Santos, F.S., Prado, V.B., Mishima, F.S., Yogi, F., Souza, C.S.
- PHE 5** **Atividades de educação em saúde para detecção precoce e prevenção da hanseníase, tuberculose e AIDS.** Stremel, Nivera Noemia, Shafa, Sonia M^a G., Biscoski, Francisca
- PHE 6** **Avaliação da campanha de detecção da hanseníase no município de Belo Horizonte.** Fonseca, Paulo de Tarso Silveira
- PHE 7** **Avaliação do tema hanseníase no disque-saúde.** Magalhães, Maria da Conceição Cavalcanti, Ventura, Darcy de Valadares Rodrigues
- PHE 8** **Avaliação dos conhecimentos adquiridos pelos agentes comunitários de saúde após sensibilização sobre hanseníase.** Guisard, Carmem Luisa M.P., da Matta, Ana Carolina Duarte, Oliveira, Maria Fernanda, Moreira, Maria Elisa

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- PI 1** **A novel 33 KD lipoprotein antigen from *Mycobacterium leprae*.** Maeda, Yumi, Makino, Masahiko, Crick, Dean C., Kashiwabara, Yoshiko, Brennan, Patrick J.
- PI 2** **A phase II field trial of new leprosy skin test antigens.** Quimpo, Jonathan, Macdonald, Murdo, Roche, Paul, Butlin, Ruth, Lemaster, Joe, Macdonald, Mark, Neupane, Kapil Dev, Terlouw, Stephen, Brennan, Patrick
- PI 3** **A polymorphism in the toll-like receptor-2 gene and its association with lepromatous leprosy.** Kang, Tae Jin, Lee, Seong-Beom, Chae, Gue-Tae
- PI 4** **A preliminary study on leprosy sub clinical infection and its immunoprevalence.** Qinxue, Wu, Huiwen, Shu, Xinyu, Li, Xiaohong, Chen, Suylng, Fen, Xiaojie, Li
- PI 5** **A synthetical study on possibility of predicting early relapse in leprosy using a ND-O-BSA based ELISA.** Qinxue, Wu, Yueping, Yin, Liangfen, Zhang, Xiaohong, Chen, Yanhau, Yu, Zhicheng, Li, Hua, Yu, Hengzhi, Lu, Suying, Feng, Xiaojie, Li, Wei, Huo, Ganyun, Ye
- PI 6** **Allele frequencies for an IFN γ microsatellite in a population of Brazilian leprosy patient.** Kipnis, Ana Paula Junqueira
- PI 7** **An association study between borderline leprosy and the HLA system antigens - preliminary results.** Marcos, Elaine V. Camarinha, de Souza, Fabiana Covolo, Ura, Somei, Opromolla, D.V.A.
- PI 8** **Analysis of the *in vitro* immune response to *Mycobacterium tuberculosis* ESAT-6 recombinant antigen in Brazilian TB patients.** Antas, P.R.Z., Cardoso, F.L., Oliveira, E.B., Pereira, K.C., Teles, R.B., Cunha, K.S., Kees, F., Sarno, E.N., Klatser, P., Ottenhoff, T.M., Sampaio, E.P.
- PI 9** **Anti diabetic autoantibodies in leprosy - an observation.** Ommen, P.K., Babu, C.S. Suri, Sanjeevi, C.B., Arunagiri, K.

- PI 10 Association of autoantibodies to leprosy peripheral neuropathy.** Bühner-Sékula, S., Willison, H.J., Oskam, L., Klatser, P.R.
- PI 11 Atividade da adenosina deaminase no surto reacional.** Machado, Paulo Roberto Lima, Fernandes, Bethania, Correia, Fábio, Netto, Manoel Barral
- PI 12 Correlação entre BCG intradérmico e linfoproliferação e produção das citocinas IFN- γ , IL-12, IL-10 e IL-4 em pacientes com hanseníase e em seus comunicantes.** Castilho, Mirian Lane de O. Rodrigues, Ferreira, Maria Aparecida Nunes, Foss, Norma T.
- PI 13 Correlação entre BCG intradérmico e níveis de anti-PGL-1 em pacientes com hanseníase e em seus comunicantes.** Castilho, Mirian Lane de O. Rodrigues, Ferreira, Maria Aparecida Nunes, Foss, Norma T.
- PI 14 Criptococose em paciente de hanseníase: relato de caso.** Lastória, Joel Carlos, Silveiras, Maria Regina C., Delgado, Ana Paula, Putinatti, Maria Stella M.A.
- PI 15 Cytokine levels correlate with multidrug-resistant pulmonary tuberculosis in Rio de Janeiro.** Fortes, A., Antas, P.R.Z., Dalcolmo, M., Milagres, A., Oliveira, E., Hijjar, M.A., Pereira, K., Kritski, A., Ottenhoff, T.H.M., Sampaio, E.P.

MICROBIOLOGY & MOLECULAR BIOLOGY

- PM&MB 1 A histological and bacteriological assessment of leprosy patients with < 5 lesion.** Suneetha, Sujai, Rao P., Narasimha, Lakshmi, T.S.S.
- PM&MB 2 A histopathological study of type II (ENL) reaction in leprosy.** Suneetha, Sujai, Desikan, K.V.
- PM&MB 3 Altered protein phosphorylation in leprosy lymphocytes - a preliminary study.** Devi, Karuna, Suneetha, Lavanya M., Suneetha, Sujai
- PM&MB 4 Armadillo-derived *Mycobacterium leprae* produces a Heparin-Binding Hemagglutinin Adhesin (HBHA).** Marques, M.A.M., Pessolani, M.C.V., Brennan, P.J., Loch, C., Menozzi, E.D.
- PM&MB 5 Association of NRAMP1 gene polymorphism with genetic susceptibility to leprosy.** Ferreira, F.R., Goulart, I.M.B., Cunha, G., Nishioka, A.S., Goulart, L.R.
- PM&MB 6 Association of vitamin D receptor gen (VDR) Taq1 polymorphism with susceptibility to leprosy.** Ferreira, F.R., Goulart, I.M.B., Borges, D.S., Pinheiro, C.A., Goulart, L.R.
- PM&MB 7 Changes in the prevalence of dapsone resistant leprosy since the implementation of MDT.** Neupane, Kapil Dev, Failbus, Sarah, Butlin, Ruth, Roche, Paul, Macdonald, Murdo
- PM&MB 8 Changes in viability of interdermal *M. leprae* associated with the histopathological response of susceptible and resistant armadillos.** Truman, Richard, Krahenbuhl, James L.

PM&MB 9 **Detection of *M. leprae* and its susceptibility to dapsone using DNA heteroduplex analysis.** Williams, Diana L., Gillis, Thomas P.

OPERATIONAL ASPECTS

- POA 1** **A estratégia saúde da família no processo de eliminação da hanseníase no município de Sobral.** de Andrade, Luiz Odorico Monteiro, Barrêto, Ivana Cristina de Holanda Cunha, Lira, Geison Vasconcelos, Bezerra, Francisca Marlene
- POA 2** **A importância da supervisão técnica estadual nas ações de controle da hanseníase dos municípios de pequeno porte.** Dias, Regina Célia
- POA 3** **A method for “focal surveys” in hard to reach low prevalence areas.** Sigdel, Himalaya, Gautam, Shailendra, Anderson, Alison
- POA 4** **A unique political force on behalf of the protection and assistance to leprosy affected persons.** Moreira, Tadiana Maria Alves, Andrade, Vera, Pereira, Gerson Fernando Mendes, Virmond, Marcos, Suarez, Gil, de Souza, Artur Custódio
- POA 5** **Active vs. passive case detection.** Wiens, Carlos
- POA 6** **Advocacia em hanseníase no estado do Rio de Janeiro.** Moreira, Tadiana Maria Alves, Andrade, Vera
- POA 7** **Alta coletiva promovendo a auto-estima e o autocuidado de ex-portadores e portadores de hanseníase em Sobral.** Barreto, Ivana Cristina de Holanda Cunha, Bezerra, Francisca Marlene de Sousa, Cavalcante, Maria de Jesus Guilherme, Flor, Sandra Maria Carneiro, de Andrade, Luiz Odorico Monteiro
- POA 8** **An alternative approach of NGOs.** Mitra, P.K.
- POA 9** **An attempt of integration of leprosy services in private medical practitioners at Panvel - Maharashtra - India.** Kulkarni, D.S.
- POA 10** **Análise da implantação do SINAN, na área de hanseníase - Brasil - 2002.** Magalhães, Maria da Conceição Cavalcanti, Carvalho, Carolina Novaes, Ciriaco, Denise Leão, Glatt, Ruth, Moreira, Marilda Vieira
- POA 11** **Análise dos critérios diagnósticos de hanseníase na Diretoria Regional de Belo Horizonte, no ano de 1997.** de Andrade, Ana Regina Coelho, Azevedo, Marisa Costa, Ferreira, Regina Licinia
- POA 12** **Análise dos encaminhamentos para referência em hanseníase do Hospital das Clínicas da UFMG de 03/2001 a 02/2002.** de Andrade, Ana Regina Coelho, Ramos, Andréa Machado Coelho, Araujo, Marcelo Grossi
- POA 13** **Atendimento da demanda no centro colaborador nacional.** Duppre, N.C., Nery, J.A.C., Sales, A.M., Pereira, R.M.O., Pessanha, K., Gallo, M.E.N.
- POA 14** **Atividades de controle de eliminação de hanseníase no estado do Acre. Dificuldades e progressos.** Woods, William John, Marques, Leia Borges Carneiro, Barbosa, Ruth Rodrigues, Milhan, Ursula

- POA 15 Avaliação da proposta de integração interdisciplinar e ensino-serviço - 1993 a 2001.** Paschoal, Vânia Del'Arco
- POA 16 Avaliação do banco de dados SINAN no estado do Rio de Janeiro.** Moreira, Tadiana Maria Alves, Valle, Cláudia Lúcia Paiva, Xavier, Anna Guimarães Mendes, Pimentel, Maria Inês Fernandes, Bittencourt, Vilma Tavares Gomes, Parentoni, Ana Luiza
- POA 17 Avaliação do impacto da campanha estadual de combate à hanseníase nos municípios da região metropolitana da Baixada Santista.** Freire, Ângela Antunes, Faria, Flávio Alves, di Renzo, José Ricardo Martins, Oliveira, Maria de Fátima Corrêa
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- PPOD 12** Amputation of index and little finger stump. Personal technique. Salafia, A.
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- PT&T 3** **Contribuição das trabalhadoras do sexo do município de Sobral no processo de mobilização social e educação/saúde.** Flor, Sandra Maria Carneiro, Cavalcante, Maria de Jesus Guilherme, Coelho, Christianne Marie Aguiar, Bezerra, Francisca Marlene Sousa, Silva, César Augusto Ferreira
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- PT&T 5** **Diretrizes nacionais para elaboração de programas de capacitação para a equipe da rede básica atuar nas ações de controle da hanseníase.** Moreira, Maria Bernadete Rocha, Marques, Adriana Maria Parreiras, Marques, Cláudia Maria da Silva, de Oliveira, Ildinei Reis, Madalena, Maria

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- PT 6** **Adverse effects of prednisolone treatment: a retrospective analysis of a hospital cohort.** Herm, Friedbert, Brandsma, J. Wim, Anderson, Alison
- PT 7** **Agranulocitose por dapsona em paciente portadora de hanseníase tuberculóide, apresentação de um caso.** Sant'Anna, Iara Pessoa, Brito, Maria de Fátima, Gregório, Vera Rejane
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- PT 10** **Causes of poor outcome of prednisolone treatment: a retrospective analysis of a hospital cohort.** Herm, Friedbert, Brandsma, J. Wim, Knuutila, Jukka, Anderson, Alison
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- PCA 43** **Estudo da validade da classificação clínica de hanseníase recomendada pelo Ministério da Saúde do Brasil.** Crippa, Iara Lacerda Ferreira, Schettini, Antônio Pedro Mendes, Peninni, Silmara Navarro, Rebello, Paula Fracinetti, Schettini, Maria da Conceição
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- PCA 47** **Evaluation of the frequency of the reactional states among paucibacillary leprosy patients.** Duarte, S.K., Nery, J.A.C., Machado, A.M., Lyra, M.R., Sales, A.M., Pinto, J.M.N., Gallo, M.E.N.
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- PCA 53** **Fenômeno de Lúcio na gestação.** Buffon, Luciana Pessoli, Leal, Reinaldo, Criado, Paulo Ricardo, Vidigal, Maria do Rosário, Gatti, Thaís Romero
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- PE 58 Geographical information systems and leprosy control: useful tool or gimmick?** van Den Broek, Jacques, Sastry, J.S.R.K., Hackenitz, Erica
- PE 59 Hanseníase em município da grande São Paulo: casos autóctones × casos importados.** Toniolo, Anunciata F.S., Vincenzi, Isabela M., Almeida, Raphael S. Campolim, Lima, Sidney Souza, Ribas, Teresa C.S.
- PE 60 Hanseníase na infância: aspectos clínicos-epidemiológicos em uma área industrial.** Ito, Mioko, Dall'áglio, Ferrucio Fernando, Proto, Rodrigo Sestito, Chiu, João C. S.
- PE 61 Hanseníase na infância e adolescência.** Lima, S.S., Balizardo, D., Caldeira, F.P., Mendes, M.S., Valencio, M.C.S.
- PE 62 Hanseníase na infância.** de Sousa, Antônio Renê D., Guilhon, Rose Porto O., Branco, Francisco José D., Ferreira, Maria Luci Landin T.
- PE 63 Hanseníase no Rio Grande do Norte - uma endemia oculta?** Nobre, Mauricio Lisboa, Camacho, Luiz Antônio Bastos, Sarno, Euzenir Nunes
- PE 64 Hanseníase: reação reversa × forma clínica.** Gonçalves, Heitor de Sá, Lima, Ricardo Américo de A., Mesquita, Ana Célia de A., Menezes, Ruth Helena O., Branco, Francisco José Dias
- PE 65 Hanseníase. Incapacidades físicas após PQT, no período de 1994 a 1998 em Teresina - Piauí.** da Costa, Ana Lúcia França
- PE 66 ILEP-organizations should strive for high BCG coverage in the communities under their care.** Velema, Johan P.

HEALTH EDUCATION

- PHE 9 Campanha estadual de combate à hanseníase 2001: ações educativas.** Lopes, A., Mohalem, D., Cunha, M.N., Vidigal, M.R., Ruiz, E.A., Esteves, S.S., Gurjão, M.R.M., Bezerra, M.I.D., Delchiaro, A.F., Pereira, W.
- PHE 10 Campanhas de busca ativa de casos novos e capacitação de agentes de saúde.** Woods, William John, Marques, Leia Borges Carneiro, de Barros, Vânia Lúcia Queiroz, Oliveira, Maria Leide V. Del Rei
- PHE 11 Capacitação de multiplicadores em hanseníase nos vários segmentos sociais do município de Uberlândia - MG.** Oliveira, A.H.T., Oliveira, E.A., Carvalho, L.R., Marques, D.L.B., Bittencourt, B.C., Goulart, I.M.B.
- PHE 12 Case finding in displaced populations in Angola.** Palma, Maria da Conceição
- PHE 13 Contents of information regarding Hansen's disease (HD) and leprosy in population of metropolitan area of do Rio de Janeiro-Brazil.** Cunha, M.D., Oliveira, M.L.W., Mendes, C.M., Tardin, R.T.
- PHE 14 Educação em saúde: prevenção do mal perfurante plantar pelas equipes da saúde da família.** Lopes, Maria Nelci Bezerra, Bottona, Maria Helena Oliveira, Campos, Sandra Solange Leite, Lopes, Andréa Bezerra
- PHE 15 Espelho da alma por meio das cores: a avaliação da hanseníase reacional.** Paschoal, Vânia Del'Arco, Soler, Zaida Aurora Sperli Geraldês

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- PI 16 Cytokine mRNA expression in the epidermis of leprosy patients: differential TNF α mRNA regulation during inflammation.** Teles, R.M.B., Moraes, M.O., Geraldo, N.T.R., Salles, A.M., Sarno, E.N., Sampaio, E.P.
- PI 17 Cytokines quantification in supernatant of mononuclear cell culture of patients with leprosy: preliminary results.** Vilani-Moreno, Fátima, Nogueira, Esther, Silva, Eliane, Marcos, Elaine, Ura, Somei, Opromolla, Diltor, Das, Pran, Naafs, Ben
- PI 18 Detection of TNF α mRNA expression by direct in situ RT-PCR in the PBMC of patients with leprosy.** Teles, R.M.B., Aarestrup, F.M., Sarno, E.N., Pinto, G.S., Sampaio, E.P.
- PI 19 Differential serodiagnosis of leprosy and tuberculosis by immunoblot bar reading and ELISA using shared mycobacterial antigens.** Burggraaf, J.D., Verhagen, C.E., Baas, J.G., van den Bos, I.C., Faber, W.R., Naafs, B., Fleury, R., Das, P.K.
- PI 20 Differential trafficking of *Mycobacterium tuberculosis* and *Mycobacterium leprae* in human monocytic THP-1 cells.** Nath, Indira, Vemuri, N., Mohan, Y.J. Murali, Malik, P., Das, T., Colston, M.J., Krahenbuhl, J.L.
- PI 21 Distribution of HLA class ii alleles in leprosy patients of Kazakh population.** Saroyants, L.V., Boldyreva, M.N., Guskova, I.A., Juscenko, A.A., Aleksejev, L.P.

- PI 22** **Distribution of II class HLA alleles in Russian leprosy patients.** Saroyants, L.V., Boldyreva, M.N., Guskova, I.A., Juscenko, A.A., Aleksejev, L.P.
- PI 23** **Estudo comparativo entre reação de Mitsuda e fenotipagem HLA em pacientes hansenianos: resultados preliminares.** de Souza, Fabiana Covolo, Marcos, Elaine Valim Camarinha, Ura, Somei, Nogueira, Maria Esther Salles
- PI 24** **Evaluation of adrenal and gonadal functions in leprosy: comparison to immune response.** Leal, A.M., Magalhães, P.K., Foss, N.T., Moreira, A.C.
- PI 25** **Evaluation of T cell immune response to the ESAT-6 homologue of *Mycobacterium leprae* in leprosy.** Sampaio, Elizabeth P., Geluk, Annemieke, Antas, Paulo R.Z., Franken, Kees L.M.C., Oliveira, Eliane B., Pereira, Kelly C., Fortes, Andreia M., Sarno, Euzenir N., Ottenhoff, Tom H.M.
- PI 26** **Evaluation of the 10 minutes ml flow assay using whole blood.** Amador, S., Gussenhoven, G.C., Loureiro, Edvaldo C.B., Bühner-Sékula, S.
- PI 27** **Expression of anti-inflammatory and inflammatory cytokines in the lesions of T1R patients during prednisolone treatment.** Atkinson, Sara, Andersson, Anna K., Little, David, Khanolkar-Young, Saroj, Suneetha, Sujai, Lockwood, Diana N.J.
- PI 28** **Expression of perforin mRNA at the lesion site in leprosy reaction.** Geraldo, N.T.R., Teles, R.M.B., Nery, J.C.A., Sarno, E.N., Sampaio, E.P.
- PI 29** **Ganglioside immuno assay evaluation for leprosy pathological damage.** Sardella, I.G., Schwerer, B., Saad, M.H.F.
- PI 30** **Hepatitis B and C infection among leprosy patients attending the Sanatorium of Fontilles (Spain).** Torres, P., Gomez, J.R., Camarena, J.J., Nogueira, J.M., Navarro, J.C.

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- PM&MB 10** **Detection of mRNA coding for protease enzymes in *Mycobacterium leprae* isolated from human biopsies.** Ribeiro, M.L., Tempone, A.J., Nery, J.A., Albuquerque, E.C.A., Brennan, P.J., Pessolani, M.C.V.
- PM&MB 11** **Dichotomy of -238 and -308 single nucleotide polymorphisms in TNF- α gene: clinical and bacteriological evaluation in leprosy.** Vanderborght, P.R., Moraes, M.O., Matos, J.H., Salles, A.M., Vasconcellos, S.E.G., Silva-Filho, V.F., Huizinga, T.W.J., Ottenhoff, T.H.M., Sampaio, E.P., Sarno, E.N., Santos, A.R.
- PM&MB 12** **Drug resistant *Mycobacterium leprae* from relapse or intractable leprosy case.** Matsuoka, Masanori, Kashiwabara, Yoshiko, Ozaki, Motoaki, Maeda, Sinji
- PM&MB 13** **Evaluation of genetic variability in *Mycobacterium leprae* and possible application for development of molecular tools for strain typing.** Fontes, A.N.B., Brandão, A.A., Santos, A.R., Baptista, I.M.F.D., S.-N., Cho, Sarno, E.N., Suffys, P.N.

- PM&MB 14** Further studies on the histological changes in the skin in primary neuritic leprosy. Suneetha, Sujai, Reddy, Rajgopal, Jain, Suman, Suneetha, Lavanya
- PM&MB 15** Improved procedures for the generation of the recombinant antigens of *M. leprae*. Kim, Hee Jin, Spencer, John S., Marques, Maria Angela M., Lima, Monica C.B.S., Brennan, Patrick J.
- PM&MB 16** Intracellular signals triggered during association of *Mycobacterium leprae* with Schwann cells. Alves, L., Amaral, V.W.A., Pessolani, M.C.V.
- PM&MB 17** Intracellular trafficking of *Mycobacterium leprae* in Schwann cells. Lima, Leila de Mendonça, Pessolani, Maria Cristina Vidal, Sarno, Euzenir Nunes, Barker, Lucia P.
- PM&MB 18** Leprosy transmission and mucosal immune response: do seasons play any role? Jadhav, R.S., Fernando, Miss A., Shinde, V.S., Kamble, Ravindra R., Madhale, S.P., Edward, V.K., Rao, J.R., Smith, W.C.S.

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- POA 23** Demanda da hanseníase num centro colaborador de referência em dermatologia sanitária. de Barros, Alexandre Lima, de Moura, Ana Cláudia Lyon, Balbo, Bruno Eduardo Pedroso, dos Santos, Evany Ducinéia, Lebouef, Maria Ana de Araújo, Grossi, Maria Aparecida de Faria, Carvalho, Marina Lemos, Motta, Roberta Leste, Silva, Rosana Barbosa, de Moura, Silvia Helena Lyon, Lyon, Sandra
- POA 24** District technical support teams - an alternative approach of NGOs in west Bengal. Mitra, Prasun Kumar
- POA 25** Effects analysis for training on the non-leprologists. Xincheng, Wu, Rong-mao, Wang, Yong, Ning, Lufang, Hu, Binyu, Li, Kai, Wang, Ling, Shi, Lu, Hei
- POA 26** Estrategia de intervencion en la atencion primaria de salud para eliminar la lepra como problema de salud en areas de lepra no eliminada. Granma. Gutiérrez, Leonel Alejo, Santiesteba, Eduardo Rodés
- POA 27** Estudo da demanda pós-alta de hanseníase em Minas Gerais - Brasil: contribuição para a sistematização da assistência. Grossi, M.A.F., Leboeuf, M.A., Reyna, M.G.B., Lana, F.C.F., Magalhães, E.S.B.
- POA 28** Estudo dos fatores influenciáveis à incorporação das ações de controle da hanseníase à estratégia de saúde da família no Espírito Santo. Madeira, Elizabeth Santos, Zandonade, Eliana, Moreira, Marilda Vieira, da Conceição, Regina Lúcia
- POA 29** Evaluation of mass case detection campaign in Bihar state in India. Krishnamurthy, P., Rao, T. Prabhakar, Raju, G. Ramakrishna, Prasad, Biswanath
- POA 30** Factors contributing to defaulting of leprosy patients in central terrain district of Nepal. Chalise, Suraj C.

- POA 31 Fluxo de atenção à hanseníase em Curitiba/PR-BR.** Araújo, Josiane M.R., Bonato, Laudia W., Gabardo, Betina A., Luhm, Karin R., Ribeiro, Cléa E.L., Stahlke, Ewalda V.R.
- POA 32 Gender differentials in leprosy disease process and control in the state of Amazon, Brazil.** Pereira, Emilia dos Santos, Sadahiro, Megumi, Freire, Ione da Silva
- POA 33 Geographic information system as an effective tool for health care monitoring.** Mariaselvam, B. Suresh, Suresh, N.
- POA 34 Hanseníase: incidência em comunicantes de paciente virchovianos.** Lima, Sidney S., Pinto, Analice S.T., Dario B.R., José, Azevedo, Maria Dorotéa D.S., Dias, Sônia Maria M.F.
- POA 35 Hanseníase no Maranhão: atividades realizadas no período de 1992 a 2001 buscando a eliminação da doença.** Bastos, Célia Maria Soares, Rodrigues, Eliane Barbosa Alves, Vieth, Hannelore, Freitas, Kátia Cristina Lopes
- POA 36 Horizontalisation of a vertical programme: the role of leprosy elimination campaigns in the integration process of Leprosy Control in Jigawa, Nigeria.** Namadi, Abdullah U., Visschedijk, Jan, Samson, Kefas
- POA 37 How to maintain quality of leprosy control services in Borno state, Nigeria.** Lawi, Mshelia Auta
- POA 38 Impacto da implantação do programa de saúde da família nas ações de controle em hanseníase no município de Contagem, Minas Gerais.** Lacerda, Alzerina R., Araújo, Cláudia A.O., Marcial, Tânia M.
- POA 39 Impacto das campanhas de eliminação da lepra na província do Niassa.** Molide, Juma Valgy
- POA 40 Impacto das campanhas de eliminação da lepra província de Niassa.** Alone, Rodrigues
- POA 41 Integrated leprosy control within a weakened health care system, lessons learned in Darfur, Sudan.** Buddingh, Henk
- POA 42 Integration of leprosy care services in urban area.** Mohanty, S.K.
- POA 43 Intensification of leprosy elimination - Angola.** Teixeira, Bernardino Pereira
- POA 44 Labor de los agentes de salud en el control de la lepra. Situacion habitual en areas rurales.** Echevarría, José Ramón Gómez, Ramos, José María Hernandez

POD & REHABILITATION

- PPOD 29** Contemporary designer MCR footwear for leprosy patients with grade I & II disability. Muzaffarullah, Syed, Jain, Suman, Reddy, Rajgopal, Suneetha, Sujai, P.V., Ranganadha Rao
- PPOD 30** Correction of lagophthalmus and ectropion in leprosy by the tarsal strip technique. Meyer, Tufi Neder
- PPOD 31** Deformidades advindas de dano neural em pacientes com hanseníase atendidos no C. D. D. Libânia - Ceará, 2000 e 2001. Aderaldo, Lúcio Cartaxo, Sales, Cláudia Maria M.R.
- PPOD 32** Disability management program - a multipurpose software. Shah, Atul, Shah, Neela
- PPOD 33** Disability prevention, care and rehabilitation activities in the integrated set-up: initial experiences. Shah, Atul, Shah, Neela
- PPOD 34** Does ssod prevent plantar ulcers? Martin, G. George, Lazar, Lalli, Muliyl, Jayaprakash
- PPOD 35** Drop foot correction by tibialis posterior transfer two year follow-up study. Narayanakumar, T.S., Rath, Santosh
- PPOD 36** EHF disability score not useful in the evaluation of POD activities. Bud-dingh, Henk
- PPOD 37** Escolaridade do doente de hanseníase, e prevenção de incapacidades: estudo em um ambulatório de especialidades. Vieira, Carmen Silvia de Campos Almeida, Silva, Eliete Maria, Guisard, Carmen Luiza M.P.
- PPOD 38** Estudo comparativo da evolução da função neural em pacientes com hanseníase no intervalo de 1990 a 2002. Lehman, Linda, Orsini, Maria Beatriz Penna
- PPOD 39** Evaluation of effectiveness of leprosy rehabilitation pilot project for 3 years in four counties in Yangzhou prefecture of China. Xinhua, Zhang, Jun, Su
- PPOD 40** Exame oftalmológico em hanseníase: comparação das alterações entre casos paucibacilares e multibacilares. Costa, M.S., Gallo, M.E.N., Nery, J.A.C., Padoin, F., Benchimol, E.
- PPOD 41** Fascia and aponeurosis release for long flexor contracture in claw hand. Shah, Atul
- PPOD 42** Follow up of leprosy patients after reconstructive surgery. Mathew, Jacob, Vijayakumaran, P., Krishnamurthy, P.
- PPOD 43** Grau de incapacidade dos pacientes de hanseníase na alta por cura acompanhados no HRAN no período de 2000/2001. Moreira, Nancy Pereira
- PPOD 44** Hanseníase: cirurgia de prevenção e reabilitação/HUCFF/UFRJ. Gomes, M.K., Knackfuss, I., Adeodato, S., Cabral, E., Saad, L.M., Oliveira, E.R., Santos, R., Ferreira, A., Oliveira, M.L.W.

- PPOD 45** **Helping disabled leprosy patients with ADL-assessment.** Mancheril, Joy, Hemant, P.N., Ebenezer, J., Samy, A.A.
- PPOD 46** **How to organize rehabilitation services.** Chauhan, Abdulbhai K., Dave, P.V.
- PPOD 47** **Identificação de incapacidades em portadores de hanseníase.** Paschoal, Vânia Del'Arco, Pinheiro, Marilúcia Gonçalves, dos Santos, Margaret Gonçalves, Akasaki, Angela Midori
- PPOD 48** **Implementation of computerized hand screen.** Figarola, John, Foto, James
- PPOD 49** **Institutional study on new impairments seen among patients with established nerve function loss.** Parisipogula, Victor
- PPOD 50** **Integrated rehabilitation through vocational training of the disabled including leprosy - an experience in Bombay.** Kingsley, S., Bala, Vinchala, Pai, V.V., Ganapati, R.
- PPOD 51** **Integrated, holistic rehabilitation endeavours in P.R. of China.** Watson, Jean M., Withers, W., Lihua, Gemei
- PPOD 52** **Is leprosy morbidity less? Three decades of hospital experience.** Subramanian, Arunachalam, Sebastian, M.A., Roseline, Linda
- PPOD 53** **Is there a relationship between light touch-pressure sensation and functional hand ability?** Melchior, Hanna
- PPOD 54** **Kushtrog kayakalp karyakram (reconstructive surgery camps) - three years experience in Gujarat state (India).** Dave, Paresh V., Pathak, Kamal, Chadha, Anil, Bhatt, Yogesh, Bhatt, Ashok
- PPOD 55** **Lagophthalmos in leprosy - a current status report from eastern India.** Samanta, Swapan K., Roy, I.S., Dey, Asim K., Chattaraj, Amitava
- PPOD 56** **Leprosy foot disability in Nepal.** Ruchal, Sharan, Khadka, Narendra, Macdonald, Mark, Teixeira, Bernardino Pereira

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- PSA 14** **Ciência e religiosidade uma parceria no processo de eliminação da hanseníase no município de Sobral-CE.** Barreto, Ivana Cristina de H.C., Cavalcante, Maria de Jesus Guilherme, Bezerra, Francisca Marlene de Sousa, de Andrade, Luiz Odorico Monteiro, Andrade, Vera
- PSA 15** **Community participation in leprosy care services.** Nanda, N.K., Ratre, K.R., Sen, B.C., Das, K., B. Das, Chandu
- PSA 16** **Community participation in leprosy elimination programme in Chhattisgarh.** Kalchuri, J.K., Soni, Ishwari
- PSA 17** **Considerações psicossociais sobre a pessoa portadora de hanseníase.** Siqueira, L.M.S., Macário, D.P.Ap.P., Ruiz, R.B., Cara, M.R.G., Garcia, J.R.L.

- PSA 18 Construindo estratégias coletivas de combate ao estigma - A experiência do GAPH.** Oliveira, Adalgisa de Castro Mota, Branco, Francisco José Dias, Sousa, Márcia César, Antunes, Maria Neura
- PSA 19 De tsara'at a hanseníase . . . O impacto da representação social e a crise identitária (o repensar do enfermeiro).** de Miranda, Clélia Albino Simpson
- PSA 20 Empowerment to change lives: IDEA Nigeria adopts Korean model.** Ekekezie, Uche Meeto
- PSA 21 Estudio socioeconómico de los casos diagnosticados de lepra. Camagüey. Cuba 1998–1999.** Mouriño, Nieves Atrio, Camero, Iris Vidal, Fernández, José Raúl de Armas, Mejías, René David Sifontes
- PSA 22 Experience with leprosy elimination and comprehensive care.** Shah, Atul, Salelkar, Arvind, Shah, Neela
- PSA 23 First results of a knowledge, attitudes and practice study on leprosy and other disabilities in Darfur, west Sudan.** Sa'ad, Omar, Coppoolse, Margriet, Buddingh, Henk
- PSA 24 Hanseníase: a mídia e a mobilização social criando demanda.** da Silva, Nelsina Vaz, Costa, Lucimar, Possídio, Lúcia, Rocha, Geania, Stélvia, Tâmara, Andrade, Vera
- PSA 25 Hanseníase: a visão do portador.** Botura, Henrique Moura Leite, Mendes, Marcio Henrique, Moreira, Maria Elisa, Gonçalves, Patrícia de Cássia, Nicolla, Wagner Eduardo
- PSA 26 Hanseníase reacional, quando a dor impede o lazer.** Paschoal, Vânia Del'arco, Crippa, Juliana Dionísio, Nishiyama, Kátia, Trindade, Renata

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- PT&T 6 (Des) mancha Brasil.** Gomes, M.K., Leocádio, J.L., Caldeira, A.D., Daxbacher, E.L.R., Dantas, J.R., Guerra, F.B., Dantas, T.R., Kaufman, J., Farias, M.A., Oliveira, M.L.W.
- PT&T 7 Does the test measure what it intends to measure? An evaluation of ALERT's assessment techniques.** Krishnan, S.A.R.
- PT&T 8 Formação de recursos humanos para a eliminação da hanseníase: relato de experiência.** Lira, Geison Vasconcelos, Lira, Roberta Cavalcante Muniz
- PT&T 9 Hanseníase: cirurgia de prevenção e reabilitação/HUCFF/UFRJ.** Gomes, M.K., Knackfuss, I., Adeodato, S., Cabral, E., Saad, Licia Margarida, Oliveira, E.R., Oliveira, M.L.W.
- PT&T 10 Hanseníase na atenção básica de saúde: efetividade dos treinamentos para os profissionais de saúde no estado do Rio de Janeiro.** Moreira, Tadiana Alves, Pimentel, Maria Inês Fernandes, Valle, Cláudia Lúcia Paiva, Anna Xavier, Guimarães Mendes, Gomes, Vilma Tavares, Bittencourt, Ana Luiza Parentoni E.

PT&T 11 Leprosy training and job satisfaction former trainees about the value of ALERT training. Kazen, Birgitta, Krishnan, S.A.R.

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- PT 12 Ciclosporina ineficaz no controle de pacientes crônicos com reação tipo I. Avaliação através do uso de técnicas de prevenção de incapacidades (PI).** Tavares, Claudia Moacilene Penalber, da Cruz, Carlos Alberto Vieira, Silva, Maria Nazaré Macedo, Xavier, Marília Brasil, do Nascimento, José Luis Martins, Salgado, Claudio Guedes, Meiguins, Maria Crociati
- PT 13 Clofazimine toxicity: a postmortem study.** Jadhav, V.H., Jadhav, M.V., Deshmukh, S.D.
- PT 14 Comparative study of the occurrence of disabilities (WHO) and neuropathic pain in leprosy patients submitted to multidrug or monotherapy.** Baccarelli, Rosemari, Marciano, Lúcia H.S.C., Stump, Patrick R.N.A.G., Lauris, José R.P., Ura, Somei, Virmond, Marcos
- PT 15 Criteria diagnosis of pure neural leprosy.** Jardim, Márcia R., Nascimento, Osvaldo J.M., Antunes, Sérgio, Santos, Adalberto, Sampaio, Elizabeth P., Sarno, Euzenir N.
- PT 16 Dapsone Hypersensitivity Syndrome (DHS): not so rare to be minimized in endemic countries.** dos Santos, M.E., Leta, C.G., Oliveira, M.L.W., Gomes, M.K., Maceira, J.
- PT 17 Effects of *Euphorbia tirucalli* extract on the PBMC proliferative response from leprosy patients.** Malaquias, Luiz Cosme Cotta, Coelho, Fabiana Magalhães, de Nazareth, Daniela Aquino Dusi, Lana, Francisco Carlos Félix, Teixeira, Simone, Cypriano, Regina Lúcia Barbosa, Pereira, Francisco Carlos, Branco, Alexandre Castelo
- PT 18 Esquema ROM no tratamento de hanseníase: a experiência no hospital das clínicas da UFMG.** Péret, Leonardo Amédée, Araújo, Marcelo Grossi, Grossi, Maria Aparecida de Faria, Kamei, Marisa, Vieira, Nara Regina Nunes
- PT 19 Esquema ROM no tratamento de pacientes paucibacilares com lesão única.** Vianna, Francisco Reis, De Schueller, Giselle, Marques, Alfredo, Avelleira, João
- PT 20 Estudo prospectivo de redução de baciloscopia de portado - RES de hanseníase da policlínica central do município de Paracatu-MG. Brasil, durante 10 anos.** Salgueiro, Erika Neumann Rocha, Rosa, Dilmar Tavares, Ferreira, Isaias Nery
- PT 21 Estudo da dor crônica: sugestões na analgesia.** Ramin, Célia Souza de Araújo, Gasques, José Álvaro L., Vicensoto, Wagner, Paschoal, Vânia Del'Arco
- PT 22 Estudo do volume dos núcleos das células do testículo de fetos de ratos com o uso da ofloxacina.** Paschoal, Vânia Del'Arco, Azoubel, Reinaldo
- PT 22 Estudo do volume nuclear das células do testículo de ratos após o uso da ofloxacina.** Paschoal, Vânia Del'Arco, Azoubel, Reinaldo

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- PCA 82** **Hanseníase virchoviana históide.** Motta, Roberta Leste, *et al.*
- PCA 83** **Hanseníase × colagenose.** Lima, Ricardo Américo de Araújo, Gonçalves, Heitor de Sá, Banco, Francisco José D., Aires, Maria Araci P., Salgueiro, Maria Ruth
- PCA 84** **Hepatite crônica granulomatosa hansênica × hepatite medicamentosa: dificuldade diagnóstica.** Soubhia, Rosa Maria Cordeiro, Canarim, Geysa, Bosi, Juliana Caroni Bozola, Rodrigues, Denise, Vasconcelos, Maísa Zumerli, Fukuti, Raquel, Antonio, João Roberto
- PCA 85** **Hepatitis B and C infection among leprosy patients attending the sanatorium of Fontilles (Spain).** Torres, P., Gomez, J.R., Camarena, J.J., Nogueira, J.M., Navarro, J.C.
- PCA 86** **Hereditary neuropathy misdiagnosed as leprosy.** Joyce, M. Patricia, Scollard, David
- PCA 87** **Hereditary sensitive autonomic neuropathy type I (hsan-1) as a differential diagnosis from leprosy.** Stravogiannis, A., Miron, B.G., Stump, Gv., Cezar, L.T.S., Stump, P.R.N.A.G., Mariano, L.H.S.C.
- PCA 88** **Heterogenous histopathological presentation of two morphologically different skin lesions in borderline leprosy.** Anbarasu, Sunila, Job, C.K., George, S., Chandy, S.M.
- PCA 89** **Histological study of hypoaesthetic skin area in primary neuritic leprosy.** Menicucci, Lais Abreu, Miranda, Alice, Nery, José Augusto Da Costa, Sarno, Euzenir Nunes
- PCA 90** **Histology of nerve biopsies in leprosy patients presenting neurologic relapse long term after completion of treatment.** Negesse, Yohannes
- PCA 91** **Histology of skin biopsies in leprosy patients presenting new lesions long term after completion of treatment.** Negesse, Yohannes
- PCA 92** **Histopathological study of nerve biopsies in patients suspected clinically presenting pure neuritic leprosy.** Negesse, Yohannes
- PCA 93** **Histopathological study of skin biopsies from leprosy patients presenting "new" skin lesions long term after completion of multidrug therapy.** Negesse, Yohannes

- PCA 94 HIV e hanseníase : aspectos clínicos e terapêuticos de 05 casos acompanhados no HC da UFMG.** Andrade, Ana Regina Coelho, Ramos, Andréa Machado Coelho, Moreira, Dalton Nogueira, de Oliveira, Jacqueline G. Ferreira, Araújo, Marcelo Grossi, Café, Maria Ester Massara, Guimarães, Mark Drew Crossland
- PCA 95 Hyperglycaemia in leprosy an observation from 1993 to 2001.** Rajenderen, M., Babu, C.S.S. Suri, Ravi, P., Moorthy, P. Narasimha, Kumar, E. Sathish
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- PI 33 Immune seric parameters in leprosy reversal reaction.** Sales, A.M., Nery, J.A.C., Oliveira, R.B., Machado, P., Scheinberg, M., Sampaio, E.P., Sarno, E.N.
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- PM&MB 21** Multiple endothelial membrane proteins bind *M. leprae*. Scollard, D.M., McCormick, G.T., Gillis, T.P.
- PM&MB 22** Neural predilection, molecular mimicry & nerve damage - computational comparisons between *M. leprae* binding proteins & the *M. leprae* genome. Vardhini, Deena, Suneetha, Lavanya M., Ahmed, Niyaz, Suneetha, Sujai K.
- PM&MB 23** Observation of acid fast bacilli by merge technique of differential interference contrast and polarized microscopes. Mutsuhiro, Furuta, Kentaro, Hatano, Takanobu, Matsuki, Yoshiko, Okano, Takeshi, Ikeda, Koichi, Nakatani, Atsuo, Sato
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- PM&MB 25** Prediction and expression analysis of *Mycobacterium leprae* secreted proteins. Gillis, Tom, Torrero, Marina, Williams, Diana, Truman, Richard
- PM&MB 26** Profile of drug resistant *M. leprae* from a laboratory in south India in the past decade. Ebenezer, Gigi J., Rao, Geetha S., Daniel, Sheela, Arunthathi, S., Rao, P.S.S., Job, Charles K.
- PM&MB 27** Pure neuritic leprosy: importance of the polymerase chain reaction (PCR) in the diagnosis. Cunha, Francisco Marcos B., Scola, Rosana Hermínia, Werneck, Maurício César M., Werneck, Lineu César

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- PSA 28 ILA global project on the history of leprosy.** Robertson, Jô
- PSA 29 Incentivar e estimular a mãe trabalhadora na perspectiva de melhoria da qualidade de vida.** Abreu, Luiza Cláudia Bernardo, Sena, Zelina Batista, Soares, Iranyr Maria
- PSA 30 Long term follow up of patients with malignant change in plantar ulcers in leprosy.** Augustine, Valsa
- PSA 31 Moradores do antigo Hospital Colônia Santo Ângelo: caminhando para uma nova realidade social.** Posso, A.P., Silveira, A.A., Ribeiro, S.O., Stefoglu, V.A.O.
- PSA 32 O CEDOPE/HCI e o resgate da memória em uma instituição de saúde.** Barcelos, Artur H.E., Borges, Viviane T.

- PSA 33 O estigma da hanseníase no bairro dos macacos - município de Silveiras-SP.** Guisard, Carmen L.M.P., Almeida, Débora C., Podboi, Fernanda, Macklouf, Jaqueline B., Schmidt, Laura T.
- PSA 34 O papel da gerência social no processo de reestruturação do Hosp. Dr. Francisco R. Arantes.** Ferreira, Maria Emília, da Costa, Dezeleno Capistrano, dos Santos, Maria Aparecida Hilário, Cypreste, Dora Martins
- PSA 35 Paradojas de la lepra: avances médicos y percepción social.** Casañas, L., Torroja, A., Fusté, E., Pérez, I.M.
- PSA 36 Percepções de profissionais não médicos sobre fragmento do campo da hanseníase.** Bakirtzief, Zoica, Brasil, Bettina Gerken, Sacardo, Daniele Pompei, Martini, Lucio, Silva, Alexandre de Freitas, Ferreira, Maria Emília, Lessa, Sonia Matsuda
- PSA 37 Perfil do usuário do programa de controle da hanseníase.** Oliveira, Adalgisa de Castro Mota, Branco, Francisco José Dias, de Sousa, Márcia César, Antunes, Maria Neura
- PSA 38 Projeto de capacitação profissional ou semiprofissionalizante no programa de hanseníase - SP.** Guisard, Carmem Luíza M.P., Metello, Heleida Nobrega, Clemente, Tânia Maria G., Ferreira, Maria Emília, Lopes, Angelina, dos Santos, Maria Aparecida H., Ito, Liria Suzana, Peixoto, Edna Silveira, Nogueira, Wagner

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- PT&T 12 Project of training in reparative and preventive surgeries in hanseniasis.** Dueksen, Frank, Virmond, Marcos, Cabral, Elifaz, Almeida, Jorge, Almeida, Stela Neme Daré
- PT&T 13 Projeto Pedagógico de Campanha de Combate à Hanseníase do estado de São Paulo em 2001.** Lessa, Zenaide Lazara, Gonçalves, Otilia S.J., Diniz, Maria de Lourdes B., Metello, Heleida N., Nogueira, Wagner
- PT&T 14 Teaching knowledge of leprosy at schools in Lam Dong province Prom 1998–2001.** Tang, Nguyen Dinh, Kim, Do Cong
- PT&T 15 Terapia ocupacional auxiliando na informação e eliminação da hanseníase no município de São José do Rio Preto - SP.** Nardi, Susilene Maria Tonelli, Fernandes, Marcia Helena Valente Costa e Zósima Fontana

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- PT 25 Field treatment of reactions: feasibility in northern Nigeria and usefulness of colour-coded prednisolone blister-packs.** Post, Erik
- PT 26 Historical review of treatment of leprosy in Brazil.** Oommen, Tom

- PT 27 Immunotherapy in clinical practice - an evaluation.** Pai, V.V., Gaikwad, V., Khamar, B.M., Ganapati, R.
- PT 28 Impact of MDT in rural district programme in India.** Kamthekar, N.T., Revankar, C.R.
- PT 29 Índices baciloscópico e morfológico no tratamento da hanseníase com PQT.** Lastória, J.C., Maccharelli, C.A., Puttinatti, M.S.M.A.
- PT 30 Inserción de acciones de prevención de incapacidades y rehabilitación en el programa de control de lepra en Santa Fe.** Paredes, Silvia, Cuello, Cristina, Cardoso, Cristina Vaca
- PT 31 Intervenção cirúrgica ortopédica no paciente hanseniano.** Jambeiro, Jorge Eduardo, Neto, Antero Cordeiro, Roque, Daniel, Mesquita, Igor Marcelo, Mesquita, Jamile
- PT 32 Methylprednisolone pulse therapy in leprosy neuropathy.** Jardim, Márcia R., Osvaldo Nascimento, J.M., Nery, José A.C., Sales, Anna M., Sarno, Euzenir N.
- PT 33 Mutations in FOLP1, RPOB, and DNA gyrase associated with multidrug-resistance in *Mycobacterium leprae* isolates from South Korea.** Lee, Seong-Beom, Kim, Se Kon, Chun, Jong-Han, Kim, Nan Hee, Kim, Jong-Pill, Ko, Young-Hoon, Chae, Gue-Tae

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- PCA 122 Palpação de ramo nervoso cutâneo como uma estratégia para a redução da prevalência oculta da hanseníase.** Branco, Alexandre Castelo, Malaquias, Luiz Cosme Cotta, Lana, Francisco Carlos Félix, Cypriano, Regina Lúcia Barbosa, Pereira, Francisco Carlos, Esteves, Mara Firmato, Teixeira, Simone, Santos, Andressa Masiero, da Silva, Maria Cristina Souza Felipe, Santiago, Sebastião Fontes
- PCA 123 Paucibacillary Hansen's: common clinical types.** Melo, S., Chaves, M.S.R., Sailaja, K.S., Souza, P.F., Cavalcante, C.M., Abreu, F., Nery, J.A.C., Azulay, R.D.
- PCA 124 Peroxidase and superoxide dismutase levels in the lymphocytes of leprosy patients.** Ravi, P., Suribabu, C.S.S.
- PCA 125 Possible factors and their countermeasures of leprosy misdiagnosis and missed diagnosis.** Jiakun, Chen, *et al.*

- PCA 126 Post release reactions and skin smear results.** Albuquerque, E.C.A., Gallo, M.E.N., Nery, J.A.C., Vieira, D.M.
- PCA 127 Prevalence of ocular complications in newly diagnosed and relapsed lepromatous patients.** Daniel, Ebenezer, Koshy, Sheena, Rao, P.S.S.Sundar
- PCA 128 Prior the start and after treatment with multidrug therapy in leprosy: a histological and immunohistochemistry study.** Floriano, M.C., Tomimori-Yamashita, J., Rotta, O.
- PCA 129 Reação de reversão revelando doença de hansen.** Azzouz, Mohamed A., Dantas, Francisca Estrêla Maroja, Gayoso, Carla Wanderley, Almeida, M^a das Graças V.A., Buriti, Francimary de Souza, Ramos, Carlos Alberto E.
- PCA 130 Reação hansênica tipo I exuberante simulando Fenômeno de Lúcio.** Mesquita, Ana Célia de A., Gonçalves, Heitor de Sá, Teixeira, Ana Fátima P., Branco, Francisco José Dias, Aires, Maria Araci P.
- PCA 131 Reação tipo I grave, com lesões incomuns em criança de 7 anos com hanseníase dimorfa - relato de caso.** Grossi, M.A.F., Freire, H.B.M., Teixeira, M.L.G., Villarroel, M.F., Pires, R.P., Lyon, S.
- PCA 132 Reações adversas à PQT, num período de dez anos.** Mohalem, Dalila Filomena, Vidigal, Maria do Rosário, Cunha, Mônica Nóbrega
- PCA 133 Reactional states in co-infected leprosy × HIV positive patients.** Nery, J.A.C., Sá, R.P., Guatierrez, M.C., Sales, A.M., Machado, A.M., Gomes, A.P., Sampaio, E.P.
- PCA 134 Reactions in leprosy: an epidemiological study of 2600 patients from north India.** Kumar, Bhushan, Kaur, Inderjeet, Dogra, Sunil
- PCA 135 Recidiva paucibacilar - relato de um caso.** Hercules, Flávio Marcondes, da Cunha, Mônica Duarte, de Oliveira, Maria Leide Wand Del Rey
- PCA 136 Recombinant human platelet-derived growth factor for treatment of neuropathic ulcers in leprosy patients.** Ooi, Winnie
- PCA 137 Reversal reactions in an outcome leprosy clinic in Salvador/Bahia.** Rêgo, Vitória, Martins, Isabela, Machado, Paulo
- PCA 138 Review of 100 patients with chronic and recurrent neuritis treated in a special neuritis clinic.** Bizuneh, Elizabeth, Leekassa, Ruth, Kazen, Ronald
- PCA 139 Secuelas de la lepra en el crea otorrinolaringologica.** Guardiola, Menchades, Vázquez, Mi Lafarga, Echevarría, Jr., J. Gómez
- PCA 140 Serum zinc level and lepromin (Mitsuda) test in nonreactional multibacillary leprosy patients.** Handayani, Indah, Linuwih, Sri, Djuanda, A., Soebaryo, Retno W., Wisnu, Im, Sjamsoe, Emmy
- PCA 141 Silent neuritis in multibacillary leprosy: study of patients during and after multidrug therapy.** Pimentel, Maria Inês Fernandes, Nery, José Augusto Da Costa, Borges, Esther, Gonçalves, Rosângela Rolo, Sarno, Euzenir Nunes

- PCA 142** **Some laboratory indices in leprosy neuropathies.** Dyachina, M.N., Androsjuck, Y.G., Degtyarev, O.V., Shats, E.I.
- PCA 143** **Squamous cell carcinoma and chronic lower leg ulcer in leprosy.** Airu, Yu
- PCA 144** **Study of reaction in the Hansen's disease - aged between 0 to 14 years.** Barcelos, D.L., França, J.R., Spinelli, L.P., Silva, R.T., Cavalcante, C.M., Melo, S., Nery, J.A.C., Azulay, R.D.
- PCA 145** **Study of reactional states in children under 15 years of age.** Marója, Maria de Fátima, Nakamuta, Angelita Akemi, Pedrosa, Valderiza, Ihára, Lúcio Tshuyoki
- PCA 146** **Surto reacional tipo maculoso em hanseníase dimorfa.** Motta, Roberta Leste, *et al.*
- PCA 147** **Surveillance on uvea disease in leprosy.** Liangbin, Yan, Guocheng, Zhang, Ganyun, Ye, *et al.*
- PCA 148** **The association of skin patches over superficially located nerve trunks & neuritis in leprosy.** Reddy, Rajgopal, Jain, Sumam, Muzaffarullah, Syed, Suneetha, Sujai
- PCA 149** **The effect of the activity of microsomal enzymes and acetilation on methemoglobin rate in leprosy patients.** Naumov, V.Z., Tsemba, V.P., Zadneprovskaya, E.A.
- PCA 150** **The following observation for effect of 251 leper cases in the monitor priod after MDT.** Long, Li
- PCA 151** **The report for the skin smears quality control on leprosy in Sichual province in the past 15 years.** Rongmao, Wang, Xueming, Liu, Yiqiang, Zheng, Linchong, Yu
- PCA 152** **The report of histoid leprooma 1 cases.** Jianlin, Zhang, Ganjun, Huang, Yanzhen, Liao, *et al.*
- PCA 153** **The use of pilocarpine test for differential diagnosis between tuberculoid leprosy and granulomatous diseases.** Miranda, J.A.P.P., *et al.*
- PCA 154** **Trabalho em uma comunidade de ex-hansenianos com integridade da pele prejudicada e com isolamento social.** Galan, Noêmi Garcia de Almeida
- PCA 155** **Treatment of mild sensory impairment in leprosy: a randomized controlled trial (TRIPOD 2).** Van Brakel, W.H., Anderson, A.M., Withington, S.G., Croft, R.P., Nicholls, P.G., Richardus, J.H., Smith, W.C.S.
- PCA 156** **Treatment with corticosteroids of long-standing nerve function impairment in leprosy: a randomised controlled trial (TRIPOD 3).** Richardus, J.H., Withington, S.G., Anderson, A.M., Croft, R.P., Nicholls, P.G., Van Brakel, W.H., Smith, W.C.S.
- PCA 157** **Ulcerated lesions in leprosy.** Maeda, Solange M., Floriano, Marcos C., Yoradjian, Alessandra, Tomimori-Yamashita, Jane

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- PE 101 Situação de controle da hanseníase em área urbana de descentralização das atividades de controle.** da Silva, Maria Cristina Dias, Souza e Mello, Léa Luíza, Nogueira, Verônica Vital, Figueiredo, Nélia Maria, Esteves, Valéria Gomes
- PE 102 Situação epidemiológica e clínica da hanseníase em menores de 15 anos em três municípios de Minas Gerais - Brasil de 1996 a 2000.** Magalhães, E.S.B., Grossi, M.A.F., Lebouef, M.A.A., Branco, A.C., Ferreira, I.N.
- PE 103 Situação epidemiológica e estimativa da prevalência oculta de hanseníase no Distrito Federal em 2000.** de Deus, Roseane Pereira, Márcia de Souza, Helena Rodrigues, de Oliveira, Maria Liz Cunha, Madalena, Maria
- PE 104 Situación epidemiológica lepra 2 municipios de Nicaragua.** Hernández, Nelson Caballero, Aburto, Oscar Guerrero, López, Montserrat Pérez, Echevarría, José Ramón Gómez
- PE 105 Strategies of leprosy control used in low endemic situations in Guangdong province.** Yue-Hua, Xu
- PE 106 Studies on epidemiology of leprosy for 50 years in Gansu province.** Wen, Qiu Yao, Deqiang, Wu, Junfang, Cai, *et al.*
- PE 107 Study on case-finding in a low epidemic situation of leprosy.** Xiuyun, Huang, Peiyong, Huang, Bodong, Chen, Zhizhi, Fu, Pinyan, Wu
- PE 108 Study on the other health services utilized by multi bacillary cases.** Murgesan, N.
- PE 109 Survey of newly diagnosed leprosy patients in Japan from 1981 to 2000.** Ishii, Norihisa, Sasaki, Shin, Matsuo, Eiichi, Ozaki, Motoaki
- PE 110 Tempo de demora para o início do tratamento de hanseníase no município de Betim - MG.** Azevedo, Bernadete, Fuzikawa, Priscila, Honório, Regina Coeli, Lott, Silvana, Mourão, Valéria, Nacif, Dulcinéia, Nardel, Cássia, de Souza, Leila Cristina Alves
- PE 111 The analysis and progress for leprosy rehabilitation situation of Hunan province.** Zhonghe, Wei, Jiangling, Mo
- PE 112 The analysis about the epidemiology of leprosy of Guangfeng country, Jiangxi, China.** Changfu, Zhou, Changguang, Jiang
- PE 113 The analysis of death for 343 leprosy cases in mountainous area of Zhushan, China.** Shichang, Zhao, Wenjun, Zhu, Jigen, Gao
- PE 114 The analysis of leprosy endemic in Hebei province.** Heshan, Li, Yansheng, Mu, Jinzhuo, Zhang, Huibin, Zhang, Yongtao, Qie, Jianhui, Wang, Tietao, Gao, Jiandong, Zuo, Fushou, Jia
- PE 115 The analysis of leprosy epidemiology for 1950 to 1999 in Hubei province, China.** Wanghua, Li

- PE 116** The analysis of leprosy incidence rate for population exposed closely to leprosy disease. Zhang, Liyou
- PE 117** The analysis of therapeutic effect on 174 leprosy patients by MDT. Daozhong, Liu
- PE 118** The comparison of histopathological pictures on multi-bacillary leprosy patients after 24 doses and 12 doses of MB-(WHO)-MDT regimens. Djuanda, Dani, Sjamsoe, Emmy, Sularsito, Sa, Pratomo, Us, Wisnu, Im, Linuwih, Sri
- PE 119** The consequence of nation leprosy elimination programme (NLEP) in Guangdong province from 1991 to 2000. Zishan, Zhao, Yuehua, Xu
- PE 120** The correlation between BCG vaccination and the prevalence of sub-clinical leprosy on contact-children of lepromatous patients. Lalita, Amarani, Sjamsoe, Emmy S., Soebaryo, Retno W., Wisnu, I. Made, Linuwih, Sri
- PE 121** The effect and control countermeasure for basicly elimination in Puning city. Qiu, Muxiong, Lan, Qingsong, Lan, Qiuliang, Lin, Yongfa, Ma, Wenhui
- PE 122** The epidemiological characteristic of new infection and the control measure after eliminating basically leprosy. Long, Li
- PE 123** The evaluation of leprosy elimination program in the eastern part of Thailand 1994–2000. Duangajna, Pradabporn, Thepmongkol, Suchitra, Nonkuntha, Prapas
- PE 124** The evaluation on SCL 90 before and after intervention of psychology for leprosy cases. Shangwen, Yi
- PE 125** The impact of multi-drug therapy on leprosy in Suriname. Hu, R.V.P., Sabajo, L.O.A.
- PE 126** The leprosy information system in Brazil - SINAN. Andrade, Vera, Sabroza, Paulo Chagastelles, Pereira, Gerson Fernando Mendes
- PE 127** The relation between the prevalence of antibodies to PGL-I among school children and leprosy endemicity in Brazil. Bühner-Sékula, S., Van Beers, S., Oskam, L., Lecco, R., Madeira, E. Santos, Dutra, M.A. Lopes, Luis, M. Chaves, Faber, W.R., Klatser, P.R.
- PE 128** The results of prevention of leprosy by RFP. Zuguang, Long
- PE 129** The situation and progress of leprosy control in Haining city. Ailin, Zhou, Yan, Ye
- PE 130** The strategies after basic eradication of leprosy. Congcheng, Yue
- PE 131** Trabalho de planejamento para a implementação de atividades de controle de hanseníase no município de São Paulo. Ferreira, Silvia Regina Gil., Lafratta, Tanya Eloise, Paseli, Denise
- PE 132** Transmissão e controle da hanseníase em Governador Valadares / Minas Gerais - período de 1990 a 2000. Lana, F.C.F., Mélenz, J.G.V., Branco, A.C., Teixeira, S., Malaquias, L.C., Oliveira, V.A., Rosado, V., Lanza, F.M.

- PE 133** Utilização dos monofilamentos de Semmes-Weinstein na avaliação de sensibilidade dos membros superiores de pacientes hansenianos atendidos no Distrito Federal. Moreira, Demóstenes, Alvarez, Rosicler Rocha de Aiza

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- PHE 25** Leprosy × Hansen's disease: current status on social representations (SR) of population in the metropolitan region of Rio de Janeiro-Brazil. Mendes, Carla M., Oliveira, M.L.W., Tardin, R.T., Cunha, M.D., Arruda, A., Tura, L.F.R.
- PHE 26** Memória e história da hanseníase no Brasil através de seus depoentes. Gallo, M.E.N., Oliveira, M.L.W., Maciel, L.R., Damasco, M.S.
- PHE 27** Patient- and health services delay in the diagnosis of leprosy in Kaduna state, Nigeria. Post, Erik
- PHE 28** Proposta de um manual de orientação de prevenção de úlceras plantares. Martins, Rita de Cássia Gabos, Mello, Cristiane Scarpellini, Guimarães, Heloísa C.Q.C.P.
- PHE 29** Resumo do projeto educativo "sementes em ação." de Rocha, Ana Cláudia Gomes
- PHE 30** Street theatre - a powerful medium of communication in the fight against leprosy. DANLEP - India
- PHE 31** Trabalho com grupos de hansenianos e comunicantes como recurso educativo na liga de combate à hanseníase "Luiz Marino Bechelli." Francisco, M.R., Miura, D.L., Faleiros, L.M., Nakiri, G.S., Machado, L.C., Reis, R.M., Souza, C.S.
- PHE 32** Um novo olhar na qualidade do atendimento aos usuários do programa de controle da hanseníase. Ferraz, S.M.P., Lessa, Z.L., Metello, H.N., Nascimento, A.C.F., Oda, R.N.K.
- PHE 33** Valorização profissional na perspectiva da educação popular em saúde. Brasil, Rogena Weaver Noronha, Soares, Iranyr Maria

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- PI 46** Reação do granuloma *in vitro* com antígenos do *Mycobacterium leprae* e células mononucleares do sangue periférico de doentes com hanseníase. Souza, C.S., Foss, N.T., Cunha, F.Q.
- PI 47** Regulation of macrophage BCL-2 gene family expression during *M. leprae*-induced apoptosis: involvement of Bax and Bak. Hernandez, M.O., Salles, J.S., Sarno, E.N., Sampaio, E.P.
- PI 48** Selective increase in the CD4+ T cell activation threshold as a potential mechanism for the biological role of the phenolic glycolipid-I (Pgl-I) in leprosy. Alvim, I.M.P., Guimarães, M. Da S.M., Esquenazi, D.A., Santos, S.L.C., Nery, J.A.C., Sarno, E.N., Pessolani, M.C.V., Pereira, G.M.B.

- PI 49 Serodiagnosis of *Mycobacterium leprae* infected individuals in highly endemic areas of Myanmar.** Oo, Khin Nwe, M., Namisato, Y., Kashiwabara, T., Fujiwara, Yin, Nwe Nwe, Sein, Kyaw Nyunt, Myint, Kyaw
- PI 50 Serum cytokines and monokines in leprosy as a marker for monitoring reversal reactions.** Faber, W.R., Iyer, A.M., van der Pol, T., Dekker, T., Walsh, G.P., Fijardo, Das, P.K.
- PI 51 Specificity of PGL-I semi-synthetic antigens in leprosy serology.** Bührer-Sékula, S., Jansen, P., Hatta, M., Oskam, L., Faber, W.R., Klatser, P.R.
- PI 52 Spindle cells and macrophages in histoid leprosy.** Tomimori-Yamashita, J., dos Santos, M.J.C.P., de Seixas, M.T., Michalany, N.
- PI 53 Studies on regional immunity using ex-vivo explant cultures of skin lesions in relation to leprosy pathology.** Mohanty, K.P., Lehe, C., Dekker, T., Katoch, K., Das, P.K., Sengupta, U.
- PI 54 T and B-cell responses to *Mycobacterium leprae* homologue of ESAT-6 in leprosy patients and control individuals.** Lima, Mônica C.B.S., Martins, Márcia V.B.S., Spencer, John S., Marques, Maria A.M., Kim, Heejin, Gregory, Bruce C., Duppre, Nadia C., Nery, José A.C., Pereira, Geraldo M.B., Pessolani, Maria C.V., Sarno, Euzenir N., Brennan, Patrick J.
- PI 55 Thalidomide can co-stimulate or suppress CD4+ cells' ability to incorporate [³H]-thymidine - a dependence on the primary stimulant.** Shannon, E.J., Sandoval, F.
- PI 56 Thalidomide did not modify leprosy patients cells' ability to proliferate in response to *M. leprae* antigens.** Tadesse, Azeb, Taye, Engeda, Sandoval, F., Shannon, E.J.
- PI 57 The effect of the activity of microsomal enzymes and acetylation on methemoglobin rate in leprosy patients.** Naumov, V.Z., Tsemba, V.P., Zadneprovskaya, E.A.
- PI 58 The report for the skin smears quality control on leprosy in Sichual province in the past 15 years.** Rongmao, Wang, Xueming, Liu, Yiqiang, Zheng, Linchong, Yu
- PI 59 Toll-like receptor 2 on human Schwann cells.** Oliveira, R.B., Sarno, E.N., Modlin, R.I.

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- PM&MB 28 Relationship between infection and genetic susceptibility markers.** Bührer-Sékula, S., Sampaio, E.P., Wildenbeest, J., Zarnanian, A., Santos, A., Matos, H.J., Faber, W.R., Oskam, L., Sarno, E.N.
- PM&MB 29 Role of Zn and cu in DNA damage observed in lymphocytes of leprosy patients measured using the comet assay.** Kalaiselvi, K., Rajaguru, P., Palanivel, M., Ramu, G.

- PM&MB 30** Study of the relation among new cases of leprosy and positivity in the bacterioscopy in the state of Rio Grande do Norte - Brazil Almeida, Z.G.S., Júnior, S.A. de Oliveira, Santos, V.L.R., Paiva, R.M.A., Nogueira, L.B., Soares, L.K.A., Queiroz, M.G.L.
- PM&MB 31** Study on the application of PCR on the leprosy diagnosis. Xiong, Junhao, Yi, Yongguang, Chong, Lin
- PM&MB 32** The expression of NGFR and PGP in leprosy reactional cutaneous lesions: nerve fiber status using immunohistochemistry. Antunes, Sérgio Luiz Gomes, Liang, Yong, Neri, José Augusto Da Costa, Sarno, Euzenir Nunes, Johansson, Olle
- PM&MB 33** The use of immuno staining techniques to enhance the diagnosis in doubtful skin lesions of leprosy. Ismail, Mohammed, Reddy, Rajgopal, Jain, Suman, Srinivas A., Suneetha, Sujai
- PM&MB 34** Viable *M. leprae* as a research resource: effects of purification with NaOH and staining with PKH dyes on viability. Krahenbuhl, James L., Randhawa, Baljit
- PM&MB 35** Viable *M. leprae* as a research resource: evaluation of fluorescent staining for live and dead *M. leprae*. Lahiri, Ramanuj, Randhawa, Baljit, Krahenbuhl, James

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- POA 66** Post leprosy elimination issues - future funding. Revankar, C.R.
- POA 67** Prevalência oculta de hanseníase na DRs de Belo Horizonte - estimativa no período de 1995 a 1999. de Andrade, Ana Regina Coelho, Azevedo, Marisa Costa, Ferreira, Regina Licinia
- POA 68** Prevalência oculta de hanseníase nas áreas de abrangência das Diretorias Regionais de Saúde de Minas Gerais - Brasil. Leboeuf, Maria Ana Araujo, Grossi, Maria Aparecida de Faria
- POA 69** Programa nacional de control de lepra. Redefinition de estrategias para encarar el proceso de consolidation. Antola, Mirta, Granata, Juan C., Terriles, Rafael La Porta y Olga
- POA 70** Projeto prioritário “tolerância zero: Mato Grosso sem hanseníase” - uma estratégia de intervenção na endemia hanseníase em Mato Grosso. de Queiroz, Maria de Lourdes, Esperandio, Eliane Maria
- POA 71** Reaching the unreached to eliminate leprosy. Thassu, K.K., Sharma, B.L., Manglani, P.R.
- POA 72** Result of third MLECS in Bharuch district. Chauhan, Abdulbhai K.

- POA 73 Results and long-term impact of LEC - Hodeidah (Yemen).** Al Dubai, Abdul Baset M., Al-Qubati, Yasin
- POA 74 Sistema de recursos humanos e o programa de controle da hanseníase no estado de São Paulo.** Marzliak, Mary Lise Carvalho, Nogueira, Wagner, Metello, Heleida Nóbrega
- POA 75 Situação atual da hanseníase e perspectivas do programa de controle da hanseníase no estado de São Paulo - Brasil.** Nogueira, Wagner, Marzliak, Mary Lise Carvalho, Metello, Heleida Nóbrega
- POA 76 Situação de controle da hanseníase em área urbana de descentralização das atividades de controle.** Silva, M.C.D., Mello, L.L.S., Nogueira, V.V., Figueiredo, N.M., Esteves, V.G.
- POA 77 Standardization of skin smear reports of field laboratories.** Desikan, K.V., Rao, K.V.S., Bharambe, M.S., Rao, P.V. Ranganadha
- POA 78 The decentralization of the health system in Colombia and Brazil and its impact on leprosy control.** Kalk, Andreas, Fleischer, Klaus
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