

## ***CURRICULUM VITAE***

Mauricio L. Barreto completed his Medical Studies and a Master in Public Health, both at Federal University of Bahia(UFBA), Salvador, Brazil. In 1987, he was awarded a Ph.D. from the London School of Hygiene and Tropical Medicine. He's a Professor of Collective Health Epidemiology at UFBA and a Senior Investigator at Oswaldo Cruz Foundation. He leads a large and active research group studying poverty-related infectious diseases, allergy and asthma, the environmental and social determinants of health, health inequalities, and the evaluation of the impact of population-based health and social interventions on health. Recently he setup the Center for Data and Knowledge Integration for Health-CIDACS where is housed the "100 million Brazilians cohort" aimed to evaluate the impact of social protections programs on health using linkage of large administrative databases. He was a leader organizer of the Lancet Series on Brazil, published in 2011. He has published over 400 peer reviewed papers and has supervised 22 successful PhDs students. He is an elected fellow of the Brazilian Academy of Sciences(ABC) and the World Academy of Sciences(TWAS) and an Honorary Professor at the LSHTM-UK.

### **ACADEMIC TRAINING**

MD, Federal University of Bahia, 1977

Diploma in Public Health, National School of Public Health / FIOCRUZ, Rio de Janeiro, 1977

Master in Public Health, Federal University of Bahia, 1982

PhD, London School of Hygiene and Tropical Medicine/University of London, 1987

### **PROFESSIONAL POSITIONS**

- Deputy -Dean, Institute of Collective Health, Federal University of Bahia 1997 – 2001
- Head, Infectious Diseases Research Programme, Institute of Collective Health, Federal University of Bahia, from 1995
- Professor of Public Health Epidemiology, Institute of Collective Health, Federal University of Bahia, from 1999-
- Senior Scientist, Fundação Oswaldo Cruz-FIOCRUZ, Salvador-Bahia from 2014-
- Director, Center or Data and Knowledge Integration for Health, FIOCRUZ, 2016-

### **ADVISORY ACTIVITIES (selected)**

- Member, Population and Public Health Funding Committee, The Wellcome Trust, UK, 2006-2009
- WHO Guideline Development Group Meeting on the use of bedaquiline in the treatment of multidrug-resistant tuberculosis, 2014-
- WHO Expert Group on TB Vaccine Development, 2013-
- Scientific Committee, ANVISA (Brazilian food and medicines regulatory Agency), 2016-
- Comissioner, UCL-Lancet Comission on Migration and Health 2016 -

### **HONORARY POSITIONS AND PRIZES (selected)**

- Senior Researcher (I-A), National Research Council, Brazil, since 1987
- Fellow, Brazilian Academy of Sciences, since 2003
- Commander, Order of the Medical Merit, President of the Republic, Brazil, 2010
- Founder Fellow, Bahia Academy of Sciences, Brazil 2011
- Honorary Professor, London School of Hygiene and Tropical Medicine, UK, 2012
- Fellow, The World Academy of Sciences (TWAS), 2013

### **RESEARCH GRANTS (more recent)**

1. CITECS – Institute of Science, Technology and Inovation. National Resarch Council/Ministry of Science and Technology, Brazil 2010- 2016. (R\$ 3.000.000) (PI)
2. EPIGEN- Genomic epidemiology of Brazilian cohorts, FINEP/Min da Saúde-Brasil, 2010-2014 (R\$ 6.000.000/ US\$ 3.200.000). (co-PI)
3. Assessment of the effects of the Family Health Strategy in promoting healthy habits in the population, Ministry of Health, Brazil. 2011-2015 (R\$900.000) (PI)
4. Evaluating the impact of social factors and interventions on healthy growth and development: the 100 million Brazilian cohort. CNPq-MoH-Gates Foundation 2015-2019 (US\$1,3 million) (PI)
5. The 100 million Brazilian linked data and datacentre (PI). Wellcome - UK, 2016-2021 (£1.2 million)
6. NIHR Group on the impact of social policies on population health and health inequalities (Co-PI; PI Prof Alastair Leyland, Glasgow University) 2017-2020, £2 million

**PUBLICATIONS - Papers in Scientific Peer-reviewed Journals (selection out of 417)**

1. **Barreto ML**, Nascimento RJM, Bastos WLA, Barreto EF. Aspectos epidemiológico do suicídio em Salvador (Bahia-Brasil). *Revista Baiana de Saúde Pública*, 1974; 1: 52-65.
2. Almeida ASFS, Marinho, JM, Andrade, JG, Pedrosa, LFS, Lessa, MAS, **Barreto ML**. O ensino na Faculdade de Medicina da Universidade Federal da Bahia na opinião dos estudantes. *Revista Baiana de Saúde Pública*, 1978;5:105-112.
3. **Barreto ML**, Silva JTF, Mott KE, Lehman JS. Stability of faecal egg excretion in *Schistosoma mansoni* infection. *Transactions of the Royal Society of Tropical Medicine and Hygiene*, 1978;72:181-7.
4. **Barreto ML**, Meira RLC. Hipertensão arterial em uma comunidade do Oeste do Estado da Bahia (Brasil). *Arquivos Brasileiro de Cardiologia*, 1980;34:363-6.
5. Sleight AC, Mott KE, Silva JTF, Muniz TM, Mota EA, **Barreto ML**, Hoff R, Lehman JS, Sherlock I. A three year follow-up of chemotherapy with oxamniquine in a Brazilian community with endemic schistosomiasis. *Transactions of the Royal Society of Tropical Medicine and Hygiene*, 75 : 234-8, 1981.
6. Sleight AC, Hoff R, Mott KE, **Barreto ML**, Maisk de Paiva T, de Souza Pedrosa J, Sherlock I. Comparison of filtration staining (Bell) and thick smear (Kato) for the detection and quantitation of *Schistosoma mansoni* eggs in faeces. *Transactions of the Royal Society of Tropical Medicine and Hygiene*, 76 : 403-6, 1982.
7. Loureiro S, Spinola, AG, Carvalho, FM, **Barreto ML**. Lead poisoning and hookworm infection as multiple factors in anaemia. *Transactions of the Royal Society of Tropical Medicine and Hygiene*, 77 : 321-2, 1983.
8. Carvalho FM, **Barreto ML**, Silvany Neto AM. Multiple causes of anaemia amongst children living near a lead smelter in Brazil. *The Science of Total Environment*, 35 : 71-84, 1984.
9. **Barreto ML**, Loureiro S. The effect of *Schistosoma mansoni* infection on child morbidity in the state of Bahia, Brazil. I. Analysis at the ecological level. *Revista do Instituto de Medicina Tropical de São Paulo*, 26 : 2230-5, 1984.
10. Sleight AC, Hoff, R, Mota, EA, Sherlock, I, Mott, KE, **Barreto ML** Maguirre, JH Weller, TH. Three-year prospective study of the evolution of Manson's schistosomiasis in Northeast Brazil. *Lancet*, ii : 63-6, 1985.
11. **Barreto ML**, Loureiro S, Melo AS, Anjos CFD. The effect of *Schistosoma mansoni* infection on child morbidity in the State of Bahia, Brazil. II. Analysis at the individual level. *Revista do Instituto de Medicina Tropical de São Paulo*, 27 : 167-171, 1985.
12. **Barreto ML**. Causa versus predição: história de banhos em rios como fator de risco e preditor da infecção pelo *Schistosoma mansoni*. *Revista de Saúde Pública*, 21 : 305-9, 1987.
13. **Barreto ML**, Veras R. Ensino e pesquisa em saúde coletiva da Inglaterra: algumas observações de dois participantes. *Cadernos de Saúde Pública*, 4 : 463-68, 1987.
14. Loureiro S, Schnitman A, **Barreto ML**. Environmental perception and Schistosomiasis. A study of rural children. *Environment & Behavior*, 22 : 272-9, 1990.
15. **Barreto ML**, Smith DH, Sleight AC. Implications of faecal egg count variation when using the Kato Katz method to assess *Schistosoma mansoni* infections. *Transactions of the Royal Society of Tropical Medicine and Hygiene*, 84 : 554-5, 1990.
16. Carmo EH, Rego MAV, **Barreto ML**. Prevalência de queixas respiratórias em uma zona urbana-industrial do interior da Bahia. *Revista Baiana de Saúde Pública*, 17 : 15-334, 1990.
17. **Barreto ML**. Geographical and socio-economic factors associated with the distribution of *Schistosoma mansoni* in an urban area in Northeast Brazil. *Bulletin of the World Health Organization*, 69 : 93-102, 1991.

18. **Barreto ML**. Use of risk factors obtained by questionnaire in the screening of *Schistosoma mansoni* infection. *American Journal of Tropical Medicine and Hygiene*, 48 : 742-7, 1993
19. **Barreto ML**. The dot map as an epidemiologic tool: A case study of *Schistosoma mansoni* infection in an urban setting. *International Journal of Epidemiology*, 22 : 731-44, 1993.
20. Andrade AEO, **Barreto ML**, Souza MCM. Fatores que contribuem para o sub-registro de óbitos em Itaparica (Bahia-Brasil). *Informe Epidemiológico SUS*, Ano II, nº 5 : 40-51, 1993.
21. **Barreto ML**, Carmo EH, Noronha CV, Neves RTB, Alves PC. Mudanças dos padrões de morbi-mortalidade: uma revisão crítica das abordagens epidemiológicas. *Physis Revista Saúde Coletiva*, 3 : 127-46, 1993.
22. Bensabath G, Silva LJ, Costa MFFL, **Barreto ML**, Reichenheim ME. Questões relativas à eficácia/efetividade da Vamengoc-BC: uma revisão do conhecimento existente e recomendações. *Informe Epidemiológico SUS*, Ano II, nº 6 : 67-89, 1993.
23. **Barreto ML**, Andrade MEB. Impacto da infecção chagásica sobre algumas características demográficas: resultados de um estudo ecológico. *Cadernos de Saúde Pública*, 10 (suppl 1) : 273-80, 1994.
24. **Barreto ML**, Santos LMP, Assis AMO, Araújo MPN, Farenzena GG, Santos PAB, Fiaccone RL. Effect of vitamin A supplementation on diarrhoea and acute lower respiratory tract infections in young children in Brazil. *Lancet*, 344: 228-31, 1994.
25. **Barreto ML**, Carmo EH. Situação da saúde da população brasileira: tendências históricas, determinantes e implicações para as políticas de saúde. *Informe Epidemiológico do SUS*, ano III (nos 3 / 4) : 5-34, 1994.
26. Carmo EH, **Barreto ML**. Esquistossomose mansônica no Estado da Bahia: tendências históricas e medidas de controle. *Cadernos de Saúde Pública*, 10 : 425-439, 1994.
27. Noronha CV, **Barreto ML**, Silva TM, Souza IM. Uma concepção popular sobre a esquistossomose: os modos de transmissão e prevenção na perspectiva de gênero. *Cadernos de Saúde Pública*, 11 : 106-117, 1995.
28. Santos JI, Deliége-Vasconcelos ED, Couto-Fernandez JC, Patel BN, **Barreto ML**, Pereira OC, Galvão-Castro B. Seroprevalence of HIV, HTLV-I and other perinataly-transmitted pathogens in Salvador, Bahia. *Revista do Instituto de Medicina Tropical de São Paulo*, 37 : 343-348, 1995.
29. The Vitamin A and Pneumonia Working Group (inc. **ML Barreto**). Potential interventions for the prevention of childhood pneumonia in developing countries: a meta-analysis of data from field-trials to assess the impact of vitamin A supplementation on pneumonia morbidity and mortality. *Bulletin of the World Health Organization*, 73 : 609-619, 1995.
30. Santos LMP, Assis AMO, Baqueiro CM, Quaglia GMC, Morris SM, **Barreto ML**. Situação nutricional e alimentar de pré-escolares no semi-árido da Bahia. I. Avaliação antropométrica. *Revista de Saúde Pública*, 29 : 463-471, 1995.
31. Santos LMP, Assis AM, Martins MC, Araújo MPN, Morris SS, **Barreto ML**. Situação nutricional e alimentar de pré-escolares no semi-árido baiano II. Hipovitaminose A. *Revista de Saúde Pública São Paulo*, 30 : 67-74, 1996.
32. **Barreto ML**, Dourado MIC, Martins SP, Rodrigues L, Hijjar MA, Maia MLS. Avaliação da eficácia da segunda dose do BCG na idade escolar (Um protocolo de pesquisa). *Informe Epidemiológico do SUS*, ano V (Nº 1) : 59-68, 1996.
33. Parraga IM, Assis AMO, Prado MS, **Barreto ML**, Reis MG, King CH, Blanton RE. Gender differences in growth of school-aged children with schistosomiasis and geohelminth infections. *American Journal of Tropical Medicine and Hygiene*, 55 : 150-156, 1996. (4 citações)
34. Teixeira MG, **Barreto ML**. Porque devemos, de novo, erradicar o *Aedes aegypti*?. *Ciência e Saúde Coletiva*, 1 : 122-136, 1996.

35. Barata RB, **Barreto ML**. Algumas questões sobre o desenvolvimento da epidemiologia na América Latina. *Ciência e Saúde Coletiva*, 1 : 70-79, 1996.
36. **Barreto ML**, Carmo EH, Santos CAS, Ferreira LDA. Emergentes, re-emergentes e permanentes: tendências recentes das doenças infecciosas e parasitárias no Brasil. *Informe Epidemiológico do SUS*, Ano V (nº 3):7-18, 1996.
37. Assis AMO, Santos LMP, Martins MC, Araújo MPN, Amorim, DQ, Morris s, **Barreto ML**. Distribuição da anemia em pré-escolares do semi-árido da Bahia. *Cadernos de Saúde Pública*, 13: 237-243, 1997.
38. **Barreto ML**, Strina A, Prado, M, Costa MC, Texeira MG, Martins Júnior D, Pereira JJ, Oliveira A. Saneamento básico: impacto epidemiológico do Programa Bahia Azul. *Bahia: Análise e Dados*, 7, 24-38, 1997.
39. **Barreto ML**. Emergência e 'permanência' das doenças infecciosas: implicações para a saúde pública e para a pesquisa. *Médicos* (HC-Faculdade de Medicina da Universidade de São Paulo), ano I (3): 18-25, 1998.
40. Cunha S, Dourado I, **Barreto ML**, Texeira G, Melo A, Lucena R, Gomes I, Goes J, Monteiro L, Ferreira LDA, Telles C, Bittencourt P. Associação entre meningite asséptica e uso da vacina tríplice viral (sarampo-caxumba-rubéola) durante campanha vacinal de 1997. *Informe Epidemiológico do SUS*, Ano VII (Nº 1):29-61,1998.
41. Morris SS, Santos CAS, **Barreto ML**, Cousens SN, Strina A, Santos LMP, Assis AMO. Measuring the burden of common morbidities: sampling disease experience versus continuous surveillance. *American Journal of Epidemiology*, 147:1087-1092, 1998.
42. **Barreto ML**. Questionnaire approach to diagnosis in developing countries. *Lancet*, 352 (9135): 1164-1165, 1998.
43. Assis AMO, **Barreto ML**, Prado MS, Reis MG, Parraga IM Blanton RE. *Schistosoma mansoni* infection and nutritional status in schoolchildren: a randomized double-blind trial in Northeast Brazil. *American Journal of Clinical Nutrition*, 68:1247-1253, 1998.
44. **Barreto ML**. Ambiente e Saúde. *Ciência e Saúde Coletiva*, 3: 21-22, 1998.
45. **Barreto ML**. O após da avaliação da pós-graduação em 1998: para aonde devemos seguir?. *INFOCAPES*, 6:59-60, 1998.
46. **Barreto ML**. Por uma epidemiologia de saúde coletiva. *Revista Brasileira de Epidemiologia* 1:104-130, 1998.
47. Teixeira MG, **Barreto ML**, Guerra, Z. Epidemiologia e medidas de prevenção da dengue. *Informe Epidemiológico do SUS*, 8(4): 5-33, 1999
48. **Barreto, ML**. Saúde coletiva: entre a rigidez do pensamento e as incertezas do mundo real. *Ciência e Saúde Coletiva*, 5: 245-7, 2000.
49. Assis, AMO, Santos, LMP, Prado, M, Martins, M, **Barreto, ML**. Tolerância à aplicação de megadoses de vitamina A associada à vacinação em crianças no Nordeste do Brasil. *Cadernos de Saúde Pública* 16:51-57, 2000.
50. Dourado, I, Cunha, S, Teixeira, MG, Farrington, CP, Melo, A, Lucena, R, **Barreto, ML**. An outbreak of aseptic meningitis associated with a urabe-containing MMR mass vaccination campaign: implications for immunizations programs. *American Journal of Epidemiology*, 151:524-30, 2000.
51. **Barreto ML**, Rodrigues L, Silva, RCR, Assis, AMO, Reis, MG, Santos, CAST, Blanton, RE. Lower hookworm incidence, prevalence and intensity of infection in children with a Bacillus Calmette-Guerin (BCG) vaccine scar. *Journal of Infectious Diseases*, 182:1800-3, 2000.
52. **Barreto ML** O espaço e a epidemiologia: entre o conceitual e o pragmático. *Cadernos de Saúde Pública* 16:613-14, 2000.
53. Costa JGQ, Costa A, **Barreto ML**. Pacientes com mais de uma notificação de tuberculose: implicações para o controle. *Boletim de Pneumologia Sanitária*, 8:41-45, 2000.

54. **Barreto ML**. A saúde da população, os seus determinantes e as novas e velhas tecnologias – a epidemiologia no contexto da globalização. *Informe Epidemiológico do SUS*, 9:165-166, 2000
55. **Barreto ML**, Almeida-Filho N, Breilh J. Epidemiology is more than discourse: critical thoughts from Latin America. *Journal of Epidemiology and Community Health* 55:158-159, 2001.
56. Mulholland, K, **Barreto ML** Routine vaccination and child survival in Guinea-Bissau: Lessons can be learnt from this study. *British Medical Journal* 32:360, 2001
57. **Barreto ML** Interventions in the environment and society in the quest for health: how scientific can we be? *Cadernos de Saúde Pública* 17:32-33, 2001.
58. Milroy CA, Borja PC, Barros F, **Barreto ML**. Evaluating sanitary quality and classifying urban sectors according to environmental conditions. *Environment and Urbanization* 13(1): 235-255, 2001.
59. Prado, M, Barreto, ML Prevalência e intensidade da infecção por helmintos em crianças na idade escolar na cidade de Salvador. *Revista da Sociedade Brasileira de Medicina Tropical*, 34:99-101, 2001.
60. Bierrenbach AL, Cunha SC, **Barreto ML**, Pereira SM, Rodrigues LC. Skin test reactivity to mycobacterial antigens parallels the phylogenetic structure of their genus. *International Journal of Tuberculosis and Lung Diseases* 5:656-663, 2001.
61. Teixeira, MG, Costa, MCN, **Barreto ML**, Barreto, FR. Epidemiologia do dengue em Salvador-Bahia, 1995-1999. *Rev Soc Bras Med Trop*. 34:269-274, 2001.
62. Santos, LMP, Gouveia, MC, Felix-Jr, DM, Santos, SMC, Barreto, ML Seleção de prioridades para programas de saúde, nutrição e alimentação: um exemplo no Estado da Bahia. *Revista Brasileira de Saude Materno Infantil*, 1:111-121, 2001.
63. Pereira SM, Dourado I, **Barreto ML**, Cunha SS, Ichiara MYT, Hijjar MA, Goes JCL, Rodrigues LC: Sensitivity and specificity of BCG scar reading in Brazil. *International Journal of Tuberculosis and Lung Diseases*, 5:1067-1070, 2001.
64. Santos CAST, Ferreira LDA, Oliveira NF, Dourado MIC, **Barreto ML**. Modelos multiníveis . *Sitientibus*, 22:89-98, 2001
65. Cunha SS, Rodrigues LC, Moreira S, Carvalho LC, **Barreto ML**, Dourado I. Upward trend in the rate of detection of new cases of leprosy in the State of Bahia, Brazil. *International Journal of Leprosy*, 69: 308-317, 2001.
66. Cunha SS, Rodrigues LC, **Barreto ML**, Dourado I. Outbreak of aseptic meningitis and mumps after mass vaccination with MMR vaccine using the Leningrad-Zagreb mumps strain. *Vaccine*, 20(7-8):1106-12, 2002
67. Santos DN, Borges AP, Pereira PS, Chalhub AA, Happe F, Silva RC, Assis AM, Blanton RE, Parraga IM, Reis MG, Almeida Filho NM, **Barreto ML**. Epidemiology of schoolchildren's cognitive development in Jequié, Bahia State, Brazil: assessment procedures and general results. *Cadernos de Saude Publica*. 18(3):723-33, 2002.
68. Teixeira MG, **Barreto M L**, Costa M C N, Strina A, Martins Júnior D, Prado, M Sentinel areas: an strategy for public health monitoring. *Cadernos de Saúde Pública*, 18:1189-95, 2002
69. Rego R. **Barreto ML**, Killinger CL. O que é lixo afinal? O que pensam mulheres residentes na periferia de um grande centro urbano *Cadernos de Saúde Pública*, 18: 1583-1592, 2002
70. Teixeira, MG, **Barreto ML**, Ferreira L D A, Vasconcelos P F C, Cairncross S. Dynamics of dengue virus circulation: a silent epidemic in a complex urban area. *Tropical Medicine & International Health*, 7: 757-62, 2002.
71. **Barreto ML**, Rodrigues LC, Cunha SC, Pereira S, Hijjar MA, Ichihara MY, Brito SC, Dourado I. Design of the Brazilian BCG-REVAC trial against tuberculosis: a large, simple randomized community trial to evaluate the impact on tuberculosis of BCG revaccination at school age. *Controlled Clinical Trials*, 23: 540-553, 2002.

72. **Barreto ML**, Costa MCN, Teixeira MG, Ferreira LDA, Vasconcelos PFC. Avaliação de impacto das ações de combate ao *Aedes aegypti* na cidade de Salvador, Bahia. *Revista Brasileira de Epidemiologia*, 5:108-115, 2002
73. Lucena R, Gomes I, Nunes L, Cunha S, Dourado I, Teixeira MG, Goes J, Cardoso E, **Barreto ML**, Melo A. Características clínicas e laboratoriais da meningite asséptica associada a vacina triplice viral. *Revista Panamericana de Salud Publica, (Panam. J. Public Health)*, 12: 258-261, 2002.
74. **Barreto ML**. Papel da epidemiologia no desenvolvimento do Sistema Único de Saúde no Brasil: histórico, fundamentos e perspectivas. *Revista Brasileira de Epidemiologia*, v. 5 (Supl 1): 4-17, 2002.
75. **Barreto ML**. Saúde Pública e Bem-estar. *Parcerias Estratégicas*, Brasil, 2: 79-80, 2002
76. Assis, AMO, **Barreto ML**. Suplementação com vitamina A: impacto na morbidade e efeitos adversos. *Revista Brasileira de Epidemiologia*, 5:84-92, 2002.
77. **Barreto ML**. The ideal minister of health. *Journal of Epidemiology and Community Health*, 56: 890-891, 2002.
78. Teixeira MG, Costa MCN, **Barreto ML**, Guerra Z. Dengue in Brazil: Situation in 2001 and trends. *Dengue Bulletin*, New Delhi, 26:70-76, 2002.
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81. Barbosa T, Arruda S, Fernandes B D, Carvalho L P, Cardoso S, Cunha S S, **Barreto ML**, Pereira S M, Rodrigues L C, Barral-Netto M. BCG (Bacille of Calmette-Guerin) revaccination leads to improved in vitro IFN-gamma response to mycobacterial antigen independent of tuberculin sensitization in Brazilian school-age children. *Vaccine*, 21: 2152-2160, 2003.
82. Dourado I, Alcantara LC, **Barreto ML**, Teixeira MG, Galvão-Castro B. HTLV-I in the general population of Salvador, Brazil: a city with African ethnic and sociodemographic characteristics. *Journal of Acquired Immune Deficiency Syndromes and Human Retrovirology*, v. 34, n. 5, p. 527-531, 2003.
83. Strina A, Cairncross S, **Barreto ML**, Larrea C, Prado M S. Childhood diarrhea and observed hygiene behavior in Salvador, Brazil. *American Journal of Epidemiology*, 157: 1032-1038, 2003.
84. **Barreto ML**, Teixeira MG, Costa MCN, Ferreira LDA, Vasconcelos P. Dinâmica da circulação do vírus da dengue em uma área metropolitana do Brasil. *Epidemiologia e Serviços de Saúde*, 1: 87-97, 2003.
85. Martins-Jr DF, **Barreto ML**. Macro-epidemiologic aspects of schistosomiasis mansoni: analysis of the impacts of irrigation systems on the spatial profile of the endemic in Bahia, Brazil. *Cadernos de Saúde Pública*, 19: 383-393, 2003.
86. Carmo E H, **Barreto ML**, Silva-JR, J B. Mudanças nos padrões de morbi-mortalidade da população brasileira: os desafios para um novo século. *Epidemiologia e Serviços de Saude*, 1: 63-76, 2003.
87. Dourado I, Rios, MH, Pereira SM, Cunha SS, Ichihara MY, Goes, JC, Rodrigues LC, Bierrenbach AL, **Barreto ML**. Rates of adverse reactions to first and second doses of BCG vaccination: results of a large community trial in Brazilian schoolchildren. *International Journal of Tuberculosis and Lung Disease*, 7: 399-402, 2003.
88. **Barreto ML**. Research in collective health in Brazil. *Cadernos de Saúde Pública*, 19: 354-355, 2003.

89. Prado MS, Strina A, **Barreto ML**, Assis AMO, Paz LM, Cairncross S. Risk factors for infection with *Giardia duodenalis* in pre-school children in the city of Salvador, Brazil. *Epidemiology and Infection*, 131: 899-906, 2003.
90. **Barreto ML**. Science, policy, politics, a complex and unequal world and the emerging of a new infectious disease. *Journal of Epidemiology and Community Health*, 57: 644-645, 2003.
91. Pereira SM, Bierrenbach AL, Dourado I, **Barreto ML**, Ichihara M Y, Hijjar MA, Rodrigues L C. Sensibility and specificity of the BCG scar reading. *Revista de Saúde Pública*, 37: 254-259, 2003.
92. Bierrenbach A L, Cunha S S, **Barreto ML**, Pereira S M, Dourado I, Ichihara M Y, Brito S C, Rodrigues L C. Tuberculin reactivity in a population of schoolchildren with high BCG vaccination coverage. *Revista Panamericana de Salud Publica, (Panam. J. Public Health)*, 13: 285-293, 2003.
93. Carmo EH, **Barreto ML**. Will severe acute respiratory syndrome epidemic recur? *Journal of Epidemiology and Community Health*, 57: 840-840, 2003.
94. Brito LL, **Barreto ML**, Silva RC, Assis AM, Reis MG, Parraga I, Blanton RE. [Risk factors for iron-deficiency anemia in children and adolescents with intestinal helminthic infections] *Revista Panamericana de Salud Publica, (Panam. J. Public Health)*, 14(6):422-31, 2003.
95. Assis AMO, **Barreto ML**, Gomes GS, Prado MS, Santos NS, Santos LM, Sampaio LR, Ribeiro RC, Oliveira LP, Oliveira VA. Childhood anemia prevalence and associated factors in Salvador, Bahia, Brazil. *Cadernos de Saúde Pública*, v. 20, p. 1633-1641, 2004.
96. Montenegro AC, Werneck GR, Kerr-Pontes LR, **Barreto ML**, Feldemeier H. Spatial analysis of the distribution of leprosy in the State of Ceara, Northeast Brazil. *Memórias do Instituto Oswaldo Cruz*, v. 99, p. 683-686, 2004.
97. Cunha SS, Rodrigues LC, Pedrosa V, Dourado I, **Barreto ML**, Pereira SM. Neonatal BCG protection against leprosy: a study in Manaus, Brazilian Amazon. *Leprosy Review*, v. 75, n. 4, p. 357-366, 2004.
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