

CURRICULUM VITAE

Surname: Atouguia

Name: Jorge Luis Marques da Silva

Date of Birth: 13th May 1956

Place of Birth: Funchal, Madeira Island, Portugal

Nationality: Portuguese

Address: Rua Luis de Camões, 102 Lt 16-3ºEsq 1300-360 Lisboa, Portugal

E-mail (office): jma@ihmt.unl.pt

E-mail (personal): j.atouguia@gmail.com

Current Positions

-Clinical Director of Clínica de Medicina Tropical e do Viajante (Clinic of Tropical and Traveler Medicine) (CMTV) in Lisbon

-President of the Board of SPMV - Sociedade Portuguesa de Medicina do Viajante (Portuguese Society of Travel Medicine)

Degrees:

-Degree in Medicine, Faculty of Medicine, University of Lisbon, 1981.

-MSc in Tropical Medicine, University of Lisbon, 1990.

-Infectious Diseases Specialist, Lisbon, 1994

-Tropical Medicine Specialist, Lisbon, 1995

-PhD in Tropical Medicine, University of Lisbon, 1999.

-Associate Professor, University of Lisbon, 2008.

Clinical Activities:

-From 1983 onwards, Clinical work at Infectious Diseases and Tropical Medicine Department in Hospital Egas Moniz, Lisbon.

-Director of the Travel Medicine outpatient Clinic of the Institute of Hygiene and Tropical Medicine, Lisbon 1998-2003.

Academic Activities:

-Head of the Training and Research Unit in Clinics of Tropical Diseases of the Institute of Hygiene and Tropical Medicine of Lisbon 1998-2010.

-From 1986 onwards, lectures on Malaria, Trypanosomiasis, Leishmaniasis, Amoebiasis, Intestinal Helminths, Deep Mycosis and other tropical diseases in the Course of Clinics of Tropical Diseases of the Institute of Hygiene and Tropical Medicine of Lisbon. Lectures on AIDS and Tropical Diseases in National Scientific Meetings and Workshops.

-Invited Professor in the Tropical Medicine Course of University of Granada, Spain.

-Invited Professor in the Tropical Medicine Course, Instituto de Salud Carlos III, Spain.

-Invited Professor in the Paediatrics Course of Tropical Medicine, Instituto de Salud Carlos III, Spain.

-Invited Professor in the International Courses on African Trypanosomoses, organized by WHO and ATA, Marseille, 2001, Lyon, 2002, Lisboa, 2003.

- Coordinator of the Course of Tropical Medicine for Nurses of the Institute of Hygiene and Tropical Medicine of Lisbon;
- Coordinator of the Course of Travel Medicine of the Institute of Hygiene and Tropical Medicine of Lisbon;
- Coordinator of the Course of Clinics of Tropical Diseases of the Institute of Hygiene and Tropical Medicine of Lisbon
- Coordinator of the 3rd ICAT: International Course on African Trypanosomiasis, organized by WHO and ATA, in the Institute of Hygiene and Tropical Medicine of Lisbon, 2003.
- Coordinator and teacher of the I Mestrado de Saude Pública e Medicina Tropical (Master in Public Health and Tropical Medicine) of Universidade Politécnica, Moçambique, 2015 – 2018

Research Activities:

- WHO Consultant for African Human Trypanosomiasis (2015-2016)
- Representative of Portugal on the European Union Committee of Experts COST-B9 Antiprotozoal Chemotherapy.
- Member of the African Trypanosomiasis Drug Therapy Steering Committee of the World Health Organization 2001-2003
- Member of the CMDT-LA, Malaria and Other Tropical Diseases Center - Associated Laboratory, where he directed the Clinical Studies area.
- From 1992 onwards research on chemotherapy and diagnosis of human African trypanosomiasis.
- Responsible for national and international research protocols for new drugs: Ketoconazole and Itraconazole in systemic mycoses, Mebendazole and Albendazole in hepatic hydatidosis, DFMO (eflornithine) in African human trypanosomiasis (5 cases), Liposomal amphotericin B in systemic mycoses in individuals infected patients with HIV;
- Member of the team in national and international research protocols of AZT (zidovudine), DID (didanosine), and DDC (zalcitabine) in antiretroviral therapy,
- Principal Investigator in 6 research projects funded by national and international institutions. Participation as researcher in 22 national and international projects, all in the areas of infectious diseases, parasitology, nutrition, tropical medicine and traveler's medicine.
- Leader of the only research group in Portugal, internationally recognized, dedicated to African Human Trypanosomiasis (Sleeping Sickness).
- Supervisor of 6 doctoral theses, 15 master's theses, 12 undergraduate theses.

Field Work Experience:

- Nine months (1986 and 1988) at S. Tomé and Príncipe Republic, working on Malaria.
- Coordinator of the 1st Course of African Trypanosomiasis in Luanda, Angola, May 1992.

-Several short periods in Angola and Mozambique, teaching and working mainly in human African trypanosomiasis.
-Coordinator and teacher of the I Mestrado de Saude Pública e Medicina Tropical (Master in Public Health and Tropical Medicine) of Universidade Politécnica, Moçambique, 2015 – 2018

Languages:

Portuguese, Spanish, English and French fluently written and spoken.

Publications:

Atouguia J. (1990) "Tripanosomiase humana Africana: diagnóstico e terapêutica" [Human African trypanosomiasis: diagnostics and therapeutics] MSc Thesis, Instituto de Higiene e Medicina Tropical, Lisboa, 1990.

Coker, R.J., Viviani, M., Gazzard, B.G., DuPont, B., Pohle, H.D., Murphy, S.M., Atouguia, J., Champalimaud, J.L. and Harris, J.R.W. (1993) Treatment of cryptococcosis with liposomal amphotericin B (AmBisome) in 23 patients with AIDS. *AIDS* 7: 829-835.

Jennings, F.W., Atouguia, J.M. and Murray, M. (1993) Topical melarsoprol for trypanosomiasis. *Lancet* 341: 1341-1342.

Atouguia J.M. and Jennings F.W. (1994) Tripanossomose Africana no modelo do ratinho: terapêutica tópica. *Revista Médica de Moçambique* 5 Supp.2: S62.

Atouguia, J.M., Jennings, F.W. and Murray, M. (1995) Successful treatment of experimental murine *Trypanosoma brucei* infection with topical melarsoprol gel. *Transactions of the Royal Society of Tropical Medicine and Hygiene* 89: 531-533.

Jennings, F.W., Atouguia, J.M. and Murray, M. (1996) Topical chemotherapy for experimental murine African CNS-trypanosomiasis: the successful use of the arsenical, melarsoprol, combined with the 5-nitroimidazoles, fexinidazole or MK-436-436. *Tropical Medicine and International Health* 5: 590-598.

Jennings, F.W., Atouguia, J.M. and Murray, M. (1996) The importance of 2,3-dimercaptopurinol (British anti-lewisite, BAL) in the trypanocidal activity of topical melarsoprol. *Acta Tropica* 62: 83-89.

Veiga Fernandes, J.H., Atouguia, J.M., Peleteiro, M.C., Jennings, F.W. and Rosário, V.E. (1997) Post-treatment hind-leg paralysis in mice

infected with *Trypanosoma brucei brucei*: a light microscopic study. *Acta Tropica* 63: 179-184.

Atouguia, J., Costa, J. and Jennings, F.W. (1997) Topical chemotherapy of CNS-trypanosomiasis: drug combinations. In: Proceedings of First World Meeting on Salivarian Trypanosomes by Internet, FAO Publication 136.

Atouguia, J. and Costa, J. (1999) Therapy of human African trypanosomiasis: current situation. *Mem Inst Oswaldo Cruz* 94(2): 221-224.

Atouguia J. (1999) "Treatment of Human African Trypanosomiasis: The use of topical applications in the animal model" PhD Thesis, Instituto de Higiene e Medicina Tropical, Lisboa, 1999.

Amaral L, Kristiansen JE, Viveiros M, Atouguia J. (2001) Activity of phenothiazines against antibiotic-resistant *Mycobacterium tuberculosis*: a review supporting further studies that may elucidate the potential use of thioridazine as anti-tuberculosis therapy. *J Antimicrob Chemother* 2001 May; 47(5):505-11

Atouguia, J. and Kennedy, P.G. (2000) Human African Trypanosomiasis. In: *Infectious Diseases of the Nervous System*. L. Davis and P. Kennedy eds. Butterworth Heinmann, Oxford, pp 321-372.

Afonso, M.O., Almeida, A.P.G., Atouguia, J.M., Costa, J. and Grácio, A.J.S. 1998 (2001) A utilização de um modelo animal experimental no estudo da infecção tripanosómica de glossinas (Diptera, Glossinidae). *Acta Parasitológica Portuguesa*, 5 (2): 114-115.

Atouguia, J. (2001) Tripanosomíase humana Africana ou doença do sono. In: *Populações, Ambiente e Desenvolvimento em África*, Ed. O.S. Barata e S.I.G.F. Piepoli, Instituto Superior de Ciências Sociais e Políticas, Universidade Técnica de Lisboa, págs. 201-205.

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Jelinek T, Muhlberger N, Harms G, Corachan M, Grobusch MP, Knobloch J, Bronner U, Laferl H, Kapaun A, Bisoffi Z, Clerinx J, Puente S, Fry G, Schulze M, Hellgren U, Gjørup I, Chalupa P, Hatz C, Matteelli A, Schmid M, Nielsen LN, da Cunha S, Atouguia J, Myrvang B, Fleischer K; European Network on Imported Infectious Disease Surveillance (2002). Epidemiology and clinical features of imported dengue fever in Europe: sentinel surveillance data from TropNetEurop. *Clin Infect Dis* 2002 Nov 1;35(9):1047-52

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- Jorge Atouguia. *Tripanossomose Humana Africana*. Coleção Saúde Tropical, Universidade Aberta, ISBN 972-674-458-X, Lisboa, impresso em 2005, publicado em 2008.
- Luis Távora Tavira. Jorge Atouguia. *Infecções Sexualmente Transmissíveis*. Coleção Saúde Tropical, Universidade Aberta, ISBN 978-972-674-468-9, Lisboa, impresso em 2006, publicado em 2008.
- Jorge Seixas. Jorge Atouguia. *Malária*. Coleção Saúde Tropical, Universidade Aberta, ISBN 978-972-674-476-4, Lisboa, impresso em 2006, publicado em 2008.
- Miguel Viveiros, Jorge Atouguia. *Tuberculose*. Coleção Saúde Tropical, Universidade Aberta, ISBN 978-972-674-494-8, Lisboa, impresso em 2007, publicado em 2008.
- Jorge Atouguia. *Doenças Transmitidas por Águas e Alimentos*, Universidade Aberta, ISBN 978-972-674-628-7, Lisboa, 2009
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vaccine development against African trypanosomiasis. *Parasitology Res.*, 105: 1223-1229, 2009.

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Characterization of Multi and Poly Drug-Resistant Tuberculosis in Guinea-Bissau, West Africa. PLoS One. 2015 May 27;10(5):e0127536. doi: 10.1371/journal.pone.0127536. eCollection 2015

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