

CURRICULUM VITAE

Jorge Beirão Almeida Seixas, MD, PhD

Personal Information

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Profession	Associated Professor
Expertise	Tropical Medicine specialist
Nationality	Portuguese

Short Profile

Jorge Seixas is an MD, PhD and Tropical Medicine specialist with clinical field experience in Brazil, Guinea-Bissau, Angola and in the Democratic Republic of Congo, as well as travel medicine and tropical medicine practice in Lisbon. Since 1991 he has been teaching at the Institute of Hygiene and Tropical Medicine (IHMT), Lisbon, at post-graduate level. He organized and implemented several courses on Tropical Medicine in Angola and Brazil. He was a member of the Ethical Committee of the IHMT between 2010 and 2014.

For the last 20 years his main focus of research activities has been in Human African Trypanosomiasis (HAT, sleeping sickness), including several implementation and monitoring missions on HAT clinical studies and trials.

His main research interests are presently in Travel Medicine, Neglected Tropical Diseases, on the diagnosis and treatment of malaria, sleeping sickness and Chagas disease, on bioethics and clinical research in developing countries.

He collaborates with WHO on HAT and on Chagas Disease. He is a member of the European Network for Tropical Medicine and Travel Health and of the Portuguese Travel Medicine Society.

Professional Work Experience

2010- 2014	Head of the Tropical Clinic Teaching and Research Unit of the IHMT
2006 – 2008	Head of the Tropical Medicine and Travel Medicine Clinic of the IHMT
1995 – 1996	Clinical practice (in-patient and out-patient follow-up) at the Infectious Diseases Unit at the Hospital Militar de Belém, Lisbon

1994 - 1996	Emergency ward clinical practice (Clinical Medicine) at the Hospital de São Francisco Xavier, Lisbon
1992 - 93 and 1996 - 97	Director of the Centro de Medicina Tropical Bissau, Republic of Guinea-Bissau, West Africa, for a total period of 28 months.
1989 - 1996	Clinical practice (in-patient and out-patient) at the Infectious Diseases and Tropical Medicine Unit at the Hospital de Egas Moniz, Lisbon
1989 – present	Tropical Medicine and Travel Medicine clinical practice at the IHMT

Education / Degrees

2005	PhD in Tropical Medicine, Universidade Nova de Lisboa, Portugal
2003	Tropical Medicine Specialist, Portuguese Medical Association
1995	MSc in Tropical Medicine, Universidade Nova de Lisboa, Portugal
1987-88	Residency in Tropical Medicine at the Hospital de Base de Brasília, Brazil
1985-86	Residency in Internal Medicine at the Hospital de Base de Brasília, Brazil
1984	Degree in Medicine, Faculty of Health Sciences, University of Brasília, Brazil

Continuous Education: oral presentations

2018	9 th EDCTP forum: Clinical signs and symptoms of HAT revisited: their use for improvement of the predictive value of laboratory diagnosis.
2015	3 rd National Congress on Tropical Medicine: 1) To sleep before dying or to die before sleeping: the clinics of sleeping sickness. 2) Nutrition and Tropical Medicine
2013	2 nd National Congress on Tropical Medicine: 1) Ethical challenges in health research in low income countries. 2) Travel and Central Nervous System emergencies. Lisbon, Portugal.
2011	7 th European Congress on Tropical Medicine and International Health: Impact of Pocket-ultrasound in diagnosis and patient management in remote areas. Barcelona, Spain
2009	6 th European Congress on Tropical Medicine and International Health / 1 st Mediterranean Conference on Migration and Travel Health: Imported Chagas disease: the situation in Portugal. Verona, Italy
2006	8 th European Congress of Chemotherapy and Infection: Management of vaccines in travel medicine. Budapest, Hungary
2005	28 th Biannual Conference of the International Scientific Council for Trypanosomiasis Research and Control: Clinical study on the melarsoprol-related encephalopathic syndrome: risk factors and HLA association. Addis-Ababa, Ethiopia
2004	1 ^{er} Congrès International de Brazzaville sur la mouche Tsé-tse et les trypanosomoses: Actualité dans la connaissance de la maladie. Brazzaville, Republic of Congo

Research Activities

Collaboration in training and research on Human African Trypanosomiasis at the IHMT, involving

- cryopreservation and in vitro cultures of trypanosomes
- experimental chemotherapy in a mouse model
- molecular methods for trypanosome detection
- clinical studies on the melarsoprol - related encephalopathic syndrome

Co-investigator in the Portuguese "Fundação para a Ciência e a Tecnologia" financed projects:

- "Recalling a Neglected Disease - An Historical-Anthropological view of Human African Trypanosomiasis (Sleeping Sickness) in Angola, ca. 1900s – present"
- "Dynamics of parasitic water-related diseases in freshwater ecosystems at the Geba River basin (Guinea-Bissau) and their repercussions in Public Health"

Investigator in the DNDi promoted and EDCTP founded project "Towards an arsenic-free oral treatment for human African trypanosomiasis due to *T.b. rhodesiense* as a tool for disease elimination". Start: September 2018.

Member of the team in the EDCTP founded project "Strengthening Bioethics committees in the Lusophone-African region". Start: April 2018.

Investigator in the DNDi promoted and EDCTP founded project "Towards a pediatric indication for children between 1 and 14 years of age for a safe, effective, all-oral single-dose treatment formulation of acoziborole for first and second stage gambiense human African trypanosomiasis (g-HAT)".

Start: march 2021.

Teaching Activities

2012- 2015	Coordinator of the Master Course on Tropical Health of the Tropical Clinic Teaching and Research Unit, IHMT.
2015	Organisation of the Workshop: "Chagas disease elimination in Europe and its control in the Americas and Eastern Pacific: advances, challenges and opportunities". Lisbon, Portugal.
2014	Coordinator with Prof. Kamal Mansinho of the Course on Clinics of Tropical Diseases, for MDs from the Angolan Armed Forces, Luanda, Angola
2010	Organisation of the "1 st Workshop on Chagas Disease in Portugal", Lisbon, Portugal.
2009	Coordinator and facilitator of the "Module de standardisation de l'examen clinique et prise en charge du malade trypanosomé et d'approfondissement en Bonnes Pratiques Cliniques" in the Investigator's training and study initiation of NECT-FIELD (Evaluating the tolerability, feasibility, and effectiveness of NECT in "real-life" conditions) (DNDi). M'buji Mayi, DRC.
2007 and 2008	Course on Travel Medicine for GPs, Regional Health Administration, Algarve, Portugal.
2007	Facilitator at the EU HATcap (DNDi) "Plateforme pour le renforcement des capacités dans les essais cliniques sur la THA " Subject : "La standardisation de l'examen clinique du malade trypanosomé", Kinshasa, DRC.

2003 (Lisbon)	Lectures on “Clinical and Therapeutic aspects of HAT“ at the 3th, 4 th and 7th
2005 (Tunis)	International Course on African trypanosomiasis (WHO, IAEA, Association Against
2017(Kampala)	Trypanosomiasis in Africa, MSF).
From 1990 onwards	Lectures on Malaria, American trypanosomiasis, African trypanosomiasis, Leishmaniasis, Leptospirosis, Borreliosis Tetanus, Arbovirosis, Rabies, Travellers diarrhea and Cholera, Systemic Mycosis, Poisonous animals, Effects of heat and light, Bioethics and Clinical Studies, in courses organized by the Tropical Clinic Disease Teaching and Research Unit, including Master Course on Tropical Health, Clinics of Tropical Medicine Course for MDs, Travel Medicine Course.

Consulting and Additional Experiences

2019 – present	Member of the WHO Human African Trypanosomiasis Elimination Technical Advisory Group (HAT-e-TAG), WHO.
2019	Participated in the WHO “Guideline Development Group” for the use of fexinidazol that led to the “WHO interim guidelines for the treatment of gambiense human African trypanosomiasis.
2014 –present	Collaboration in the WHO network for HAT elimination, sub-group “Integration of new tools into national and global policies”. Chairman of the meetings of this subgroup in 2014, 2015, 2016. Chairman of the Second WHO stakeholders meeting on gambiense human African trypanosomiasis (g-HAT) elimination, 2016.
2009 – present	Portuguese expert representative at the WHO Informal Consultation on Chagas Disease Control and Prevention in Europe.
2007	Collaboration in the development of the Wellcome Trust Educational CD-ROM “Topics in International Health: Human African Trypanosomiasis”
2007	Collaboration in the organization of the 8th TropNetEurop Workshop, Lisbon
2005 – present	Member of the Scientific Council of the « Master Recherche 2ème Année : Neurosciences et Parasitologie Tropicales ». Institut de Neurologie et Epidémiologie Tropicale, Limoges, France
2005	Attendance of the Good Clinical Practice Workshop (12 hours), certified by the Swiss Association of Pharmaceutical Medicine, Basel, Switzerland.
2000, 2001, 2002, 2003	Attendance of the Data safety Monitoring Board Impamel I & II meetings (DSMB 5, 6, 7 and 8), Swiss Tropical Institute Basel, Switzerland.

Language Proficiency

Portuguese	Mother tongue
English	Written and spoken
French	Written and spoken
Spanish	Spoken
Italian	Spoken

Publications

- Lutje_V, Probyn_K, **Seixas J**, Bergman_H, Villanueva_G. Chemotherapy for second-stage human African trypanosomiasis: drugs in use. *Cochrane Database of Systematic Reviews* (2021), Issue 12. Art. No.: CD015374. DOI: 10.1002/14651858.CD015374
- **Seixas J**, Atouguia J, Josenando T, Vatunga G, Bilenge CMM, Lutumba P, Burri C. (2020) Clinical Study on the Melarsoprol-Related Encephalopathic Syndrome: Risk Factors and HLA Association. *Trop Med Infect Dis.* 2020 Jan 1;5(1). pii: E5. doi: 10.3390/tropicalmed5010005.
- Antunes ML, Seixas J, Humberto E, Sousa, M. Adequacy of Severe Malaria Markers and Prognostic Scores in an Intensive Care Unit in Luanda, Angola: A Clinical Study. *J. Clin. Med.* 2020, 9(12), 3862; <https://doi.org/10.3390/jcm9123862>
- Lindner A, Lejon V, Chappuis F, **Seixas J**, Kazumba L, Barret M, et al. (2019). New WHO guidelines for treatment of gambiense human African trypanosomiasis including fexinidazole: substantial changes for clinical practice. *Lancet Infect Dis.* [https://doi.org/10.1016/S1473-3099\(19\)30612-7](https://doi.org/10.1016/S1473-3099(19)30612-7)
- Lutje V, **Seixas J**, Kennedy A. (2013) Chemotherapy for second-stage Human African trypanosomiasis. *Cochrane Database of Systematic Reviews*, Issue 6. Art. No.: CD006201. DOI: 10.1002/14651858.CD006201.pub3.
- **Seixas, J.**, Louis, F.J., Atouguia, J. (2013) Clinical manifestations of human African trypanosomiasis. *Sleeping Sickness Lectures*. Cattand, P., Louis, F., Simarro, P. eds. pp. 159-181. ISBN-978-2-9544171-0-3.
- **Seixas, J.**, Louis, F.J., Atouguia, J. (2013) Adverse events during treatment: the encephalopathic syndrome. *Sleeping Sickness Lectures*. Cattand, P., Louis, F., Simarro, P. eds. pp. 279-301. ISBN-978-2-9544171-0-3.
- **Seixas J**, Moniz L, Pita F, Araujo A, Costa B, Ferreira F, Centeno-Lima S and Atouguia J. (2007) Gambiense Human African Trypanosomiasis (HAT): a case report from Portugal. *Trop. Med. Int. Health.* 12, Supp 1: 255.
- Garzón M, Pereira-da-Silva L, **Seixas J**, Papoila AL, Alves M, Ferreira F, Reis A. (2017) Association of enteric parasitic infections with intestinal inflammation and permeability in asymptomatic infants of São Tomé Island. *Pathog Glob Health.* Mar 10:1-12. doi: 10.1080/20477724.2017.1299831
- Parreira R, Conceição C, Centeno-Lima S, Marques N, Saraiva da Cunha J, Abreu C, Sá L, Sarmiento A, Atouguia J, Moneti V, Azevedo T, Nina J, Mansinho K, Antunes A, Teodósio R, Nazareth T, **Seixas J**. (2014) Angola's 2013 dengue outbreak, clinical, laboratory and molecular analysis of cases from four Portuguese institutions. *Infect Dev Ctries.* 12;8(9):1210-5
- Cortez J, Providência R, Ramos E, Valente C, **Seixas J**, Meruje M, et al. (2012) Emerging and under-recognized Chagas cardiomyopathy in nonendemic countries. *World J Cardiol.* 4:234-9.
- Basile L., Jansà JM., Carlier Y., Salamanca DD., Angheben A., Bartoloni A, **Seixas J.**, Van Gool T., Cañavate C., Flores-Chávez M., Jackson Y., Chiodini PL., Albajar-Viñas P. (2011) Chagas disease in European countries: the challenge of a surveillance system. *Eurosurveillance* Volume 16, Issue 37, 15 September.
- Gomes J, Leão C, Ferreira F, Afonso MA, Santos C, Josenando T, **Seixas J**, Atouguia J, Centeno-Lima S. (2009) Molecular identification of *T. brucei* s.l. in tsetse flies after long-term capture in field traps. *J Infect Dev Ctries* 2009; 3(9):735-738.

Lisbon, 09.06.2022

Signature

