

Thiago Cerqueira Silva

M.D./PH.D. STUDENT

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I am an M.D./Ph.D. student, with experience in bioinformatics, biostatistics, and epidemiology. My primary research interests are study design and data analysis.

Education

Universidade Federal da Bahia

Faculdade de Medicina da Bahia

M.D./Ph.D.

2014–2022

- MD Thesis: Influence of obstructive sleep apnea on cerebral vasoreactivity indices in patients with cerebral vascular accident
- PhD Thesis: Risk factors and pathogenesis of chronic Chikungunya disease

Publications

Two-dose ChAdOx1 nCoV-19 vaccine protection against COVID-19 hospital admissions and deaths over time: a retrospective, population-based cohort study in Scotland and Brazil The Lancet

Katikireddi, S. V., **Cerqueira-Silva, T.**, Vasileiou, E., Robertson, C., Amele, S., Pan, J., ... Sheikh, A.

2021

Influence of age on the effectiveness and duration of protection of Vaxzevria and CoronaVac vaccines: A population-based study The Lancet Regional Health - Americas

Cerqueira-Silva, T., Oliveira, V. de A., Boaventura, V. S., Pescarini, J. M., Júnior, J. B., Machado, T. M., ... Barral-Netto, M.

2022

A clinical scoring system to predict long-term arthralgia in Chikungunya disease: A cohort study PLOS Neglected Tropical Diseases

De Moraes, L., **Cerqueira-Silva, T.**, Nobrega, V., Akrami, K., Santos, L. A., Orge, C., ... Boaventura, V. S.

2020

Association Between Risk of Obstructive Sleep Apnea and Cerebrovascular Reactivity in Stroke Patients Journal of the American Heart Association

Castello-Branco, R. C., Cerqueira-Silva, T., Andrade, A. L., Gonçalves, B. M. M., Pereira, C. B., Felix, I. F., ... Oliveira-Filho, J.

2020

LTB4-Driven Inflammation and Increased Expression of ALOX5/ACE2 During Severe COVID-19 in Individuals With Diabetes Diabetes

Bonyek-Silva, I., Machado, A. F. A., **Cerqueira-Silva, T.**, Nunes, S., Silva Cruz, M. R., Silva, J., ... Tavares, N. M.

2021

Tissue Inhibitor of Metalloproteinase-1 Is Increased in Chagasic Cardiomyopathy The American Journal of Tropical Medicine and Hygiene

Garcia, K. O., **Silva, T. C.**, Nunes, M. C. P., Felix, I. F., Oliveira, M. A., Marques, M. E. L., ... Oliveira-Filho, J.

2021

Efficacy of Brazilian green propolis (EPP-AF®) as an adjunct treatment for hospitalized COVID-19 patients: A randomized, controlled clinical trial Biomedicine & Pharmacotherapy

Silveira, M. A. D., De Jong, D., Berretta, A. A., Galvão, E. B. dos S., Ribeiro, J. C., **Cerqueira-Silva, T.**, ... Passos, R. da H.

2021

Chagas disease is an independent predictor of stroke and death in a cohort of heart failure patients International Journal of Stroke

Cerqueira-Silva, T., Gonçalves, B. M., Pereira, C. B., Porto, L. M., Marques, M. E., Santos, L. S., ... Oliveira-Filho, J.

2021

Bridging Learning in Medicine and Citizenship During the COVID-19 Pandemic: A Telehealth-Based Case Study JMIR Public Health and Surveillance

Cerqueira-Silva, T., Carreiro, R., Nunes, V., Passos, L., Canedo, B. F., Andrade, S., ... Boaventura, V.

2021

Burnout syndrome and resilience in medical students from a Brazilian public college in Salvador, Brazil	Trends in Psychiatry and Psychotherapy
Dias, A. R., Fernandes, S. M., Fialho-Silva, I., Cerqueira-Silva, T. , Miranda-Scippa, A., & Galvão-de Almeida, A.	2021
Oral lesions are frequent in patients with Chikungunya infection	Journal of Travel Medicine
Casais, P. M., Akrami, K., Cerqueira-Silva, T. , Moraes, L. P., Rigaud, V. N., Neto, E. S., ... Boaventura, V. S.	2020
Factors associated with abnormal cardiac magnetic resonance imaging in embolic stroke of undetermined source	International Journal of Stroke
Neri, L. R., Torreão, J. A., Porto, L. M., Gonçalves, B. M., Andrade, A. L., Pereira, C. B., ... Oliveira-Filho, J.	2019

For the most updated list of publications see *my Google Scholar profile*.

Preprints

Effectiveness of CoronaVac, ChAdOx1, BNT162b2 and Ad26.COV2.S among individuals with prior SARS-CoV-2 infection in Brazil	
Cerqueira-Silva, T. , Andrews, J. R., Boaventura, V. S., Ranzani, O. T., de Araújo Oliveira, V., Paixão, E. S., ... Barral-Netto, M.	2021
Post-Acute COVID Syndrome, the Aftermath of Mild to Severe COVID-19 in Brazilian Patients	
Andrade Barreto, A. P., Duarte, L. C., Cerqueira-Silva, T. , Barreto Filho, M. A., Camelier, A., Tavares, N. M., ... Coelho Lima, M. C.	2021

Courses

III Curso de Verão em Bioinformática da UFMG	
Federal University of Minas Gerais	2019
II International Course on Bioinformatics Analysis of RNA-Seq Data	
Fundação Oswaldo Cruz - Instituto Carlos Chagas	2019
XVII Curso Internacional de Epidemiologia Molecular em Doenças Infecciosas	
Instituto Gonçalo Moniz - Fiocruz Bahia	2017
STATSX0001: Statistical Learning	
StanfordOnline	2021
Reproducible Research	
Universidade Johns Hopkins-Coursera	2020
Statistical Analysis with R for Public Health - Specialization	
Imperial College London-Coursera	2020
PH125.8x: Data Science: Machine Learning	
HarvardX	2020
Epidemiology for Public Health - Specialization	
Imperial College London-Coursera	2020
Academic Literacy	
Moscow Institute of Physics and Technology-Coursera	2019
R Programming	
Universidade Johns Hopkins-Coursera	2018

Scholarships

O uso de aprendizado de máquina para diagnóstico da COVID-19	UFBA 2021–2022
Monitoramento e avaliação das ações estratégicas dos programas de provimento e formação em saúde do ministério da saúde.	Fiotec 2020–2021
Expressão gênica nas lesões de leishmaniose cutânea e suas variantes clínicas através de técnicas de alto rendimento	Fiotec 2019–2020
Avaliação de função auditiva e de oromotricidade em bebês com microcefalia e infecção congênita por Zika vírus	CNPQ 2018–2019
CHADSS: Chagas Disease Scan Study Neuroimagem na Doença de Chagas	NIH 2016–2017

Book Chapters

Vacinas contra a infecção pelo SARS-CoV-2	
Construção de conhecimento no curso da pandemia de COVID-19: aspectos biomédicos, clínico-assistenciais, epidemiológicos e sociais	2020
Testes diagnósticos na COVID-19	
Construção de conhecimento no curso da pandemia de COVID-19: aspectos biomédicos, clínico-assistenciais, epidemiológicos e sociais	2020
Aprendizado em medicina e cidadania durante a pandemia de COVID-19: um modelo de teletriagem em saúde	
Construção de conhecimento no curso da pandemia de COVID-19: aspectos biomédicos, clínico-assistenciais, epidemiológicos e sociais	2020

Works presented in Congress

Influence of risk of obstructive sleep apnea on cerebral vasoreactivity in patients with stroke	
5th European Stroke Organisation Conference	2019
Coorte de 13 anos de pacientes com insuficiência cardíaca chagásica e não-chagásica: fatores de risco para AVC e morte	
XII Congresso Brasileiro de Doenças Cerebrovasculares	2019
Neuronal depopulation, not silent cerebrovascular disease mediate cognitive dysfunction in Chagas disease	
11th World Stroke Congress	2018
Pilot study of cardiac magnetic resonance imaging in embolic stroke of undetermined source (MR-ESUS)	
3rd European Stroke Organisation Conference	2017

Telecoronavirus: Ação das Escolas e Entidades Médicas da Bahia.

MARCH-2020/JULY-2020

- I helped in the coordination of this project that focused on mitigating the adverse effects of the COVID-19 pandemic through a strategy that combines telehealth and medical training

Notes

- For a more detailed curriculum vitae, please visit my Lattes
- This CV is reproducible; all the source code behind this CV is available on this GitHub repo.