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 vasorreactivity 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

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., Oliveira, V. de A., Paixao, E. S., … Barral-Netto, M. — 2021

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

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

International Journal of Stroke

2021

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

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

JMIR Public Health and Surveillance

2021

Burnout syndrome and resilience in medical students from a Brazilian public college in Salvador, Brazil

Dias, A. R., Fernandes, S. M., Fialho-Silva, I., Cerqueira-Silva, T., Miranda-Scippa, A., & Galvão-de Almeida, A.

Trends in Psychiatry and Psychotherapy

2021

Oral lesions are frequent in patients with Chikungunya infection

Casais, P. M., Akrami, K., Cerqueira-Silva, T., Moraes, L. P., Rigaud, V. N., Neto, E. S., … Boaventura, V. S.

Journal of Travel Medicine

2020

Factors associated with abnormal cardiac magnetic resonance imaging in embolic stroke of undetermined source

Neri, L. R., Torreão, J. A., Porto, L. M., Gonçalves, B. M., Andrade, A. L., Pereira, C. B., … Oliveira-Filho, J.

International Journal of Stroke

2019

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

🖳 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

PH525.1x: Statistics and R

HarvardX

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   Fiotec
em saúde do ministério da saúde.
                                                                         2020–2021

Expressão gênica nas lesões de leishmaniose cutânea e suas variantes clínicas através de   Fiotec
técnicas de alto rendimento
                                                                         2019–2020

Avaliação de função auditiva e de oromotricidade em bebês com microcefalia e infecção   CNPQ
congênita por Zika vírus
                                                                         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,   2020
epidemiológicos e sociais

Testes diagnósticos na COVID-19
Construção de conhecimento no curso da pandemia de COVID-19: aspectos biomédicos, clínico-assistenciais,   2020
epidemiológicos e sociais

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,   2020
epidemiológicos e sociais

💬 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

👉 University Extension

Telecoronavirus: Ação das Escolas e Entidades Médicas da Bahia.

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MARCH-2020/JULY-2020

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- 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.