

# 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

2021

- [http://dx.doi.org/10.1016/s0140-6736\(21\)02754-9](http://dx.doi.org/10.1016/s0140-6736(21)02754-9)

**Influence of age on the effectiveness and duration of protection of Vaxzevria and CoronaVac vaccines: A population-based study**

The Lancet Regional Health - Americas

2022

- <http://dx.doi.org/10.1016/j.lana.2021.100154>

**A clinical scoring system to predict long-term arthralgia in Chikungunya disease: A cohort study**

PLOS Neglected Tropical Diseases

2020

- <https://doi.org/10.1371/journal.pntd.0008467>

**Association Between Risk of Obstructive Sleep Apnea and Cerebrovascular Reactivity in Stroke Patients**

Journal of the American Heart Association

2020

- <http://dx.doi.org/10.1161/jaha.119.015313>

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

Diabetes

2021

- <http://dx.doi.org/10.2337/db20-1260>

**Tissue Inhibitor of Metalloproteinase-1 Is Increased in Chagasic Cardiomyopathy**

The American Journal of Tropical Medicine and Hygiene

2021

- <http://dx.doi.org/10.4269/ajtmh.20-0401>

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

Biomedicine & Pharmacotherapy

2021

- <http://dx.doi.org/10.1016/j.biopha.2021.111526>

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

International Journal of Stroke

2021

- <http://dx.doi.org/10.1177/17474930211006284>

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

JMIR Public Health and Surveillance

2021

- <https://doi.org/10.2196/24795>

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

Trends in Psychiatry and  
Psychotherapy

2021

• <https://doi.org/10.47626/2237-6089-2020-0187>

**Oral lesions are frequent in patients with Chikungunya infection**

Journal of Travel Medicine

2020

• <http://dx.doi.org/10.1093/jtm/taaa040>

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

International Journal of Stroke

2019

• <http://dx.doi.org/10.1177/1747493019840928>



## 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

**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

## 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

2019	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
2018	Neuronal depopulation, not silent cerebrovascular disease mediate cognitive dysfunction in Chagas disease	11th World Stroke Congress
2017	Pilot study of cardiac magnetic resonance imaging in embolic stroke of undetermined source (MR-ESUS)	3rd European Stroke Organisation Conference

## University Extension

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 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.