

# João Pedro Fernandes Queiroz

DOCTORAL RESEARCHER

Max Planck Institute for Terrestrial Microbiology

+55 88 99820 4376 | [queiroz\\_pedro22@outlook.com](mailto:queiroz_pedro22@outlook.com) | [JPFQueiroz](#) | [JPedroFQueiroz](#)

## Some stuff about me

- I am a biotechnologist interested in protein evolution and engineering.
- I have experience with protein purification, crystallization, biophysical techniques, structural biology techniques, structural bioinformatics, comparative genomics, and computational molecular evolution.
- I also have experience with the R Programming Language [this CV was written using the R package *vitae* for R Markdown].
- I am very interested in developing original research in the field of evolutionary biochemistry through experimental approaches.

## Education

### Federal University of Ceará

BACHELOR OF BIOTECHNOLOGY

Fortaleza, Brazil

2014-2018

### Federal University of Ceará

MASTER OF BIOTECHNOLOGY OF NATURAL RESOURCES

Fortaleza, Brazil

2019-2021

## Complementary Education

### Federal University of Ceará

HEME PROTEINS AS BIOLOGICAL SWITCHES (8H)

Fortaleza, Brazil

2018

### Federal University of Ceará

EXPERIMENT PLANNING COURSE (20H)

Fortaleza, Brazil

2015

### Federal University of Ceará

PHYSIOLOGICAL BASES IN PHARMACOLOGY (40H)

Fortaleza, Brazil

2015

### Federal University of Ceará

BIOMATERIALS FOR MEDICAL APPLICATIONS (4H)

Fortaleza, Brazil

2014

### Federal University of Ceará

BIOCHEMISTRY AND CRAFT BEER PRODUCTION (4H)

Fortaleza, Brazil

2014

## Professional Experience

### Federal University of Ceará

SCIENTIFIC INITIATION SCHOLARSHIP - CNPQ (20H)

Fortaleza, Brazil

2017-2018

### Federal University of Ceará

SCIENTIFIC INITIATION SCHOLARSHIP - CNPQ (20H)

Fortaleza, Brazil

2016-2017

### Federal University of Ceará

SCIENTIFIC INITIATION SCHOLARSHIP - CAPES (20H)

Fortaleza, Brazil

2015-2016

## Languages

- Portuguese: Comprehends Well, Speaks Well, Reads Well, Writes Well.
- English: Comprehends Well, Speaks Reasonably, Reads Well, Writes Well.
- Spanish: Comprehends Well, Speaks Little, Reads Well, Writes Little.

## Publications

1. Queiroz, J. P. F., Lourenzoni, M. R., & Rocha, B. A. M. (2023). Structural evolution of an amphibian-specific globin: A computational evolutionary biochemistry approach. *Comparative Biochemistry and Physiology Part D: Genomics and Proteomics*, 45, 101055. <https://doi.org/10.1016/j.cbd.2022.101055>
2. Queiroz, J. P. F., Lima, N. C. B., & Rocha, B. A. M. (2021). The rise and fall of globins in the amphibia. *Comparative Biochemistry and Physiology - Part D: Genomics and Proteomics*, 37, 100759. <https://doi.org/10.1016/j.cbd.2020.100759>