

# CAMILO GARCÍA-BOTERO

Biologist, M.Sc., PhD. student

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## RESEARCH EXPERIENCE

Young Fellow

MinCiencias - EAFIT

2022- 2023

Medellín, Colombia

International Scholar

Purdue University

Aug 2017 - Jan 2018

West Lafayette, Indiana, USA

## EDUCATION

PhD. in Biology — Universidad de los Andes

January 2023 - ongoing

MSc. in Biosciences — Universidad EAFIT

Molecular elements underlying *Bacillus tequilensis* unrestrained loss of social traits

July 2019 - April 2022

B.Sc. in Biology — Universidad EAFIT

*Plukenetia volubilis* non-paternal oDNA transmission: a cytological diagnosis of pollen grains and a phylogenetic approach assessing Colombian cultivars cpDNA markers variation

January 2014 - December 2018

## PUBLICATIONS

Cuellar-Gaviria, T. Z., García-Botero, C., Ju, K. S., Villegas-Escobar, V. (2023). The genome of *Bacillus tequilensis* EA-CB0015 sheds light into its epiphytic lifestyle and potential as a biocontrol agent. *Frontiers in Microbiology*, 14, 1135487. [see](#)

Villanueva-Corrales, S., García-Botero, C., Garcés-Cardona, F., Ramírez-Ríos, V., Villanueva-Mejía, D. F., Álvarez, J. C. (2021). The Complete Chloroplast Genome of *Plukenetia volubilis* Provides Insights Into the Organelle Inheritance. *Frontiers in plant science*, 12, 662. [see](#)

## TEACHING EXPERIENCE

Department of Biological Sciences, Los Andes University

Jan 2023 - present

Bogota, Colombia

Inference and Informatics

Department of Biological Sciences, EAFIT University

Sep 2021 - Dec 2022

Medellin, Colombia

Experimental Biology

Fund. of Computational Biology

Research Seminar

## AWARDS



Young Fellow - MinCiencias  
2021



MSc. Scholarship - Universidad EAFIT  
2019

## AREAS OF INTEREST

Evolution

Bioinformatics

Microbial Ecology

Epigenetics

Phylogenetics

Metagenomics

Bacteriophages

## SKILLS & STRENGTHS

Programming

HPC

Reading & writing skills

Scientific thinking

Data science

Motivator & Leader

Adaptation

Creative thinking

Curiosity

## SOFTWARE

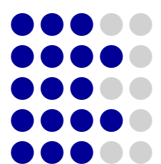
Python

R

LaTeX

Bash-Shell

Julia



## LANGUAGES

Spanish

English

German



## REFERENCES

Alejandro Reyes

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Universidad de los Andes, Bogota

Valeska Villegas-Escobar

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Universidad EAFIT, Medellín

Ximena Bernal

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Purdue University, West Lafayette