

Axl S. Cepeda

PhD Student at Dr. Escalante's Lab,
Institute for Genomics and Evolutionary Medicine, iGEM -
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EDUCATION

Temple University | Philadelphia, PA
PhD in Biology

Expected 2026

National University of Colombia | Bogotá, Colombia
Masters of Science, Biology

April 2020

National University of Colombia | Bogotá, Colombia
Bachelors of Science, Biology

April 2017

SCIENTIFIC PUBLICATIONS

Gutiérrez-Liberato, G. A., Lotta-Arévalo, I. A., González, L. P., Vargas-Ramírez, M., Rodríguez-Fandiño, O., **Cepeda, A. S.**, and Matta, N. E. (2021). The genetic and morphological diversity of *Haemogregarina* infecting turtles in Colombia: Are mitochondrial markers useful as barcodes for these parasites? *Infection, Genetics and Evolution*, 105040.

Cepeda, A. S., Pacheco, M. A., Escalante, A. A., Alzate, J. F., & Matta, N. E. (2021). The apicoplast of *Haemoproteus columbae*: A comparative study of this organelle genome in Haemosporidia. *Molecular Phylogenetics and Evolution*, 161, 107185.

González, L. P., Pacheco, M. A., Escalante, A. A., Maldonado, A. D. J., **Cepeda, A. S.**, Rodríguez-Fandiño, O. A., ... & Matta, N. E. (2019). *Haemocystidium* spp., a species complex infecting ancient aquatic turtles of the family Podocnemididae: First report of these parasites in *Podocnemis vogli* from the Orinoquia. *International Journal for Parasitology: Parasites and Wildlife*.

Cepeda, A. S., Lotta, I. A., Pinto-Osorio D.F., Macías-Zacapa J., Valkiūnas, G., Barato P., Matta, N. E. (2019). The experimental characterization of the complete life cycle of *Haemoproteus columbae*, with description of the natural host-parasite system to study this infection. *International journal for parasitology*.

Pacheco, M. A., **Cepeda, A. S.**, Bernotienė, R., Lotta, I. A., Matta, N. E., Valkiūnas, G., & Escalante, A. A. (2018). Primers targeting mitochondrial genes of avian haemosporidia: PCR

detection and differential DNA amplification of parasites belonging to different genera.
International journal for parasitology.

PANEL AND ORAL PRESENTATIONS

V Bogotá Microbial Meeting Bomm, 2019 | Bogotá, Colombia
National University of Colombia | **Oral presentation**

American Ornithological Society (137th Stated Meeting) 2019 | Anchorage, AK
American Ornithological Society | **Poster presentation**

4th International Conference on Malaria and Related Haemosporidian Parasites of Wildlife 2018 | Beijing, China
Beijing Normal University | **Oral presentation**

Fifth International and Interdisciplinary Workshop on Mathematical Modeling of Environment and Evolution 2018 | Villa de Leyva, Colombia
University of Andes | **Oral presentation**

First International Congress of Science, Technology, and Innovation of the Americas 2017 | Bogotá, Colombia
National University of Colombia | **Poster presentation**

Symposium of Degree Works - Biology 2016-II | Bogotá, Colombia
National University Of Colombia | **Oral presentation**

HONORS AND AWARDS

Temple University, 2021 | Philadelphia, PA
University Fellowship

National University of Colombia, 2020 | Bogotá, Colombia
Master's Thesis Laureate

University of Andes, 2018 | Bogotá, Colombia
Invitation letter 5th IIWEE

Beijing Normal University, 2018 | Beijing, China
Award-winners of the Student Grants

TEACHING EXPERIENCE

Temple University | Philadelphia, PA
Research Assistant / Teacher's Assistant

Jan. 2021 – Present

PROFESSIONAL EXPERIENCE

National Institute of Legal Medicine | Bogotá, Colombia
Forensic University Professional

Feb. 2018 – Oct. 2020

ACADEMIC APPOINTMENTS

Temple University | Philadelphia, PA
2019

April

Internship Research

National University of Colombia | Bogotá, Colombia
2018

Jan. 2017 – Jan.

Student Assistant

National University of Colombia | Bogotá, Colombia
2016

March 2016 – July

Student Assistant

National University of Colombia | Bogotá, Colombia
Student Assistant

Oct. 2015 – Dec. 2015