

## Contact Info

lbh23kx@bangor.ac.uk  
Carlos Alberto Hernandez Orta  
Molecular Ecology and Evolution at Bangor  
School of Environmental & Natural Sciences



## Qualifications

Postgraduate, MA, National Autonomous University of Mexico  
1 Aug 2021 → 30 Jul 2023

Undergraduate, (Autonomous University of the State of Morelos  
10 Jan 2016 → 15 Dec 2019

## Research

- Hernández-Orta, C. A., Aguilar-Dorantes, K. M., Morales-Linares, J. & Bertolini, V. (2019). New records of Orchidaceae Juss. for the state of Hidalgo, Mexico. *Check List*, 15(5): 827-832.
- Rebollar, E. A., Martínez-Ugalde, E., Orta, A. H. (2020). The amphibian skin microbiome and its protective role against chytridiomycosis. *Herpetologica*, 76(2): 167-177.
- Orta, A. H., Bush, S. J., Gutiérrez-Mariscal, M., Castro, S., Jaimes-Hoy, L., Grande, R., Vázquez, G., Gorostieta-Salas, Martínez-Pacheco, M., Díaz-Barba, K., Cornejo- Páramo, P., Sánchez, A., Székely, T., Urrutia, A. O. & Cortez, D. (2021). Rats exhibit age-related mosaic loss of chromosome Y. *Communications biology*, 4: 1418.
- Trujillo, N., Martínez-Pacheco, M., Soldatini, C., Ancona, S., Young, R. C., Albores- Barajas, Y. V., Orta, A. H., Rodríguez, C., Székely T., Drummond, H., Urrutia, A. O. & Cortez, D. (2022). Lack of age-related mosaic loss of W chromosome in long-lived birds. *Biology Letters*, 18: 20210553.

## Employment

**Molecular Ecology and Evolution at Bangor**  
Bangor University  
1 Jan 2024 → 31 Mar 2027

### , PHD/EVOLEC

School of Environmental & Natural Sciences  
Bangor University  
1 Sept 2023 → 31 Mar 2027