

**Julio Andres Bonilla Jaime**  
**Lecturer / Researcher**

 **Websites (Google scholar):** <https://scholar.google.com/citations?user=86L7dB4AAAAJ&hl=en>

**EDUCATION**

Ph.D. Biotechnology, 2015, University of Barcelona, Barcelona, Spain  
M.Sc. Plant Molecular Biology, 2011, University of Barcelona, Barcelona, Spain  
B.S. Biology, 2010, Escuela Superior Politécnica del Litoral (ESPOL), Guayaquil, Ecuador.

**SERVICE ON THIS FACULTY (4 years)**

2015 - present, Assistant Professor

**OTHER RELATED EXPERIENCE**

Research Assistant at CIBE (Biotechnology Research Center of Ecuador). 2009 - 2011

Lab Assistant at CRAG - Barcelona. 2012-2014

**CONSULTING AND PATENTS (n/a)**

**STATE IN WHICH REGISTERED (n/a)**

**PUBLICATIONS LAST FIVE YEARS**

1. Poster participation "DNA-based monitoring of the invasive American crayfish, *Procambarus clarkii*, in Andean lakes (Ecuador)" at DNAqua-Net kick-off meeting of a European COST action. (Germany, 2017).
2. L. Riascos, A.N. Geerts, T. Oña, P. Goethals, J. Cevallos-Cevallos, W. Vanden Berghe, F.A.M. Volckaert, J. Bonilla, K. Muylaert, E. Velarde, P. Boets, C. Van der heyden, DNA-based monitoring of the alien invasive North American crayfish *Procambarus clarkii* in Andean lakes (Ecuador), *Limnologica*, 2018, ISSN 0075-9511, <https://doi.org/10.1016/j.limno.2018.02.002>.
3. Rottiers, H., Tzompa Sosa, D.A., Lemarcq, V. De Winne, A., De Wever, J., Everaert, H., Bonilla, J., Dewettinck, K., and Messens, K. A multipronged flavor comparison of Ecuadorian CCN51 and Nacional cocoa cultivars. *Eur Food Res Technol* 245, 2459–2478 (2019). <https://doi.org/10.1007/s00217-019-03364-3>

4. Riascos-Flores L, Carrera A, Naranjo L, Yanez J, Goethals P, Bonilla J, Celi J, Van der heyden C, Ortega M (2021) DNA-based biomonitoring in the tropics: Detection and control of *Batrachochytrium dendrobatidis* in Ecuadorian ecosystem. ARPHA Conference Abstracts 4: e65304. <https://doi.org/10.3897/aca.4.e65304>
5. Van der heyden C, Riascos L, Carrera-Gonzalez A, Apunte Ramos KE, Carbrera M, Espinosa R, Boets P, Moens T, Vanden Berghe W, Verbruggen E, Volckaert F, Villamarin F, Goethals P, Bonilla J, Ortega M, Celi J (2021) DNA-based monitoring for assessing the effect of invasive species on aquatic communities in the Amazon basin of Ecuador. ARPHA Conference Abstracts 4: e65376. <https://doi.org/10.3897/aca.4.e65376>
6. Serrano, L., Moreno, A. S., Castillo, D. S., Bonilla, J., Romero, C. A., Galarza, L. L., & Coronel-León, J. R. (2021). Biosurfactants synthesized by endophytic *Bacillus* strains as control of *Moniliophthora perniciosa* and *Moniliophthora roreri*. *Scientia Agricola*, 78(Supl. 1), e20200172. <https://doi.org/10.1590/1678-992X-2020-0172>

## **PROFESSIONAL SOCIETIES**

## **HONORS AND AWARDS**

Scholarship for Master Studies, funded by Secretaría Nacional de Educación Superior, Ciencia, Tecnología e Innovación (SENACYT). Ecuador, 2010.

Scholarship for Doctoral Studies, funded by Secretaría Nacional de Educación Superior, Ciencia, Tecnología e Innovación (SENACYT). Ecuador, 2010.

## **INSTITUTIONAL AND PROFESSIONAL SERVICE (LAST FIVE YEARS)**

## **TIME DISTRIBUTION**

25% Lectures, 75% Research