



UNIVERSIDAD DE ANTIOQUIA
1803

PRODUCCIÓN CIENTÍFICA

GRUPO BIOLOGÍA Y CONTROL DE ENFERMEDADES INFECCIOSAS BCEI

2018

1. Urrea DA, Duitama J, Imamura H, Álzate JF, Gil J, Muñoz N, Villa JA, Dujardin JC, Ramirez-Pineda JR, Triana-Chavez O. 2018. [Genomic Analysis of Colombian Leishmania panamensis strains with different level of virulence.](#) Sci Rep, 8(1):17336. doi: 10.1038/s41598-018-35778-6.
2. Pérez-Restrepo LS, Triana-Chávez O, Mejía-Jaramillo AM, Arboleda-Sánchez SO. 2018. [Vector competence analysis of two Aedes aegypti lineages from Bello, Colombia, reveals that they are affected similarly by dengue-2 virus infection.](#) Arch Virol. 164(1):149-158. doi: 10.1007/s00705-018-4049-6.
3. Jaimes-Dueñez J, Triana-Chávez O, Holguín-Rocha A, Tobon-Castaño A, Mejía-Jaramillo AM. 2018. [Molecular surveillance and phylogenetic traits of Babesia bigemina and Babesia bovis in cattle \(Bos taurus\) and water buffaloes \(Bubalus bubalis\) from Colombia.](#) Parasit Vectors, 11(1):510. doi: 10.1186/s13071-018-3091-2.
4. Jaimes-Dueñez J, Triana-Chávez O, Mejia-Jaramillo Ana. **2018.** Genetic, host and environmental factors associated with a high prevalence of *Anaplasma marginale*. Ticks and Tick-borne Diseases 9: 1286-1295. <https://doi.org/10.1016/j.ttbdis.2018.05.009>
5. García-Huertas P, Olmo F, Sánchez-Moreno M, Dominguez J, Chahboun R, Triana-Chavez O. **2018.** Activity in vitro and in vivo against Trypanosoma cruzi of a furofuran lignan isolated from Piper jericense. Exp Parasitol 189:34-42. Doi:1016/j.exppara.2018.04.009
6. Granada Y, Mejia-Jaramillo AM, Strode C, Triana-Chavez O. **2018.** A point mutation V419L in the sodium channel gene from natural populations of Aedes aegypti is involved in resistane to lambda-cyhalothrin in Colombia. Insects 9(1):E23. Doi:10.3390/insects9010023.

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7. Buenaventura E, Valverde C, Wolff M, Triana-Chavez O, Gomez A. **2018**. DNA barcoding for identifying synanthropic flesh flies (Diptera: Sarcophagidae) of Colombia. *Acta Tropica* 182:291-297.

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8. Jaimes-Dueñez J, Triana-Chavez O, Mejia-Jaramillo AM. **2018**. Spatial-temporal and phylogeographic characterization of *Trypanosoma* spp. In cattle (*Bos Taurus*) and buffaloes (*Bubalus bubalis*) reveals transmission dynamics of these parasites in Colombia. *Vet Parasitol* 249:30-42. Doi:10.1016/j.vetpar.2017.11.0049

9. Montoya-Porras LN, Triana O, Alzate JF, Moreno-Herrera CX, Cadavid-Restrepo GE. **2018**. 16S rRNA gene amplicon sequencing reveals dominance of Actinobacteria in *Rhodnius pallescens* compared to *Triatoma maculata* midgut microbiota in natural populations of vector insects from Colombia. *Acta Tropica* 178:327-332.

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