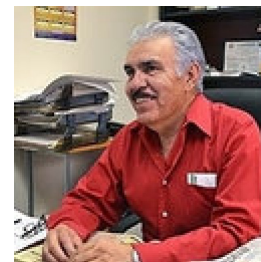


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## Research Interests

LÍNEA DE INVESTIGACIÓN

## Research outputs

### **Effect of adding vegetable substrates on penaeus vannamei pre-grown in biofloc system on shrimp performance, water quality and biofloc composition**

Peiro-Alcantar, C., Rivas-Vega, M. E., Martínez-Porchas, M., Lizárraga-Armenta, J. A., Miranda-Baeza, A. & Martínez-Córdova, L. R., Nov 2019, In: Latin American Journal of Aquatic Research. 47, 5, p. 784-790 7 p.

### **Biofilm-forming capacity of two benthic microalgae, *Navicula incerta* and *Navicula* sp., on three substrates (Naviculales: Naviculaceae)**

Gómez-Ramírez, A. L., Enriquez-Ocaña, L. F., Miranda-Baeza, A., Esquivel, B. C., Antonio López-Eliás, J. & Martínez-Córdova, L. R., Jun 2019, In: Revista de Biología Tropical. 67, 3, p. 599-607 9 p.

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### **Biofilm consumption shapes the intestinal microbiota of shrimp (*Penaeus vannamei*)**

Garibay-Valdez, E., Martínez-Córdova, L. R., Vargas-Albores, F., Gollas-Galván, T., Lago-Leston, A., Calderón, K. & Martínez-Porchas, M., 1 Apr 2019, In: Aquaculture Nutrition. p. 427-435 9 p.

### **Addition of commercial probiotic in a biofloc shrimp farm of *Litopenaeus vannamei* during the nursery phase: Effect on bacterial diversity using massive sequencing 16S rRNA**

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### **Gonadic conditioning and maturation of the queen conch (*Dosinia ponderosa*) fed three microalgae at three temperatures**

Villanueva-Gutiérrez, E., Enriquez-Ocaña, L. F., López-Eliás, J. A., Garza-Aguirre, M. D. C., Mazón-Suástegui, J. M. & Martínez-Córdova, L. R., 1 Feb 2019, In: Aquaculture Nutrition. 25, 1, p. 88-96 9 p.

### **Inferring the functional properties of bacterial communities in shrimp-culture bioflocs produced with amaranth and wheat seeds as fouler promoters**

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### **Predictive functional profiles using metagenomic 16S rRNA data: a novel approach to understanding the microbial ecology of aquaculture systems**

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**Dosage and frequency effects of the microalgae *Dunaliella* sp. on the diet of *Litopenaeus vannamei* challenged with *Vibrio parahaemolyticus***

Medina Félix, D., Campa Córdova, Á. I., López Elías, J. A., Martínez Córdova, L. R., Preciado, G. F., Cortés Jacinto, E., Luna González, A., Mendoza Cano, F. & Huerta Aldaz, N., Feb 2019, In: *Journal of Invertebrate Pathology*. 161, p. 14-22 9 p.

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Gómez-Ramírez, A. L., Enriquez-Ocaña, L. F., Miranda-Baeza, A., Esquivel, B. C., Antonio López-Elías, J. & Martínez-Córdova, L. R., 2019, In: *Revista de Biología Tropical*.

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**Nutritional effect of *Artemia* nauplii enriched with *Tetraselmis suecica* and *Chaetoceros calcitrans* microalgae on growth and survival on the river prawn *Macrobrachium americanum* larvae**

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**Survival of *Litopenaeus vannamei* shrimp fed on diets supplemented with *Dunaliella* sp. is improved after challenges by *Vibrio parahaemolyticus***

Medina Félix, D., López Elías, J. A., Campa Córdova, Á. I., Martínez Córdova, L. R., Luna González, A., Cortes Jacinto, E., Huerta Aldaz, N., Cano Mendoza, F. & Burboa Zazueta, M. G., Sep 2017, In: *Journal of Invertebrate Pathology*. 148, p. 118-123 6 p.

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**Development of a Model to Simulate Nitrogen Dynamics in an Integrated Shrimp-Macroalgae Culture System with Zero Water Exchange**

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