

## PRODUCTIVIDAD ACADÉMICA RELEVANTE (2015-2020)

<p><b>Dra. Martha Patricia Hernández Vergara</b></p>	<ol style="list-style-type: none"> <li>1. Gallardo-Collí Alfredo; Pérez-Fuentes Manuel; Pérez-Rostro Carlos Iván; <b>Hernández-Vergara Martha Patricia. 2020</b> Compensatory growth of Nile tilapia <i>Oreochromis niloticus</i>, L. subjected to cyclic periods of feed restriction and feeding in a biofloc system. <i>Aquaculture Research Journal</i> Vol 51(5) 1813-1823</li> <li>2. Díaz-Jiménez Lorenzo, <b>Hernández-Vergara Martha Patricia</b>; Pérez Rostro Carlos I. &amp; Ortega Clemente L. Alfredo. <b>2019</b>. The effect of astaxanthin and <math>\beta</math> carotene inclusion in diets for growth, reproduction and pigmentation of the peppermint shrimp <i>Lysmata wurdemanni</i>. <i>Latin American Journal of Aquatic Research</i> 47(3):559-567.</li> <li>3. Díaz-Jiménez, Lorenzo; <b>Hernández-Vergara, Martha Patricia</b>; Pérez-Rostro, Carlos I. <b>2019</b>. Protein and lipid requirement for the growth and reproduction of the peppermint shrimp <i>Lysmata wurdemanni</i>. <i>Aquaculture Research</i> 50(8): 2281-2288. DOI: 10.1111/are.14110</li> <li>4. Díaz-Jiménez, Lorenzo; <b>Hernández-Vergara, Martha Patricia</b>; Pérez-Rostro, Carlos I. <b>2019</b>. Protein/lipid ratio for the growth of juvenile clownfish, <i>Amphiprion ocellaris</i>. <i>J World Aquacult Soc.</i> 2019; 1– 13. doi.org/10.1111/jwas.12613</li> <li>5. Gallardo-Colli, Alfredo; Pérez-Rostro, Carlos Iván; <b>Hernández-Vergara, Martha Patricia. 2019</b>. Reuse of water from biofloc technology for intensive culture of Nile tilapia (<i>Oreochromis niloticus</i>): Effects for on productive performance, organosomatic indices and body composition. <i>International Aquatic Research. Int Aquat Res</i> <a href="https://doi.org/10.1007/s40071-019-0218-9">https://doi.org/10.1007/s40071-019-0218-9</a></li> <li>6. Gallardo-Colli Alfredo; Pérez-Rostro Carlos Iván; <b>Hernández-Vergara Martha Patricia</b>; Pérez-Legaspi Ignacio Alejandro. <b>2019</b>. Microeukaryote community and the nutritional composition of the biofloc during Nile tilapia culture in water-reusing biofloc systems. <i>Aquaculture International</i> DOI: 10.1007/s10499-018-0335-2.</li> <li>7. Pérez-Fuentes Jorge Alberto; Pérez-Rostro Carlos Iván; <b>Hernández-Vergara Martha Patricia</b>; Monroy-Dosta María del Carmen. <b>2018</b>. Variation of the bacterial composition of biofloc and the intestine of Nile tilapia <i>Oreochromis niloticus</i>, cultivated using biofloc technology, supplied different feed rations. <i>Aquaculture Research</i>. DOI: 10.1111/are.13834</li> <li>8. Lorenzo Díaz-Jiménez, <b>Martha Patricia Hernández-Vergara</b> &amp; Carlos I. Pérez Rostro. <b>2018</b>: The effect of background colour and lighting of the aquarium on the body pigmentation of the peppered shrimp <i>Lysmata wurdemanni</i>. <i>Aquaculture Research</i> DOI: 10.1111/are.13816</li> <li>9. <b>Hernández-Vergara Martha P. *</b>, Cruz-Ordóñez Selene B., Pérez-Rostro Carlos I., &amp; Pérez-Legaspi I. Alejandro <b>2018</b>. Polyculture of crayfish <i>Procambarus acanthophorus</i> and Nile tilapia <i>Oreochromis niloticus</i> as a strategy for sustainable water use. <i>Revista Hidrobiológica</i> 2018, 28 (1): 11-15</li> <li>10. Díaz-Jiménez Lorenzo, <b>Hernández-Vergara Martha Patricia</b> &amp; Carlos I. Pérez Rostro <b>2018</b>: Reproduction efficiency of the crayfish <i>Procambarus</i></li> </ol>
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	<p><i>acanthophorus</i> in relation to size and diet, Journal of Applied Aquaculture, DOI: 10.1080/10454438.2018.1468294</p> <ol style="list-style-type: none"> <li>11. Díaz Jiménez Lorenzo, Pérez-Rostro Carlos I., <b>Hernández-Vergara Martha P.</b> 2017. Efecto de la dieta y el Sistema de cultivo en la supervivencia y desarrollo larval del camarón bandeado <i>Stenopus hispidus</i> Revista Mexicana de Biodiversidad. 88: 163-172.</li> <li>12. Cervantes-Santiago A., <b>Hernández-Vergara Martha P.</b> Pérez-Rostro Carlos I. 2016. Nitrogen metabolites use from tilapia culture in aquaponic system. Ecosistemas y Recursos Agropecuarios 3(7): 63-73.ISSN: 2007-901X.</li> <li>13. Pérez-Fuentes Jorge A., <b>Hernández-Vergara Martha P.</b> Pérez-Rostro Carlos I.; Fogel Ira. 2016 C:N ratios affect nitrogen removal and production of Nile tilapia <i>Oreochromis niloticus</i> raised in a biofloc system under high density cultivation, Aquaculture ISSN: 0044-8486, Vol.452, Pag.247-251.</li> <li>14. Moha-León, Jesús David; Pérez-Legaspi, Ignacio Alejandro; <b>Hernández-Vergara, Martha Patricia</b>; Pérez-Rostro Carlos Iván; Clark-Tapia Ricardo. 2015. Study of the effects of photoperiod and salinity in the Alvarado strain of the <i>Brachionus plicatilis</i> species complex (Rotifera: Monogononta). Ann. Limnol. - Int. J. Lim. 51 (2015) 335-342</li> <li>15. Ronzón-Ortega M.; <b>Hernández-Vergara M.P.</b> Pérez-Rostro C.I., 2015. Producción acuapónica de arúgula, cilantro y tomate en tres sistemas asociados al cultivo semi-intensivo de tilapia gris <i>Oreochromis niloticus</i>. ISSN: 01887394, AGROPRODUCTIVIDAD ISSN: 0188-7394, Vol.8, Pag.26-32.</li> <li>16. Ortega-Clemente Luis Alfredo Ferrer-Alvarez Yesica I. Pérez-Legaspi I. Alejandro <b>Hernández-Vergara Martha P.</b>, Robledo-Martínez Paula N. Ricos-Leal Elvira Poggi-Varaldo Héctor M. 2015. Growth of <i>Chlorella vulgaris</i> and <i>Nannochloris oculata</i> in effluents of tilapia farming for the production of fatty acids with potential in the production of biofuels. African Journal of Biotechnology ISSN:1684-5315, Vol.14, Pag.1710-1717.</li> <li>17. Pérez-Legaspi I.A., García-Villar A.M., Garatachia-Vargas M., <b>Hernández-Vergara M.P.</b>, Pérez-Rostro C.I. &amp; L.A. Ortega-Clemente. 2015. Influencia de la temperatura y tipo de alimento, en la historia de vida de <i>Ceriodaphnia cornuta</i> Sars, 1885 (Crustacea:Cladocera), Revista Investigación y Ciencia de la Universidad Autónoma de Aguascalientes ISSN: 1665-4412, Vol.64, Pag.11-18.</li> </ol>
<p><b>Dra. María Isabel Jiménez García</b></p>	<ol style="list-style-type: none"> <li>1. Pérez-Legaspi, I. A., Valadéz-Rocha, V., Ortega-Clemente, L. A., <b>Jiménez-García, M. I.</b> 2019. Microalgal pigment induction and transfer in aquaculture. Reviews in Aquaculture: 1-21. doi: <a href="https://doi.org/10.1111/raq.12384">https://doi.org/10.1111/raq.12384</a></li> <li>2. Ek-Huchim, J. P., <b>Jiménez-García, I.</b>, Rodríguez-Canul, R. 2019. DNA detection of <i>Gyrodactylus</i> spp. in skin mucus of Nile tilapia <i>Oreochromis niloticus</i>. Veterinary Parasitology 272:75-78. DOI: <a href="https://doi.org/10.1016/j.vetpar.2019.07.004">https://doi.org/10.1016/j.vetpar.2019.07.004</a></li> <li>3. Mosqueda-Cabrera, M. A., Labastida-Valerio, J. A., Sotelo-Viveros, A. M., Becerra-García, R. E. y <b>Jiménez-García, M. I.</b> 2019. Helmintos del pez anual <i>Millerichthys robustus</i> (Teleostei:Rivulidae), una especie endémica</li> </ol>



	<p>de México. Revista Mexicana de Biodiversidad 90: e902652. DOI: <a href="http://dx.doi.org/10.22201/ib.20078706e.2019.90.2652">http://dx.doi.org/10.22201/ib.20078706e.2019.90.2652</a></p> <p>4. Ek-Huchim, J. P., Aguirre-Macedo, M. L., Amendola-Pimenta, M., Vidal-Martínez, V. M., Pérez-Vega, J. A., Sima-Álvarez, R., <b>Jiménez-García, I.</b>, Zamora-Bustillos, R., Rodríguez-Canul, R. <b>2017</b>. Genetic signature analysis of <i>Perkinsus marinus</i> in Mexico suggests possible translocation from the Atlantic Ocean to the Pacific Coast of México. <i>Parasites &amp; Vectors</i> 10:372. DOI 10.1186/s13071-017-2304-4</p> <p>5. Pavón-Suriano S.G., Ortega-Clemente L.A., <b>Jiménez-García M.I.</b>, Ramírez-Gutiérrez S.C., Pérez-Legaspi I.A. &amp; P.N. Robledo-Narváez. <b>2017</b>. Evaluation of colour temperatures in the cultivation of <i>Dunaliella salina</i> and <i>Nannochloropsis oculata</i> in the production of lipids and carbohydrates. <i>Environmental Science and Pollution Research</i>. 1-9 DOI: 10.1007/s11356-017-9764-0</p> <p>6. <b>Jiménez-García Ma. I.</b> y Suárez-Morales E. <b>2017</b>. Complementary description of <i>Ergasilus arthrosis</i> Roberts, 1969 (Copepoda: Cyclopodida: Ergasilidae), a new parasite of cichlid teleosts in Southern Mexico. <i>Systematic Parasitology</i> 94: 81-90. DOI: 10.1007/s11230-016-9678-0.</p>
<p><b>Dr. Luis Alfredo Ortega Clemente</b></p>	<p>1. Morando-Grijalva C. A. Vázquez-Larios A.L., Alcántara-Hernández R.J., <b>Ortega-Clemente L.A.</b>, Robledo-Narváez P.N. (2020). Isolation of a freshwater microalgae and its application for the treatment of wastewater and obtaining fatty acids from <i>Tilapia</i> cultivation. <i>Environmental Science and Pollution Research</i>. DOI: 10.1007/s11356-020-08308-z.</p> <p>2. Pérez-Legaspi I.A., Valadez-Rocha V., <b>Ortega-Clemente L.A.</b>, Jiménez-García M.I. (2019). Microalgal pigment induction and transfer in aquaculture: Review. <i>Reviews in Aquaculture</i>. 03 October 2019. ISSN: 1753-5131. doi.org/10.1111/raq.12384.</p> <p>3. Díaz-Jiménez L., Hernández-Vergara M.P., Pérez-Rostro C.I., <b>Ortega-Clemente L.A.</b> (2019). The effect of astaxanthin and <math>\beta</math>-carotene inclusion in diets for growth, reproduction and pigmentation of the peppermint shrimp <i>Lysmata wurdemanni</i>. <i>Latin American Journal of Aquatic Research</i>. <b>47(3)</b>. 559-567. ISSN 0718-560X. DOI: 10.3856/vol47-issue3-fulltext-17</p> <p>4. Moha-León J.D., Pérez-Legaspi I.A., Ortega-Clemente L.A. Rubio-Franchini I., Ríos-Leal E. (2019). Improving the lipid content of <i>Nannochloropsis oculata</i> by a mutation-selection program using UV radiation and quizalofop. <i>Journal of Applied Phycology</i>. ISSN 0921-8971. (1): 191-199.</p> <p>5. Martínez-Aguilar K., Pérez-Legaspi I.A., Ramírez-Fuentes E., Trujillo-Tapia M.N., <b>Ortega-Clemente L.A.</b> (2018). Growth, photosynthesis and removal responses of the cyanobacteria <i>Chroococcus</i> sp. to malathion and malaoxon. <i>Journal of Environmental Science and Health, Part B</i>. ISSN 0360-1234 53(12):771-776.</p> <p>6. Pérez-Legaspi I.A., Guzmán-Fermán B.M., Moha-León J.D., <b>Ortega-Clemente L.A.</b>, Valadez-Rocha V. (2018). Effects of the biochemical composition of three microalgae on the life history of the rotifer <i>Brachionus plicatilis</i> (Alvarado strain): an assessment. <i>Ann. Limnol. Int. J. Lim.</i>, ISSN 0003-4088, (54) 20</p>



	<ol style="list-style-type: none"> <li>7. Ortega-Clemente L.A., Pavón-Suriano S.G., Curiel-Ramírez S., Pérez-Legaspi I.A., Jiménez-García M.I., Robledo-Narváez P.N. (2017). Evaluation of colour temperatures in the cultivation of <i>Dunaliella salina</i> and <i>Nannochloropsis oculata</i> in the production of lipids and carbohydrates. <b><i>Environmental Science and Pollution Research</i></b>. ISSN 0944-1344, 25(22):21332-21340.</li> <li>8. Pérez-Legaspi I.A., <b>Ortega-Clemente L.A.</b>, Moha-León J.D., Ríos-Leal E., Ramírez-Gutiérrez S.C., Rubio-Franchini I. (2016). Effect of the pesticide lindane on the biomass of the microalgae <i>Nannochloris oculata</i>. <b><i>Journal of Environmental Science and Health, Part B</i></b>. ISSN 0360-1234, 51: 103-106.</li> <li>9. Pérez-Legaspi I.A., García-Villar A.M., Garatachia-Vargas M., Hernández-Vergara M.P., Pérez-Rostro C.I., <b>Ortega-Clemente L.A.</b> (2015). Influencia de la temperatura y tipo de alimento en la historia de vida de <i>Ceriodaphnia cornuta</i> Sars 1885 (Crustacea: Cladóceras), <b><i>Investigación y Ciencia de la Universidad Autónoma de Aguascalientes</i></b>. ISSN: 1665-4412, 64: 11-18.</li> <li>10. Ferrer-Álvarez Y.I., <b>Ortega-Clemente L.A.</b>, Pérez-Legaspi I.A., Hernández-Vergara M.P., Robledo-Narváez P.N., Ríos-Leal E., Poggi-Varaldo H.M. (2015). Growth of <i>Chlorella vulgaris</i> and <i>Nannochloris oculata</i> in effluents of tilapia farming for the production of fatty acids with potential in the production of biofuels. <b><i>African Journal of Biotechnology</i></b> ISSN: 1684-5315, 14: 1710-1717.</li> </ol>
<p><b>Dr. Ignacio Alejandro Pérez Legaspi</b></p>	<ol style="list-style-type: none"> <li>1. <b>Pérez-Legaspi I.A.</b>, Valadez-Rocha V., Ortega-Clemente L.A. &amp; M.I. Jiménez-García. (2019). Microalgae pigment induction and transfer in aquaculture. <i>Reviews in Aquaculture</i>. <a href="https://doi.org/10.1111/raq.12384">https://doi.org/10.1111/raq.12384</a></li> <li>2. Gallardo-Collí A., Pérez-Rostro C.I., Hernández-Vergara M.P. &amp; <b>I.A. Pérez-Legaspi</b>. Microeukaryote community and the nutritional composition of the biofloc during Nile tilapia culture in water-reusing biofloc systems. (2019). <i>Aquaculture International</i>. <a href="https://doi.org/10.1007/s10499-018-0335-2">https://doi.org/10.1007/s10499-018-0335-2</a></li> <li>3. Martínez-Aguilar K., <b>Pérez-Legaspi I.A.</b>, Ramírez-Fuentes E., Trujillo-Tapia Ma. N. &amp; L.A. Ortega-Clemente. (2018). Growth, photosynthesis, and removal responses of the cyanobacteria <i>Chroococcus</i> sp. to malathion and malaoxon. <i>Journal of Environmental Science and Health, Part B</i>. <a href="https://doi.org/10.1080/03601234.2018.1505070">https://doi.org/10.1080/03601234.2018.1505070</a></li> <li>4. Moha-León J.D., <b>Pérez-Legaspi I.A.</b>, Ortega-Clemente L.A., Rubio-Franchini I. &amp; E. Ríos-Leal. (2018). Improving the lipid content of <i>Nannochloropsis oculata</i> by a mutation-selection program using UV radiation and quinalofop. <i>Journal of Applied Phycology</i>. 31(1), 191-199. <a href="https://doi.org/10.1007/s10811-018-1568-1">https://doi.org/10.1007/s10811-018-1568-1</a>. Disponible: <a href="https://rdcu.be/2CBP">https://rdcu.be/2CBP</a></li> <li>5. Hernández-Vergara M.P., Cruz-Ordóñez S. Pérez-Rostro C.I. &amp; <b>I.A. Pérez-Legaspi</b>. (2018). Polyculture of crayfish (<i>Procambarus acanthophorus</i>) and Nile tilapia (<i>Oreochromis niloticus</i>) as a strategy for sustainable water use. <i>Hidrobiológica</i>. 28 (1): 11-15.</li> <li>6. <b>Pérez-Legaspi I.A.</b>, Guzmán-Fermán B.M., Moha-León J.D., Ortega-Clemente L.A., Valadez-Rocha V. (2018). Effects of the biochemical composition of three microalgae on the life history of the rotifer</li> </ol>



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<p><b>Dr. Carlos Iván Pérez Rostro</b></p>	<p>1. Alfredo Gallardo-Collí; Manuel Pérez-Fuentes; <b>Carlos Iván Pérez-Rostro</b>; Martha Patricia Hernández-Vergara. 2020 Compensatory growth of Nile tilapia <i>Oreochromis niloticus</i>, L. subjected to cyclic periods of feed</p>





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