

PRODUCTIVIDAD ACADÉMICA RELEVANTE (2015-2020)

<p>Dra. Martha Patricia Hernández Vergara</p>	<ol style="list-style-type: none"> 1. Gallardo-Collí Alfredo; Pérez-Fuentes Manuel; Pérez-Rostro Carlos Iván; Hernández-Vergara Martha Patricia. 2020 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 2. Díaz-Jiménez Lorenzo, Hernández-Vergara Martha Patricia; Pérez Rostro Carlos I. & Ortega Clemente L. Alfredo. 2019. The effect of astaxanthin and β 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. 3. Díaz-Jiménez, Lorenzo; Hernández-Vergara, Martha Patricia; Pérez-Rostro, Carlos I. 2019. 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 4. Díaz-Jiménez, Lorenzo; Hernández-Vergara, Martha Patricia; Pérez-Rostro, Carlos I. 2019. 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 5. Gallardo-Colli, Alfredo; Pérez-Rostro, Carlos Iván; Hernández-Vergara, Martha Patricia. 2019. 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> https://doi.org/10.1007/s40071-019-0218-9 6. Gallardo-Colli Alfredo; Pérez-Rostro Carlos Iván; Hernández-Vergara Martha Patricia; Pérez-Legaspi Ignacio Alejandro. 2019. 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. 7. Pérez-Fuentes Jorge Alberto; Pérez-Rostro Carlos Iván; Hernández-Vergara Martha Patricia; Monroy-Dosta María del Carmen. 2018. 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 8. Lorenzo Díaz-Jiménez, Martha Patricia Hernández-Vergara & Carlos I. Pérez Rostro. 2018: 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 9. Hernández-Vergara Martha P. *, Cruz-Ordóñez Selene B., Pérez-Rostro Carlos I., & Pérez-Legaspi I. Alejandro 2018. 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 10. Díaz-Jiménez Lorenzo, Hernández-Vergara Martha Patricia & Carlos I. Pérez Rostro 2018: Reproduction efficiency of the crayfish <i>Procambarus</i>
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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"> 11. Díaz Jiménez Lorenzo, Pérez-Rostro Carlos I., Hernández-Vergara Martha P. 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. 12. Cervantes-Santiago A., Hernández-Vergara Martha P. 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. 13. Pérez-Fuentes Jorge A., Hernández-Vergara Martha P. 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. 14. Moha-León, Jesús David; Pérez-Legaspi, Ignacio Alejandro; Hernández-Vergara, Martha Patricia; 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 15. Ronzón-Ortega M.; Hernández-Vergara M.P. 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. 16. Ortega-Clemente Luis Alfredo Ferrer-Alvarez Yesica I. Pérez-Legaspi I. Alejandro Hernández-Vergara Martha P., 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. 17. Pérez-Legaspi I.A., García-Villar A.M., Garatachia-Vargas M., Hernández-Vergara M.P., Pérez-Rostro C.I. & 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.
<p>Dra. María Isabel Jiménez García</p>	<ol style="list-style-type: none"> 1. Pérez-Legaspi, I. A., Valadéz-Rocha, V., Ortega-Clemente, L. A., Jiménez-García, M. I. 2019. Microalgal pigment induction and transfer in aquaculture. Reviews in Aquaculture: 1-21. doi: https://doi.org/10.1111/raq.12384 2. Ek-Huchim, J. P., Jiménez-García, I., 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: https://doi.org/10.1016/j.vetpar.2019.07.004 3. Mosqueda-Cabrera, M. A., Labastida-Valerio, J. A., Sotelo-Viveros, A. M., Becerra-García, R. E. y Jiménez-García, M. I. 2019. Helmintos del pez anual <i>Millerichthys robustus</i> (Teleostei:Rivulidae), una especie endémica



	<p>de México. Revista Mexicana de Biodiversidad 90: e902652. DOI: http://dx.doi.org/10.22201/ib.20078706e.2019.90.2652</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., Jiménez-García, I., Zamora-Bustillos, R., Rodríguez-Canul, R. 2017. 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 & Vectors</i> 10:372. DOI 10.1186/s13071-017-2304-4</p> <p>5. Pavón-Suriano S.G., Ortega-Clemente L.A., Jiménez-García M.I., Ramírez-Gutiérrez S.C., Pérez-Legaspi I.A. & P.N. Robledo-Narváez. 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. <i>Environmental Science and Pollution Research</i>. 1-9 DOI: 10.1007/s11356-017-9764-0</p> <p>6. Jiménez-García Ma. I. y Suárez-Morales E. 2017. 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>Dr. Luis Alfredo Ortega Clemente</p>	<p>1. Morando-Grijalva C. A. Vázquez-Larios A.L., Alcántara-Hernández R.J., Ortega-Clemente L.A., 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., Ortega-Clemente L.A., 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., Ortega-Clemente L.A. (2019). The effect of astaxanthin and β-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. 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 quinalofop. <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., Ortega-Clemente L.A. (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., Ortega-Clemente L.A., 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"> 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. <i>Environmental Science and Pollution Research</i>. ISSN 0944-1344, 25(22):21332-21340. 8. Pérez-Legaspi I.A., Ortega-Clemente L.A., 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>. <i>Journal of Environmental Science and Health, Part B</i>. ISSN 0360-1234, 51: 103-106. 9. Pérez-Legaspi I.A., García-Villar A.M., Garatachia-Vargas M., Hernández-Vergara M.P., Pérez-Rostro C.I., Ortega-Clemente L.A. (2015). Influencia de la temperatura y tipo de alimento en la historia de vida de <i>Ceriodaphnia cornuta</i> Sars 1885 (Crustacea: Cladóceras), <i>Investigación y Ciencia de la Universidad Autónoma de Aguascalientes</i>. ISSN: 1665-4412, 64: 11-18. 10. Ferrer-Álvarez Y.I., Ortega-Clemente L.A., 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. <i>African Journal of Biotechnology</i> ISSN: 1684-5315, 14: 1710-1717.
<p>Dr. Ignacio Alejandro Pérez Legaspi</p>	<ol style="list-style-type: none"> 1. Pérez-Legaspi I.A., Valadez-Rocha V., Ortega-Clemente L.A. & M.I. Jiménez-García. (2019). Microalgae pigment induction and transfer in aquaculture. <i>Reviews in Aquaculture</i>. https://doi.org/10.1111/raq.12384 2. Gallardo-Collí A., Pérez-Rostro C.I., Hernández-Vergara M.P. & I.A. Pérez-Legaspi. Microeukaryote community and the nutritional composition of the biofloc during Nile tilapia culture in water-reusing biofloc systems. (2019). <i>Aquaculture International</i>. https://doi.org/10.1007/s10499-018-0335-2 3. Martínez-Aguilar K., Pérez-Legaspi I.A., Ramírez-Fuentes E., Trujillo-Tapia Ma. N. & 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>. https://doi.org/10.1080/03601234.2018.1505070 4. Moha-León J.D., Pérez-Legaspi I.A., Ortega-Clemente L.A., Rubio-Franchini I. & 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. https://doi.org/10.1007/s10811-018-1568-1. Disponible: https://rdcu.be/2CBP 5. Hernández-Vergara M.P., Cruz-Ordóñez S. Pérez-Rostro C.I. & I.A. Pérez-Legaspi. (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. 6. Pérez-Legaspi I.A., 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



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



	<p>restriction and feeding in a biofloc system. <i>Aquaculture Research Journal</i> Vol 51(5) 1813-1823.</p> <ol style="list-style-type: none"> 2. Mejía-Ramírez MA; Valadez-Rocha V; Pérez-Rostro CI. 2020. Economic feasibility analysis of small-scale aquaculture of the endemic snail <i>Pomacea patula catemacensis</i>, (Baker 1922) from southeast Mexico. <i>Aquatic Living Resources</i> 2(33):1-11. 3. Lorenzo Díaz-Jiménez, Martha Patricia Hernández-Vergara; Carlos I. Pérez Rostro & Alfredo Ortega Clemente L. 2019. The effect of astaxanthin and β 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. 4. Lorenzo Díaz-Jiménez; Hernández-Vergara, Martha Patricia; Pérez-Rostro, Carlos I. 2019. 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. 5. Díaz-Jiménez, Lorenzo; Hernández-Vergara, Martha Patricia; Pérez-Rostro, Carlos I. 2019. 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 6. Alfredo Gallardo-Colli; Carlos Iván Pérez-Rostro; Martha Patricia Hernández-Vergara. 2019. 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 Research</i>. https://doi.org/10.1007/s40071-019-0218-9 7. Alfredo Gallardo-Colli; Carlos Iván Pérez-Rostro; Martha Patricia Hernández-Vergara; Ignacio Alejandro Pérez-Legaspi. 2019. 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. 8. Jorge Alberto Pérez-Fuentes; Carlos Iván Pérez-Rostro; Martha Patricia Hernández-Vergara; María del Carmen Monroy-Dosta. 2018. 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 9. Lorenzo Díaz-Jiménez, Martha Patricia Hernández-Vergara & Carlos I. Pérez Rostro. 2018: 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 10. Martha P. Hernández-Vergara*, Selene B. Cruz-Ordóñez, Carlos I. Pérez-Rostro, & I. Alejandro Pérez-Legaspi 2018. 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 11. Lorenzo Díaz-Jiménez, Martha Patricia Hernández-Vergara & Carlos I. Pérez Rostro. 2018: Reproduction efficiency of the crayfish <i>Procambarus acanthophorus</i> in relation to size and diet, <i>Journal of Applied Aquaculture</i>, DOI: 10.1080/10454438.2018.1468294 12. Lorenzo-Díaz Jiménez, Carlos I. Pérez-Rostro, Martha P. Hernández-Vergara. 2017. Efecto de la dieta y el Sistema de cultivo en la
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