

Productividad de profesores del Núcleo Académico Básico de la LGAC  
**Salud Animal de MSPAS (2022 al 2024-1).**

#	AÑO	REVISTA	TÍTULO	<b>Autores: en negrita (profesores de NB), en azul (profesores anexos), en verde (alumnos de la MSPAS)</b>
1	2022	Transboundary and Emerging Diseases	Is vertical transmission the only pathway for <i>Rickettsia felis</i> ?	Pablo Colunga-Salas, Sokani Sánchez Montes; Marco Torres-Castro, Antonio Andrade- Torres, Carlos A. López González, <b>Gabriela Aguilar Tipacamú</b>
2	2022	Journal Proteomic	Comparative proteome analysis of the midgut of <i>Rhipicephalus microplus</i> (Acari: Ixodidae) strains with contrasting resistance to ivermectin reveals the activation of proteins involved in the detoxification metabolism	Eliel Ruiz-May, María Elizabeth Álvarez-Sánchez, <b>Gabriela Aguilar-Tipacamú</b> , José M. Elizalde- Contreras, Esaú Bojórquez-Velázquez, Jesús Alejandro Zamora-Briseño, Laura I. Vázquez- Carrillo, <b>Areli López-Esparza</b>
3	2022	Bioagrocencias	La fauna silvestre y la COVID-19 ¿y ahora qué? (2022)	Sokani Sánchez-Montes, Pablo Colunga-Salas, <b>Gabriela Aguilar-Tipacamú</b> , Carlos A. López-González, <b>Juan Mosqueda</b>
4	2022	Biomedical Innovations to Combat COVID-19	Innovative recombinant protein-based vaccines against SARS-CoV-2	<b>Juan Mosqueda</b> , Diego Josimar Hernández-Silva, Andrea Romero-Maldonado, Susana Mejia-López, Miguel Angel Mercado-Uriostegui
5	2022	Vaccine	Babesia bovis AMA-1, MSA-2c and RAP-1 contain conserved B and T-cell epitopes, which generate neutralizing antibodies and a long-lasting Th1	Mario Hidalgo-Ruiz, Susana Mejia-López, Rosa M. Pérez-Serrano, Guadalupe Zaldívar-Lelo de Larrea, Sabrina Ganzinelli , M

			immune response in vaccinated cattle	onica Florin-Christensen, Carlos E. Suarez, Rubén Hernández-Ortiz, Miguel A. Mercado-Uriostegui, Angelina Rodríguez-Torres, Bertha I. Carvajal-Gamez, Minerva Camacho-Nuez, Silvina E. Wilkowsky, <b>Juan Mosqueda</b>
6	2022	Phatogens	Babesiosis and Theileriosis in North America	Consuelo Almazán, Ruth C. Scimeca, Mason V. Reichard y <b>Juan Mosqueda</b>
7	2022	Plos One	Serological and molecular detection of <i>Babesia caballi</i> and <i>Theileria equi</i> in Mexico: A prospective study	Elizabeth Salinas-Estrella, Massaro W. Ueti, Vladislav A. Lobanov, Evelio Castillo-Payró, Amelia Lizcano-Mata, César Badilla, Francisco Martínez-Ibáñez, <b>Juan Mosqueda</b>
8	2022	Phatogens	Effect of Feeding Insoluble Fiber on the Microbiota and Metabolites of the Caecum and Feces of Rabbits Recovering from Epizootic Rabbit Enteropathy Relative to Non-Infected Rabbits	Xiao-Haitzi Daniel Puón-Peláez, Neil Ross McEwan, Roberto Carlos Álvarez-Martínez, Gerardo Mariscal-Landín, Gerardo Manuel Nava-Morales, <b>Juan Mosqueda</b> y <b>Andrea Margarita Olvera-Ramírez</b>
9	2022	Phatogens	The GP-45 Protein, a Highly Variable Antigen from <i>Babesia bigemina</i> , Contains Conserved B-Cell Epitopes in Geographically Distant Isolates	Miguel Angel Mercado-Uriostegui, Luis Alberto Castro-Sánchez, Gaber El-Saber Batiha, Uriel Mauricio Valdez-Espinoza, Alfonso Falcón-Neri, Juan Alberto Ramos-Aragon, Ruben Hernández-Ortiz, Shin-Ichiro Kawazu, Ikuo Igarashi y <b>Juan Mosqueda</b>
10	2022	Phatogens	One Health Approach to Identify Research Needs	Agustín Estrada-Peña, Alina Rodríguez Mallón, Sergio

			on <i>Rhipicephalus microplus</i> Ticks in the Americas	Bermúdez, José de la Fuente, Ana Domingos, Mario Pablo Estrada García, Marcelo B. Labruna, Octavio Merino, <b>Juan Mosqueda</b> , Santiago Nava, Ricardo Leonart Cruz, Matías Szabó, Evelina Tarragona y José M. Venzal
11	2022	Microorganisms	Thrombospondin-Related Anonymous Protein (TRAP) Family Expression by <i>Babesia bovis</i> Life Stages within the Mammalian Host and Tick Vector	Hayley E. Masterson, Naomi S. Taus, Wendell C. Johnson, Lowell Kappmeyer, Janaina Capelli-Peixoto, Hala E. Hussein, Michelle R. Mousel, Diego J. Hernandez-Silva, Jacob M. Laughery, <b>Juan Mosqueda</b> y Massaro W. Ueti
12	2022	Frontiers	Development and standardization of a Loop-mediated isothermal amplification (LAMP) test for the detection of <i>Babesia bigemina</i>	Andrea P. Lizarazo-Zuluaga, Bertha I. Carvajal-Gamez, Silvina Wilkowsky, Silvio Cravero, Marcos Trangoni y <b>Juan Mosqueda</b>
13	2022	Animals	Occurrence of <i>Giardia duodenalis</i> in Cats from Queretaro and the Risk to Public Health	Veyna-Salazar, N. P., Cantó-Alarcón, G. J., <b>Olvera-Ramírez, A. M.</b> , Ruiz-López, F. J., Bernal-Reynaga, R., <b>Bárcenas-Reyes, I.</b> , & <b>Durán-Aguilar, M</b>
14	2023	Animals	A Systematic Review on the Role of Wildlife as Carriers and Spreaders of <i>Campylobacter</i> spp	<b>Olvera-Ramírez, A.M.</b> ; McEwan, N.R.; Stanley, K.; Nava-Díaz, R.; <b>Aguilar-Tipacamú, G.</b>
15	2023	Vaccines	Rickettsia Vaccine Candidate pVAX1-OmpB24 Stimulates TCD4+INF-γ+ and TCD8+INF-γ+ Lymphocytes in Autologous Co-Culture of Human Cells	Karla Dzul-Rosado, Luis Donis-Maturano, Juan Arias-León, Jesús Machado-Contreras, Guillermo Valencia-Pacheco, Candi Panti-Balam, Javier Balam-Romero, Angela Ku-González, Gaspar Peniche-Lara, <b>Juan Mosqueda</b> , Oscar E. Zazueta, Cesar Lugo-

				Caballero y Fernando Puerto-Manzano
16	2023	Phatogens	Spherical Body Protein 4 from Babesia bigemina: A Novel Gene That Contains Conserved B-Cell Epitopes and Induces Cross-Reactive Neutralizing Antibodies in Babesia ovata	<b>Juan Mosqueda</b> , Diego Josimar Hernandez-Silva, Massaro W. Ueti, Adolfo Cruz-Reséndiz, Ricardo Marquez-Cervantez, Uriel Mauricio Valdez-Espinoza, Minh-Anh Dang-Trinh, Thu-Thuy Nguyen, Minerva Camacho-Nuez, Miguel Angel Mercado-Uriostegui, <b>Gabriela Aguilar-Tipacamú</b> , Juan Alberto Ramos-Aragon, Ruben Hernandez-Ortiz, Shin-ichiro Kawazu y Ikuo Igarashi
17	2023	Microorganism	Identification and Characterization of Rhipicephalus microplus ATAQ Homolog from Haemaphysalis longicornis Ticks and Its Immunogenic Potential as an Anti-Tick Vaccine Candidate Molecule	Paul Franck Adjou Moumouni, Souichirou Naomasa, Bumduuren Tuvshintulga, Nariko Sato, Kiyoshi Okado, Weiqing Zheng, Seung-Hun Lee, <b>Juan Mosqueda</b> , Hiroshi Suzuki, Xuenan Xuan y Rika Umemiya-Shirafuji
18	2023	Veterinary Parasitology Regional Studies and Reports	Morphological and molecular identification of the brown dog tick in Mexico	Consuelo Almazán, Gilberto Reyes de Luna, Luis Tinoco-Gracia, Vicente Homero González-Álvarez, Zbigniew Zajac, Joanna Kulisz, Aneta Woźniak, Alejandro Cabezas-Cruz, <b>Juan Mosqueda</b>
19	2023	Phatogens	Low Genetic Diversity of the Only Clade of the Tick Rhipicephalus microplus in the Neotropics	Sandra Díaz-Sánchez, Luis M. Hernández-Triana, Marcelo B. Labruna, Octavio Merino, <b>Juan Mosqueda</b> , Santiago Nava, Matias Szabó, Evelina Tarragona, José M. Venzal, José de la Fuente y Agustín Estrada-Peña

20	2023	Microorganism	Aquiluscidin, a Cathelicidin from <i>Crotalus aquilus</i> , and the Vcn-23 Derivative Peptide, Have Anti-Microbial Activity against Gram-Negative and Gram-Positive Bacteria	Edwin Esaú Hernández-Arvizu, Teresa Monserrat Silis-Moreno, José Alejandro García-Arredondo, Angelina Rodríguez-Torres, José Antonio Cervantes-Chávez y <b>Juan Mosqueda</b>
21	2023	Frontiers	Evaluation of the humoral and mucosal immune response of a multiepitope vaccine against COVID-19 in pigs	<b>Juan Mosqueda</b> , Diego Josimar Hernández-Silva, Marco Antonio Vega-López, Lineth J. Vega-Rojas, Rolando Beltrán, Andrés Velasco-Elizondo, María del Carmen Ramírez-Estudillo, Mario Fragoso-Saavedra, Chyntia Pérez-Almeida, Jesús Hernández, Edgar A. Melgoza-González, Diana Hinojosa-Trujillo, Miguel Ángel Mercado-Uriostegui Alma Susana Mejía-López, Carlos Rivera-Ballesteros Y Teresa García-Gasca
22	2024	Frontiers	Development and validation of a novel detection method for <i>Rickettsia rickettsii</i> using a loop-mediated isothermal amplification assay	Bertha I. Carvajal-Gamez, Aída Olguín-Barrera, Luis Tinoco-Gracia, Guadalupe Gordillo-Perez, Karla Dzul-Rosado, <b>Gabriela Aguilar-Tipacamú</b> , Mario Hidalgo-Ruiz y <b>Juan Mosqueda</b>
23	2024	Parasitology	Immunization of cattle with a <i>Rhipicephalus microplus</i> chitinase peptide containing predicted B-cell epitopes reduces tick biological fitness	María Martina Esperanza Perez-Soria, Daniel Gustavo López-Díaz, Rafael Jiménez-Ocampo, <b>Gabriela Aguilar-Tipacamú</b> , Massaro W. Ueti y <b>Juan Mosqueda</b>