

Nombre: Irám Pablo Rodríguez-Sánchez	
Departamento: Subdirección Académica	
Laboratorio: Laboratorio de Fisiología molecular y Estructural	
Los registrado a continuación y los documentos anexos deberán de ser aquellos representativos del año 2014 en adelante.	
SNI: Sí	Categoría: Nivel II (2017-2020)
Perfil PRODEP	No
Publicaciones (Anexo A):	
2020	
<ul style="list-style-type: none"> Gustavo González-Cordero, Belia Inés Garduño-Chávez, Dionisio Palacios-Ríos, Yesenia Nohemí Estrada-Solís, Iram Pablo Rodríguez-Sánchez, Ángel Raymundo Martínez-Ponce-de-León. 2020. Fast-trak extubation in patients after intracranial hematoma surgery. <i>Experimental and Therapeutic Medicine</i>. 19: 2563-2569. https://doi.org/10.3892/etm.2020.8507. Olga Karina Villanueva-Segura, Mayra A. Gómez-Govea, Idalia Garza-Veloz, Rafael González-Alvarez, Diego Carrillo-Gaytán, Eda G. Ramírez-Valles, Margarita L. Martínez-Fierro, Iván Delgado-Enciso, Iram Pablo Rodríguez-Sánchez, Antonio Guzmán-Velasco. 2020. Molecular description of proclotting enzyme: a power tool for insect biological control of <i>Aedes aegypti</i> L. <i>Southwestern Entomologist</i>. 	
2019	
<ul style="list-style-type: none"> Margarita L. Martinez-Fierro, Idalia Garza-Veloz, Maria R. Rocha-Pizaña, Edith Cardenas-Vargas, Miguel A. Cid-Baez, Fabiola Trejo-Vazquez, Virginia Flores-Morales, Gabriela A. Villela-Ramirez, Ivan Delgado-Enciso, Iram P. Rodriguez-Sanchez,; Yolanda Ortiz-Castro. 2019. Serum cytokine, chemokine, and growth factor profiles and their modulation in inflammatory bowel disease. <i>Medicine</i>. 98(38):e17208. doi: 10.1097/MD.00000000000017208. Jesus Davila-Barboza, O. Karina Villanueva-Segura, Gustavo Ponce-Garcia, Beatriz Lopez-Monroy, Iram P. Rodriguez-Sanchez, and Adriana E. Flores. First report of two kdr mutations L1014F/S in natural populations of <i>Triatoma pallidipennis</i> Stal and <i>Triatoma picturata</i> Usinger vectors of Chagas disease in Mexico. <i>Journal of Vector Ecology</i> December 2019, Vol. 44, no.2. https://doi.org/10.1111/jvec.12361 David A. Soriano-Hernandez, Jessica C. Romero-Michel, Raymundo Velasco-Rodriguez, Martha A. Mendoza-Hernandez, Xochitl G. Briseño-Gomez, Nereida Martinez-Escamilla, Jesus E. Mojarro-Iglesias, Iram P. Rodriguez-Sanchez, Jose Guzman-Esquivel, Margarita L. Martinez-Fierro, Gabriel Ceja-Espiritu, Mario Del Toro-Equihua, Carlos E. Barajas-Saucedo, Osiris G. Delgado-Enciso, Agustín Lara-Esqueda, Viridiana Muñoz-Ramirez, Ivan Delgado-Enciso. The automobile as a sexual enhancer: how having a car affects the sexual behavior of emerging 	

adults that are university students. September 2019 Sexuality Research and Social Policy: Journal of NSRC. DOI: 10.1007/s13178-019-00403-2.

- María de Lourdes Ramírez-Ahuja, Mayra A. Gómez-Govea, Angel Lugo-Trampe, Gissela Borrego-Soto, Iván Delgado-Enciso, Gustavo Ponce-Garcia, Margarita L. Martínez-Fierro, Eda G. Ramírez-Valles, Víctor Treviño, Adriana E. Flores-Suarez, **Iram P. Rodríguez-Sanchez**. Microbiota of *Telenomus tridentatus* (Platygastroidea: Scelionidae): An unwanted parasitoid. *J Appl Entomol.* 2019; 00:1–8. <https://doi.org/10.1111/jen.12656>.
- J. Davila-Barboza, OK Villanueva-Segura, B. Lopez-Monroy, G. Ponce-Garcia, C. Bobadilla-Utrera, M. Montes-Rincon, ZJ Molina-Garza, JI Arredondo-Jimenez, **IP Rodriguez-Sanchez**, PC Manrique-Saide, AE Flores. 2019. Novel Kdr mutations (K964R and A943V) in pyrethroid-resistant populations of *Triatoma mazzottii* and *Triatoma longipennis* from Mexico and detoxifying enzymes. *Insect Sci.* 26(5):809-820. doi: 10.1111/1744-7917.12594.
- ML Garza-Rodríguez, R González-Álvarez, RE Mendoza Alfaro, DC Pérez-Ibave, AA Perez-Maya, M Luna-Muñoz, K Mohamed-Noriega, C Arámburo-De-La-Hoz, CJ Aguilera González, **Rodriguez Sanchez IP**. 2019. Olfactomedin-like 2 A and B (OLFML2A and OLFML2B) profile expression in the retina of spotted gar (*Lepisosteus oculatus*) and bioinformatics mining. *Fish Physiol Biochem.* doi: 10.1007/s10695-019-00647-0.
- ML Martinez-Fierro, JG Carrillo-Arriaga, M Luevano, A Lugo-Trampe, I Delgado-Enciso, **IP Rodriguez-Sanchez**, I Garza-Veloz. 2019. Serum levels of miR-628-3p and miR-628-5p during the early pregnancy are increased in women who subsequently develop preeclampsia. *Pregnancy Hypertens.* 16:120-125. doi: 10.1016/j.pregphy.2019.03.012.
- María de Lourdes Ramírez-Ahuja, Alejandro González-Hernández, J. Isabel López-Arroyo, **Irám P. Rodríguez-Sánchez**. Hymenoptera Parasitoids associated with Stink Bugs (Heteroptera: Pentatomidae) in Mexico. *Southwestern Entomologist*, 44(1):35-49 (2019). <https://doi.org/10.3958/059.044.0104>.
- Claudia Castruita-De la Rosa, Idalia Garza-Veloz, Ivan Delgado-Enciso, Juan C. Olivas-Chavez, Edith Cardenas-Vargas, **Iram Pablo Rodriguez-Sanchez**, Ali Francisco Citalan-Madrid, Vicente Ortega-Cisneros, Jose Isaias Badillo-Almaraz, Perla Maria Trejo-Ortiz, Roxana Araujo-Espino, Arturo Araujo-Conejo, Jose de Jesus Jaime-Guzman, Margarita L. Martinez-Fierro. 2019. Spontaneous abortion is preceded by an altered serum concentration of matrix metalloproteinases. *The Journal of Maternal-Fetal & Neonatal Medicine*, DOI: 10.1080/14767058.2019.1597046.
- Ivan Delgado-Enciso, Jose Valtierra-Alvarez, Juan Paz-Garcia, Jorge Preciado-Ramirez, Alejandro D. Soriano-Hernandez, Martha A. Mendoza-Hernandez, Jose Guzman-Esquivel, Ariana Cabrera-Licona, Josuel Delgado-Enciso, Jose L. Cortes-Bazan, **Iram P. Rodriguez-Sanchez**, Margarita L. Martinez-Fierro, Ana O. Cabrera-Medina, Carlos E. Barajas-Saucedo, Brenda Paz-Michel. 2019. Patient-reported health outcomes for severe knee osteoarthritis

after conservative treatment with an intra-articular cell-free formulation for articular cartilage regeneration combined with usual medical care vs. usual medical care alone: A randomized controlled trial. *Experimental and therapeutic medicine*. DOI: 10.3892/etm.2019.7384.

- Daniel A. Montes-Galindo, Ana C. Espiritu-Mojarro, Valery Melnikov, Norma Moy-Lopez, Alejandro D. Soriano-Hernandez, Hector R. Galvan-Salazar, Jorge Guzman-Muñiz, Jose Guzman-Esquivel, Margarita L. Martinez-Fierro, **Iram P. Rodriguez-Sanchez**, Brenda Paz-Michel, Sergio A. Zaizar-Fregoso, Carmen A. Sanchez-Ramirez, Mario Ramirez-Flores, Ivan Delgado-Enciso. 2019. Adenovirus 5 produces obesity and adverse metabolic, morphologic, and functional changes in the long term in animals fed a balanced diet or a high-fat diet: A study on hamsters. ARVI-D-18-00745R1.
- DC Pérez-Ibave, ML Garza-Rodríguez, AA Pérez-Maya, **IP Rodríguez-Sánchez**, M Luna-Muñoz, CG Martínez-Moreno, C Arámburo-de la Hoz, J Mohamed-Noriega, K Mohamed-Noriega, J Mohamed-Hamsho, VM Bautista-De Lucío, HA Barrera-Saldaña. 2019. Expression of growth hormone and growth hormone receptor genes in human eye tissues. *Exp Eye Res*. 2019 Jan 8. pii: S0014-4835(18)30689-4. doi: 10.1016/j.exer.2019.01.011.

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2018

- Maria De Lourdes Ramirez-Ahuja, **Iram P. Rodriguez-Sanchez**, Jorge M. Gonzalez. 2018. *Melittobia australica girault* (hymenoptera: eulophidae) parasitizing *sceliphron caementarium* (drury) (hymenoptera: sphecidae) in Veracruz, Mexico. *Entomologica americana* 124(2):000–000.
- Ivan Delgado Enciso, Juan Paz Garcia, Jose Valtierra Alvarez, Jorge Preciado Ramirez, Roman Almeida Trinidad, Jose Guzman Esquivel, Martha A. Mendoza Hernandez, Alberto Garcia Vega, Alejandro D. Soriano Hernandez, Jose L. Cortes Bazan, Hector R. Galvan Salazar, Ariana Cabrera Licon, **Iram P. Rodriguez Sanchez**, Margarita L. Martinez Fierro, Josuel Delgado Enciso, Brenda Paz Michel. 2018. A phase I–II controlled randomized trial using a promising novel cell free formulation for articular cartilage regeneration as treatment of severe osteoarthritis of the knee. *Eur J Med Res*. 23:52. doi.org/10.1186/s40001-018-0349-2.
- Mayra A. Gómez-Govea, Yamili Contreras-Perera, Diana Cristina Pérez-Ibave, Rafael González-Alvarez, María de Lourdes Garza-Rodríguez, Margarita de la Luz Martínez Fierro, Laura E. Martínez de Villarreal, Iván Delgado-Enciso, Adriana E. Flores-Suárez, Eugenia Cisneros Gutierrez, Gabriela González Olvera, Jorge Alberto Martínez Davila, Idalia Garza Veloz, Norma Cruz-Fierro, Gustavo Ponce-García, Olga Karina Villanueva-Segura, **Irám Pablo Rodriguez-Sanchez**. 2018. Identification of four isoforms of Esterase-5A from *Culex quinquefasciatus* Say. *Southwestern Entomologist*. *Southwestern Entomologist* 43(1):91-107. doi.org/10.3958/059.043.0127.

- Daniel R. Saldaña-Torres, Martha P. López-Rodríguez, Gerardo J. Trujillo-Rodríguez, Olga K. Villanueva-Segura, Gustavo Ponce-Garcia, Rafael González-Alvarez, Iván Delgado-Enciso, Margarita L. Martínez-Fierro, Laura E. Martínez-De-Villarreal, Raquel Garza-Guajardo, Oralia Barboza-Quintana, Adriana E. Flores-Suárez, **Iram P. Rodríguez-Sánchez**. 2018. Genomic mining, evolution analysis and structural characterization of the Sepik virus. *Southwestern Entomologist*. *Southwestern Entomologist* 43(1):109-114. doi.org/10.3958/059.043.0128.
- DC Pérez-Ibave, IP **Rodríguez-Sánchez**, ML Garza-Rodríguez, AA Pérez-Maya, M Luna M, C Arámburo, A Tsin, G Perry, K Mohamed-Noriega, J Mohamed-Noriega, HC Adame, JM Hamsho, HA Barrera-Saldaña. 2018. Expression of growth hormone in the baboon eye. *Exp Eye Res*. Doi: 10.1016/j.exer.2018.01.002.
- Ponce-García Gustavo, Adriana E. Flores-Suarez, Karina Villanueva-Segura, Martha Lopez-Rodriguez, Felipe Dzul, Pedro César Cantú-Martínez, Beatriz-Lopez-Monroy, **Iram Rodriguez-Sanchez**. 2018. Report of Chikungunya Virus in Wild Populations of *Aedes aegypti* from San Marcos, Guerrero, Mexico. *Journal of Medical Entomology*, JME-2017-0031.

2017

- Margarita L Martínez-Fierro, Idalia Garza-Veloz, Cristina Gutierrez-Arteaga, Ivan Delgado-Enciso, Olga Y Barbosa-Cisneros, Virginia Flores-Morales, Gloria P Hernandez-Delgadillo, Maria R Rocha-Pizaña, **Iram P Rodriguez-Sanchez**, Jose I Badillo-Almaraz, Jose M Ortiz-Rodriguez, Rodrigo Castañeda-Miranda, Luis O Solis-Sanchez, Yolanda Ortiz-Castro. 2017. Circulating levels of members of chromosome 19 microRNA cluster and their association with preeclampsia development. *Archives of Gynecology and Obstetrics*. *Archives of Gynecology and Obstetrics*. Arch Gynecol Obstet. 2017 Dec 1. Doi: 10.1007/s00404-017-4611-6.
- Ivan Delgado-Enciso, Brenda Paz-Michel, Valery Melnikov, Jose Guzman-Esquivel, Francisco Espinoza-Gomez, Alejandro D. Soriano-Hernandez, **Iram P. Rodriguez-Sanchez**, Margarita L. Martínez-Fierro, Gabriel Ceja-Espiritu, Bertha A. Olmedo-Buenrostro, Hector R. Galvan-Salazar, Osiris G. Delgado-Enciso, Josuel Delgado-Enciso, Uriel A. Lopez-Lemus, Daniel A. Montes-Galindo. 2017. Smoking and female sex as key risk factors associated with severe arthralgia in acute and chronic phases of Chikungunya virus infection. *Experimental and Therapeutic Medicine*. Doi: 10.3892/etm.2017.5668.
- Leslie Alvarez; Arelis Briceño; Gustavo Ponce; Beatriz Lopez; O. Karina Villanueva-Segura; Selene Gutierrez-Rodriguez; Yamili Contreras-Perera; Jesús Davila-Barboza; **Iram Rodriguez-Sanchez**; Adriana Flores. 2017. Assessing the effect of selection with deltamethrin on biological parameters and detoxifying enzymes in *Aedes aegypti* (L.). *Pest Manag Sci*.
- Gustavo Ponce-Garcia, Karina Villanueva-Segura, Gerardo Trujillo-Rodriguez, **Iram P. Rodriguez-Sanchez**, Beatriz Lopez-Monroy, Adriana E. Flores. 2017. First

detection of the kdr mutation T929I in head lice in school children in the metropolitan areas of Nuevo Leon and Yucatan, Mexico. *J Med Entomol*.

- Abdiel Martin-Park, Mayra A. Gomez-Govea, Beatriz Lopez-Monroy, Víctor Manuel Treviño-Alvarado, María del Rosario Torres-Sepúlveda, Graciela Areli López-Uriarte, Olga Karina Villanueva-Segura, María del Consuelo Ruiz-Herrera, Margarita de la Luz Martínez-Fierro, Ivan Delgado-Enciso, Adriana E. Flores-Suárez, Gregory S. White, Laura E. Martínez de Villarreal, Gustavo Ponce-Garcia, William C. Black IV, **Irám Pablo Rodríguez-Sánchez**. 2017. Amino acids and acylcarnitines profile related with insecticide resistance in *Culex quinquefasciatus* (Say). *PLoS One*. 12(1): e0169514.

2016

- O. Karina Villanueva, Gustavo Ponce, Beatriz Lopez, Selene M. Gutierrez, **Iram P. Rodríguez**, Guadalupe Reyes, Karla J. Saavedra, William C. Black Iv, Julian Garcia, Barry Beaty, Lars Eisen, Adriana E. Flores. 2016. Effect of photoperiod on permethrin resistance in *Aedes aegypti*. *J Am Mosq Control Assoc*. 32(4):308-314.
- **Irám Pablo Rodríguez-Sánchez**, Stephania Suárez-Caro, Fernando Rivas-Solís, Iván Delgado-Enciso, María Marisela Sánchez-Chaparro, Mayra Alejandra Gómez-Govea, Laura Elia Martínez-de-Villarreal, Laura L. Valdez-Velazquez. 2016. Association of the Polymorphism 12109G>A from the REN Gene as a Risk Factor for Preterm Birth. *J Renin Angiotensin Aldosterone Syst*. 17(4):1470320316678159.
- Diana Cristina Pérez-Ibave, Rafael González-Alvarez, Margarita de La Luz Martínez-Fierro, Gabriel Ruiz-Ayma, Maricela Luna-Muñoz, Laura Elia Martínez-De-Villarreal, María De Lourdes Garza-Rodríguez, Diana Reséndez-Pérez, Jibrán Mohamed-Noriega, Raquel Garza-Guajardo, Víctor Manuel Bautista De Lucío, Karim Mohamed-Noriega, Oralia Barboza-Quintana, Carlos Arámburo-De-La-Hoz, Hugo Alberto Barrera-Saldaña, **Irám Pablo Rodríguez-Sánchez**. Olfactomedin-like 2 A and B (OLFML2A and OLFML2B) expression profile in primates (human and baboon). *Biol Res*. 49(1):44.
- **Irám Pablo Rodriguez-Sanchez**, Josee Guindon, Marco Ruiz, Maria E Tejero, Laura E Martínez-De Villarreal, Hugo A Barrera-Saldaña, Edward Dick Jr, Anthony G Mmuzzie, Natalia Schlabritz-Loutsevitch. 2016. The Endocannabinoid System in The Baboon (Papio SPP) Framework for Pharmacological Studies. *Neurotoxicol Teratol*. S0892-0362(16)30062-9.
- Gabriel Ruiz-Aymá, Omar Eduardo Tovar-Herrera, Rafael González-Alvarez, Olga Karina Villanueva-Segura, Mayra A. Gómez-Govea, Oscar Raúl Fajardo-Ramirez, Michelle de Jesús Zamudio-Osuna, Laura Elia Martínez-de-Villarreal, Carlos Andrés Urbina Córdova, Raquel Garza-Guajardo, Gustavo Ponce-Garcia, Oralia Barboza-Quintana, Adriana Elizabeth Flores-Suarez, **Irám Pablo Rodríguez-Sánchez**. 2016. Mining the Alkhumra hemorrhagic fever virus genomes at 2015. *Southwestern Entomologist* 41(1):87-97.

- G Ponce, **IP Sanchez**, SM García, JM Torrado, S Lozano-Fuentes, B Lopez-Monroy, AE Flores. First report of L1014F kdr mutation in *Culex quinquefasciatus* in Mexico. *Insect Sci.* 2016 Dec; 23(6):829-834.

2015

- **IP Rodríguez-Sánchez**, VM Treviño-Alvarado, M del R Torres-Sepúlveda, LA López-Saldaña, G Ponce-García, GA López-Urriarte, M del C Ruiz-Herrera, DE Zamora-Ávila, JZ Villarreal-Pérez, G Dávalos-Aranda, LE Martínez-de-Villarreal. 2015. Reference Values for Amino Acids and Acylcarnitines in Peripheral Blood in Quarter Horses and American Miniature Horses. *Acta Vet Scand.* 57:62.
- Mari²a Marisela Sa²nchez-Chaparro, **Iram Pablo Rodríguez-Sánchez**, Hugo A. Barrera-Saldan²a, Laura E. Marti²nez-de-Villarreal, Diana Resendez-Pe²rez, Idalia Anal² Ga²mez-Escobedo. 2015. MicroRNAs and their Neuroimmunoregulator Mechanisms in Multiple Sclerosis. *Development of Biomarkers for Diagnosis. Revista de Neurología. Rev Neurol.* 60(12)562,71.
- Rafael González-Alvarez, María de Lourdes Garza-Rodríguez, Iván Delgado-Enciso, Víctor M Treviño-Alvarado, Laura E Martínez-De-Villarreal, Ricardo Canales-Del-Castillo, Ángel Lugo-Trampe, María E Tejero, Natalia E Schlabritz-Loutsevitch, María Del Refugio Rocha-Pizaña, Shelley A Cole, Diana Reséndez-Pérez, Mario Moises-Alvarez, Anthony G Comuzzie, Hugo A Barrera-Saldaña, Raquel Garza-Guajardo, Oralia Barboza-Quintana and **Irám P Rodríguez-Sánchez**. 2015. Molecular evolution and expression profile of the chemerine encoding gene RARRES2 in baboon and chimpanzee. *Biol Res.* 48:31.
- Sofía Bernal-Silva, Olga Karina Villanueva-Segura, Ángel Lugo-Trampe, Karina del Carmen Trujillo-Murillo, Gustavo Ponce-García, Susana Favela-Lara, Ivan Delgado-Enciso, Laura E Martínez-de-Villarreal, Raquel Garza-Guajardo, Oralia Barboza-Quintana, Rafael González-Alvarez, Adriana E Flores-Suarez, **Irám Pablo Rodríguez-Sánchez**. 2015. PCR-RFLP for Identification of Bluetongue Virus Serotypes. *Southwestern Entomologist* 40(1):25-36.
- **Irám Pablo Rodriguez-Sanchez**, Olga Karina Villanueva-Segura, Rafael Gonzalez-Alvarez, Adriana Elizabeth Flores-Suarez, María de Lourdes Garza-Rodriguez, Iván Delgado-Enciso, Laura Elia Martinez-de-Villarreal, Ricardo Canales del Castillo, Susana Favela-Lara, Raquel Garza-Guajardo, Ángel Lugo-Trampe, Karina del Carmen Trujillo-Murillo, Oralia Barboza-Quintana, José Ignacio Gonzalez-Rojas, Hugo Alberto Barrera-Saldaña, Gustavo Ponce-Garcla. 2015. Molecular Cloning and Characterization of the Circadian Clock Timeless Gene in *Culex quinquefasciatus* Say (Diptera: Culicidae). *Southwestern Entomologist* 40(1):53-70.

2014

- Jesús Zacarías Villarreal-Pérez, Jesús Zacarías Villarreal-Martínez, Fernando Javier Lavalle-González, María del Rosario Torres-Sepúlveda, Consuelo Ruiz-Herrera,

Ricardo Martín Cerda-Flores, Erick Rubén Castillo-García, **Iram Pablo Rodríguez-Sánchez**, Laura Elia Martínez de Villarreal. 2014. Plasma and urine metabolic profiles are reflective of altered beta-oxidation in non-diabetic obese subjects and patients with type 2 diabetes mellitus. *Diabetology & Metabolic Syndrome*. 6: 129. <https://doi.org/10.1186/1758-5996-6-129>.

- **Iram Pablo Rodriguez-Sanchez**, Beatriz López-Monroy, Olga K. Villanueva-Segura, Areli López-Uriarte, Adrián Varela-Echavarría, María de Lourdes Garza Rodríguez, Laura Elia Martínez-de-Villarreal, Iván Delgado-Enciso, Raquel Garza-Guajardo, Oralia Barboza-Quintana, Adriana E. Flores-Suarez, Hugo Alberto Barrera-Saldaña and Gustavo Ponce-Garcia. 2014. Design of a Molecular Tool for Identification of Entomological Species with Forensic Importance. *Southwestern Entomologist* 39(4):663-674.
- Beatriz Lopez, Gustavo Ponce, Jessica A. Gonzalez, Selene M. Gutierrez, Olga K. Villanueva, Gabriela Gonzalez, Cristina Bobadilla, **Iram P. Rodriguez**, William C. Black IV, Adriana E. Flores. 2014. Susceptibility to Chlorpyrifos in Pyrethroid-Resistant Populations of *Aedes aegypti* (Diptera: Culicidae) From Mexico. *J Med Entomol*. 51(3):644-9.
- Akinyemi I. Ojesina, Lee Lichtenstein, Samuel S. Freeman, Chandra Sekhar Pedamallu, Lauren Ambrogio, Kristian Cibulskis, Bjørn Bertelsen, Ivan Imaz, Victor Treviño, Karla Vazquez-Santillan, Alberto Salido Guadarrama, Sandra Romero-Cordoba, Alexi A. Wright, Fujiko Duke, Bethany Kaplan, Trevor J. Pugh, Scott L. Carter, Aaron McKenna, Chip Stewart, **Iram P. Rodriguez-Sanchez**, Magali Espinosa-Castilla, Kathrine Woie, Line Bjorge, Elisabeth Wik, Mari K. Halle, Erling A. Hoivik, Camilla Krakstad, Nayeli Belem Gabin, Gabriela Gómez Macías, Mariela Lourdes Garza Rodríguez, German Maytorena, Jorge Vazquez, Carlos Rodea, Adrian Cravioto, Maria L. Cortes, Heidi Greulich, Christopher P. Crum, Alfredo Hidalgo-Miranda, Claudia Rangel Escareno, Lars A. Akslen, Hugo A. Barrera-Saldana, Jorge Melendez-Zajgla, Gad Getz, Helga B. Salvesen, Matthew Meyerson. 2014. Landscape of Genomic Alterations in Cervical Carcinomas. *Nature*. ISSN: 0028-0836. *Nature*. 506(7488):371-5.

Capítulos de libros (Anexo B):

2018

- María E Castañeda-López, Idalia Garza-Veloz, José Manuel Ortiz-Rodríguez, Rodrigo Castañeda-Miranda, Luis Octavio Solis-Sanchez, Héctor Rene Vega-Carrillo, Maria Del Rosario Martinez-Blanco, Fabiola Trejo-Vazquez, **Iram Pablo Rodriguez-Sanchez**, Iván Delgado-Enciso, Oscar Gustavo Meza-Zavala, Margarita L Martinez-Fierro. Chapter 13 Animal models of rheumatoid arthritis. *Animal Models for Human Diseases*. ISBN: 978-953-51-5440-2. Doi: <http://dx.doi.org/10.5772/intechopen.72554>.

2016

- Adriana E. Flores-Saurez, Gustavo Ponce-Garcia, Beatriz Lopez-Monroy, Olga Karina Villanueva-Segura, Irám Pablo Rodríguez Sánchez, Juan Ignacio Arredondo-Jimenez and Pablo Manrique-Saide. 2016. Chapter 6 Current Status of the Insecticide Resistance in *Aedes aegypti* (Diptera: Culicidae) from Mexico ISBN 978-953-51-4591-2. Doi: 10.5772/61526.

2014

- María Elizabeth Tejero-Barrera, Irám Pablo Rodríguez-Sánchez, Hugo Alberto Barrera-Saldaña. 2014. Chapter 10: Nonhuman primates used for research of obesity and related metabolic diseases: The baboon as a model. In: Monkeys. Editor: Hugo A. Barrera Saldaña. NOVA Science Publishers, Inc. ISBN: 978-1-63117-851-1.

Proyectos (Anexo C):

2019

- Caracterización de comunidades bacterianas presentes en *Ae. aegypti* y su relación con la tolerancia a insecticidas. PAICYT/UANL 2019.

Patentes (Anexo D):

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Tesis Licenciatura (Anexo E):

2019

- Identificación de miRNAs de *Aedes aegypti* (Linnaeus, 1762) conservados en organismos de la clase Insecta. Licenciado en Biotecnología Genómica. Facultad de Ciencias Biológicas. Universidad Autónoma de Nuevo León. Daniel Rafael Saldaña Torres. Dirección. 12 septiembre 2019.

2017

- Transmisión vertical del virus chikungunya en *Aedes aegypti* en San Marcos, Guerrero, México. Químico Bacteriólogo Parasitólogo. Facultad de Ciencias Biológicas. Universidad Autónoma de Nuevo León. Esteban de Jesús Mora Jasso. Asesor externo. 18 octubre 2017.

Tesis Posgrado (Anexo F):

2016

- Prevalencia, mecanismo de resistencia a insecticidas y factores asociados a pediculosis (Capitis) en niños de edad escolar en los estados de Yucatán y Nuevo León, México. Maestría en Ciencias con Especialidad en Entomología Médica. Facultad de Ciencias Biológicas. Universidad Autónoma de Nuevo León. Q.B.P. Gerardo de Jesús Trujillo Rodríguez. Co-director. 6 de diciembre de 2016.
- Enfermedades zoonóticas en muestras negativas a dengue en el estado de Nuevo León, México. Maestría en Ciencias con Especialidad en Entomología Médica. Facultad de Ciencias Biológicas. Universidad Autónoma de Nuevo León. Q.B.P. Martha Patricia López Rodríguez. Co-director. 6 de diciembre de 2016.

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