Presentations Supported by COBRE between 2013-2022 (425)

1- Delgado-Vélez, M., Báez-Pagán, C., Santiago-Perez, L.I., Ballester, L.Y., Quesada, O., Gerena-Lopez, Y., Wojna, V., Lasalde-Dominicci, J., HIV-1 gp120 confers a pro-inflammatory phenotype to macrophages change the role of the alpha7 acetylcholine receptor. Experimental Biology 2013 Conference, Boston Convention & Exhibition Center, San Juan, PR, April 20-24, 2013.

2- Delgado-Vélez, M., Báez-Pagán, C., Santiago-Perez, L.I., Ballester, L.Y., Quesada, O., Gerena-Lopez, Y., Wojna, V., Lasalde-Dominicci, J., Disruption of the cholinergic anti-inflammatory response in the HIV context. Society for NeuroImmune Pharmacology 19th Scientific Conference, Conrad Hotel, San Juan, PR, April 3-6, 2013.

3- Delgado-Vélez, M., Báez-Pagán, C.A., Gerena, Y., Quesada, O., Santiago-Pérez, L., Wojna, V., Melendez, L., Silva, W., Lasalde-Dominicci, J., Disruption of the cholinergic anti-inflammatory response in immune cells by HIV-1 gp120. 9th RISE Area Conference, Carolina, Puerto Rico, March 22, 2013.

4- Fernández, Ricardo J.; González, Carol; Quesada, Orestes; Possible Mechanism of Lys49 Phospholipase A2 induced Myotoxicity in C2C12 Differentiated Myoblasts, University of Puerto Rico Río Piedras; 9th RISE Area Conference in San Juan, PR; March 2013.

5- González-Nieves, Joel, Morales-Guzman, Christian., Lugo-Bendezú, Adrián., Asmar-Rivera, Guillermo., Raymond Stevens., Quesada-González, Orestes., Lasalde-Dominicci, José. Expression and Purification of the extracellular domain of the human alpha 7 nAChR using Pichia pastoris, for structural studies. 33nd Puerto Rico Interdisciplinary Scientific Meeting 48th Junior Technical Meeting, University of Turabo in Caguas, March 2013.

6- Holder-Viera, M., Aponte-Santiago, N.A., Avilés-Pagán, E., and Lasalde-Dominicci, J.A., and Báez-Pagán, C.A., Potential implications of human alpha7 nicotinic acetylcholine receptor genetic variants to the pathogenesis and treatment of HIV-associated neurocognitive disorders. Experimental Biology 2013 Conference, Boston Convention & Exhibition Center, San Juan, PR, April 20-24, 2013.

7- Luis F Padilla-Morales, Pamela De La Cruz-Rivera, Claudio Morales-Perez, Carlos Báez-Pagán, Orestes Quesada-Gonzales, and Jose Lasalde-Dominicci. Lipidic Cubic Phase Mobility and Functionality of Detergent Solubilized Nicotinic Acetylcholine Receptor from Torpedo californica. RISE Area Conference, San Juan PR, March 22, 2013.

8- Serrano-Rodriguez, Genesis; Del Hoyo -Natalie; Baez-Pagan, Carlos; Quesada, Orestes and Lasalde-Dominicci, Jose. Modulation of the Nicotinic Acetylcholine Receptor Function By Cholesterol. 33th Annual Forum of Investigation and Education. San Juan, PR., March 13-15, 2013.

9- Serrano-Rodriguez, Genesis; Del Hoyo -Natalie; Baez-Pagan, Carlos; Quesada, Orestes and Lasalde-Dominicci, Jose. Modulation of the Nicotinic Acetylcholine Receptor Function By Cholesterol. 9th RISE Area Conference, Carolina, PR., March 22, 2013

10- Serrano-Rodriguez, Genesis; Del Hoyo -Natalie; Baez-Pagan, Carlos; Quesada, Orestes and Lasalde-Dominicci, Jose. Modulation of the Nicotinic Acetylcholine Receptor Function By Cholesterol. 1st Emory Research and Career Symposium. Atlanta, GA., April 3-5, 2013

11- Yan-Huang, J.K., Grajales-Reyes, J.G., Quesada, O., and Lasalde-Dominicci J.A. Caveolin-1's role on the neuromuscular junction of ?C418W SCCMS mice. Abstract LB831.Experimental Biology. Boston, MA. April 20-24, 2013.

12- Capó-Vélez, C.M., Morales, B., Lasalde-Dominicci, J.A., “Upregulation of the α7-nicotinic acetylcholine receptor in a transgenic mouse model that expresses the HIV-1 coat protein gp120”, Lilly Academy Technical Forum, San Juan, Puerto Rico, March 28, 2014.

13- Capó-Vélez, C.M., Morales, B., Melendez, R., Lasalde-Dominicci, J.A., “Upregulation of the α7-nicotinic acetylcholine receptor in a transgenic mouse model that expresses the HIV-1 coat protein gp120”, RISE Area Conference, San Juan, Puerto Rico, March 14, 2014.

14- Delgado-Vélez, M., Báez-Pagán, C.A., Gerena, Y., Quesada, O., Santiago-Pérez, L., Wojna, V., Melendez, L., Silva, W., Lasalde-Dominicci, J., HIV-1 gp120 confers a pro-inflammatory phenotype to macrophages changing the role of the alpha7 acetylcholine receptor. Experimental Biology, Boston, MA, April 20-24, 2013.
15- Delgado-Vélez, M., Báez-Pagán, C.A., Gerena, Y., Quesada, O., Santiago-Pérez, L., Wojna, V., Melendez, L., Silva, W., Lasalde-Dominicci, J. HIV-1 gp120 alters the anti-inflammatory phenotype of macrophages. 10th RISE Area Conference, San Juan, PR, March 15, 2014.
16- Delgado-Vélez, M., Báez-Pagán, C.A., Gerena, Y., Quesada, O., Santiago-Pérez, L., Wojna, V., Melendez, L., Silva, W., Lasalde-Dominicci, J. The cholinergic anti-inflammatory response in HIV context. The Lilly Academy, San Juan, PR, March 28, 2014.
17- Gonzalez-Nieves, J.E., Padilla-Morales, L.F., Colon-Saez, J.O., Acevedo, J., Rosado, I.D., Y Quesada, O., and Lasalde-Dominicci J.A. Effect of lipid analogue detergent on the solubilization of the nicotinic Acetylcholine Receptor (nAChR): Analysis of functionality in Xenopus laevis oocytes and stability on Lipidic Cubic Phase (LCP). 10th Annual Rise Conference Symposium on Current Development in Protein-Protein Interaction. March 15, 2014, Carolina, PR.
18- Joel E. González-Nieves1, Luis F. Padilla-Morales2, José O. Colon-Sáez, Jesús A. Acevedo1, Irvin D. Rosado1, Orestes Quesada-González3 and José A. Lasalde Dominicci1 Effect of lipid analogue detergent on the solubilization of the nicotinic Acetylcholine Receptor (nAChR): Analysis of functionality in Xenopus laevis oocytes and stability on Lipidic Cubic Phase (LCP)Subjects. 49th ACS Junior Technical Meeting 34th Puerto Rico Interdisciplinary Scientific Meeting (PRISM). March 29, 2014 UPR-Cayey, PR.
19- León Rivera, Rosiris; Coelho, Carolina; Casadevall, Arturo. (2013) Phagocytosis of Cryptococcus neoformans by Murine Macrophages. Poster presentation. Final Presentations of SURP Program of Albert Einstein College of Medicine 2013. August 2013. New York City, New York.
20- León Rivera, Rosiris; Coelho, Carolina; Esteânia Martins, Luis R. Martínez, Casadevall, Arturo. (2013) Phagocytosis of Cryptococcus neoformans by Murine Macrophages. Oral presentation. Final Presentations of SURP Program of Albert Einstein College of Medicine 2013. July 2013. New York City, New York.
21- León Rivera, Rosiris; Delgado-Vélez, Manuel; Báez, Carlos A.; Quesada, Orestes; Lasalde-Dominicci, José. (2013) Calcium mobilization studies of the HIV gp120 induced up-regulation of alpha 7 nicotinic acetylcholine receptor in macrophages. Oral presentation. Segundo Encuentro Subgraduado de Investigación y Creación 2014. April 2014. San Juan, Puerto Rico.
22- León Rivera, Rosiris; Delgado-Vélez, Manuel; Báez, Carlos A.; Quesada, Orestes; Lasalde-Dominicci, José. (2013) HIV gp120 induced up-regulation of alpha 7 nicotinic acetylcholine receptor in macrophages: a calcium mobilization study. Oral presentation. Annual Biomedical Research Conference for Minority Students 2013. November 2013. Nashville, Tennessee.
23- León Rivera, Rosiris; Delgado-Vélez, Manuel; Báez, Carlos A.; Quesada, Orestes; Lasalde-Dominicci, José. (2013) HIV gp120 induced up-regulation of alpha 7 nicotinic acetylcholine receptor in macrophages causes a change in calcium mobilizations. Oral presentation. First Puerto Rico Cell Signaling Scientific Meeting 2013. November 2013. San Juan, Puerto Rico.
24- Luis F. Padilla, Joel E González, Claudia Lanauze, Neikelín Burgos, Nelimar Cruz, José O. Colón, Carlos A Báez, Orestes Quesada, José A. Lasalde. ProgresiProgresive analysis of nAChR stability in the lipidic cubic phase: nAChR detergent solubilization and fractional mobility. February 17, 2014, San Francisco, CA.
25- Luis F. Padilla, Joel E González, Claudia Lanauze, Neikelín Burgos, Nelimar Cruz, José O. Colón, Carlos A Báez, Orestes Quesada, José A. Lasalde. Long-term mobility and stability analysis of detergent purified nAChR inserted on lipidic cubic phase. Rise Area Conference March 15, 2014, Carolina, PR.

26- Luis F. Padilla, Joel E González, Claudia Lanauze, Neikelín Burgos, Nelimar Cruz, José O. Colón, Carlos A Báez, Orestes Quesada, José A. Lasalde. Long-term mobility and stability analysis of detergent purified nAChR inserted on lipidic cubic phase. March 15, 2014, Carolina, PR.
27- Sonnieliz Cotto-Ríos1, Orestes Quesada3, José A. Lasalde-Dominicci. Effects of HIV-1 gp120 pre incubation in Jak-STAT anti-inflammatory pathway activation in human derived macrophages (MDM's): A possible HIV-1 mechanism for cholinergic anti-inflammatory response (CAP) disruption. Abstract #0410th RISE Area Conference. March 15, San Juan, Puerto Rico.
28- Gonzalez Joel, Padilla-Morales, L.F., Colon J.O., Acevedo J.A., Rosado I. Quesada, O. and Lasalde-Dominicci, J.A., Assesment of the functionality and stability of detergent purified nAChR from Torpedo californica. Biophysical Society 59th Annual Meeting Late abstract L3377-pos page 12. February 7, 2015, Baltimore MD
29- De Jesus, L.M., Aponte, L., Holder-Viera, M., Colon J.O., Lasalde-Dominicci and Baez-Pagan, C. Electrophysiological Characterization of alpha7 acetylcholine receptors genetic variants and their interactions with partial duplication Dupalpha7 Biophysical Society 59th Annual Meeting Late abstract L3559-pos page 12. February 7, 2015, Baltimore MD
30- Báez-Cruz, Faviolla A.; Quesada, Orestes; González, Carol. (2014) Possible Mechanism of Action of the Myotoxic phospholipase A2 from Agkistrodon piscivorus piscivorus. Poster Presentation. Annual Biomedical Research Conference for Minority Students 2014. November 2014. San Antonio, Texas.
31- Báez-Cruz, Faviolla A.; Quesada, Orestes; González, Carol. Possible Roll of Ion-Gate Channel in the Mechanism of Action of the Myotoxic Phospholipase A2. Oral Presentation. 2015 JRTech/PRISM Meeting. March 2015. Río Piedras, Puerto Rico
32- Capó-Vélez, C.M., Morales, B., Lasalde-Dominicci, J.A., "Upregulation of the ?7-nicotinic acetylcholine receptor in a transgenic mouse model that expresses the HIV-1 coat protein gp120", Lilly Academy Technical Forum, San Juan, Puerto Rico, March 28, 2014.
33- Capó-Vélez, C.M., Morales, B., Melendez, R., Lasalde-Dominicci, J.A., "Upregulation of the alpha7-nicotinic acetylcholine receptor in a transgenic mouse model that expresses the HIV-1 coat protein gp120", RISE Area Conference, San Juan, Puerto Rico, March 14, 2014.
34- Delgado-Vélez, M., Báez-Pagán, C.A., Gerena, Y., Quesada, O., Santiago-Pérez, L., Wojna, V., Melendez, L., Silva, W., Lasalde-Dominicci, J. HIV-1 gp120 alters the anti-inflammatory phenotype of macrophages. 10th RISE Area Conference, San Juan, PR, March 15, 2014.
35- Delgado-Vélez, M., Báez-Pagán, C.A., Gerena, Y., Quesada, O., Santiago-Pérez, L., Wojna, V., Melendez, L., Silva, W., Lasalde-Dominicci, J. The cholinergic anti-inflammatory response in HIV context. The Lilly Academy, San Juan, PR, March 28, 2014.
36- Gonzalez-Nieves, J.E., Padilla-Morales, L.F., Colon-Saez, J.O., Acevedo, J., Rosado, I.D., Y Quesada, O., and Lasalde-Dominicci J.A. Effect of lipid analogue detergent on the solubilization of the nicotinic Acetylcholine Receptor (nAChR): Analysis of functionality in Xenopus laevis oocytes and stability on Lipidic Cubic Phase (LCP). 10th Annual Rise Conference Symposium on Current Development in Protein-Protein Interaction. March 15, 2014, Carolina, PR.
37- Joel E. González-Nieves1, Luis F. Padilla-Morales2, José O. Colon-Sáez, Jesús A. Acevedo1, Irvin D. Rosado1, Orestes Quesada-González3 and José A. Lasalde Dominicci1 Effect of lipid analogue detergent on the solubilization of the nicotinic Acetylcholine Receptor (nAChR): Analysis of functionality in Xenopus laevis oocytes and stability on Lipidic Cubic Phase (LCP)Subjects. 49th ACS Junior Technical Meeting 34th Puerto Rico Interdisciplinary Scientific Meeting (PRISM). March 29, 2014 UPR-Cayey, PR.
38- León Rivera, Rosiris; Delgado-Vélez, Manuel; Báez, Carlos A.; Quesada, Orestes; Lasalde-Dominicci, José. (2013) Calcium mobilization studies of the HIV gp120 induced up-regulation

of alpha 7 nicotinic acetylcholine receptor in macrophages. Oral presentation. Segundo Encuentro Subgraduado de Investigación y Creación 2014. April 2014. San Juan, Puerto Rico.

39- Luis F. Padilla, Joel E González, Claudia Lanauze, Neikelín Burgos, Nelimar Cruz, José O. Colón, Carlos A Báez, Orestes Quesada, José A. Lasalde. Long-term mobility and stability analysis of detergent purified nAChR inserted on lipidic cubic phase. Rise Area Conference March 15, 2014, Carolina, PR.

40- Luis F. Padilla, Joel E González, Claudia Lanauze, Neikelín Burgos, Nelimar Cruz, José O. Colón, Carlos A Báez, Orestes Quesada, José A. Lasalde. Long-term mobility and stability analysis of detergent purified nAChR inserted on lipidic cubic phase. March 15, 2014, Carolina, PR.

41- Mileyshmi Holder Viera, Carlos A. Baez-Pagan and Jose A. Lasalde-Dominicci, "Characterization of cáncer associated somatic mutations from the alpha7 nicotinic acetylcholine receptor", Oral Presentation, Puerto Rico Junior Technical Meeting 2015, March 14, 2015.

42- Sonnieliz Cotto-Ríos1, Orestes Quesada3, José A. Lasalde-Dominicci. Effects of HIV-1 gp120 pre incubation in Jak-STAT anti-inflammatory pathway activation in human derived macrophages (MDM's): A possible HIV-1 mechanism for cholinergic anti-inflammatory response (CAP) disruption. Abstract #04 10th RISE Area Conference. March 15, San Juan, Puerto Rico.

43- Capó-Vélez, C.M., Morales, B., García A., Grajáles-Reyes, J., Báez-Pagán, C.A., Quesada O., Delgado-Vélez, M., Lasalde-Dominicci J.A. Role of alpha 7-nicotinic acetylcholine receptors on striatum-dependent functions of transgenic mice expressing the HIV-1 coat protein gp120. Lilly Academy Technical Forum, San Juan, PR, May 6, 2016

44- Rodriguez-Diaz, J.C., Colon-Saez J.O. and Lasalde-Dominicci, J.A. nAChR modulation by Ibuprofen. Oral Presentation delivered at the 4to Encuetro Subgradado de Investigación y Creación, Condado Hotel Plaza, San Juan, Puerto Rico, April 2016.

45- Cotto-Ríos S., Quiroz-Figueroa K., Hernández-Camacho P., Quesada O., Colón J. O., Lasalde-Dominicci J. A., Effects of HIV-1 gp120 JRFL protein in the expression and functionality of the alpha 7 nAChR's in human monocytes derived macrophages. 11th RISE Area Conference, San Juan, PR, March 2016.

46- Reilly-Andújar, F., Quesada-Gonzalez, O., Arias, H., Colón-Sáez, J. O., Lasalde-Dominicci, J. A. Effects of Positive Allosteric Modulators (PAMs) on the functionality of the ?7 Nicotinic Acetylcholine Receptor (nAChR). 11th RISE Area Conference, San Juan, PR, March 2016.

47- Báez-Cruz, F.A., Phillips, M.A., & Afanador, G.A. Characterization of Plasmodium falciparum deoxyhypusine synthase. 15th MARC Conference, University of Puerto Rico-Río Piedras Campus, San Juan, PR, February 2016.

48- Báez-Cruz, F. A., Phillips, M. A., and Afanador, G. A. Characterization of Plasmodium falciparum deoxyhypusine synthase. Minority Access to Research Careers Conference at the University of Puerto Rico-Río Piedras, San Juan, PR, February 2016

49- Quesada O., Gonzalez C., Ferrer M., Colón J.O., Fernández E., Mercado J., Davila A., Morales R., Lasalde-Dominicci J.A. Nicotinic Acetylcholine Receptor: Lipid Composition and Requirement for Activity, 60th annual meeting Biophysical Society, Los Angeles, CA, February 2016.

50- Maldonado-Hernández, R., Valdés, B., Quesada, O. and Lasalde-Doeminicci, J. Preparation of nAChR crystals for high resolution studies using the detergent analog LFC16. Louis Stokes Alliance for Minority Participation Symposium 2016,Gaylord National Resort And Harbor, Maryland February 22-24, 2016.

51- Reilly-Andújar, F., Quesada-Gonzalez, O., Arias, H., Colón-Sáez, J. O., Lasalde-Dominicci, J. A. Effects of Positive Allosteric Modulators (PAMs) on the functionality of the ?7 Nicotinic Acetylcholine Receptor (nAChR). 60th Annual Biophysical Society Meeting, Los Angeles, CA, February 2016

52- Valdes-Fernandez B. N., Rosado-Millan I. D. and Lasalde-Dominicci J. A. Assessment of Nicotinic Acetylcholine Receptor Detergent Complex Purity and Stability for Structural Studies. 60th Annual Biophysical Society Meeting, Los Angeles California, February 2016.
53- Capó-Vélez, C.M., Morales, B., García A., Grajáles-Reyes, J., Báez-Pagán, C.A., Quesada O., Delgado-Vélez, M., Lasalde-Dominicci J.A.Role of alpha7-nicotinic acetylcholine receptors on striatum-dependent functions of transgenic mice expressing the HIV-1 coat protein gp120. American Society for Cell Biology Annual Meeting, San Diego, CA, December 2015.
54- Cotto-Ríos S., Quiroz-Figueroa K., Hernández-Camacho P., Quesada O., Colón J. O., Lasalde-Dominicci J. A., Effects of HIV-1 gp120 JRFL protein in the expression and functionality of the alpha 7 nAChR's in human monocytes derived macrophages. Puerto Rico 24th Neuroscience; University of Puerto Rico Medical Sciences Campus, December 2015.
55- Reilly-Andújar, F., Quesada-Gonzalez, O., Arias, H., Colón-Sáez, J. O., Lasalde-Dominicci, J. A. Effects of Positive Allosteric Modulators (PAMs) on the functionality of the ?7 Nicotinic Acetylcholine Receptor (nAChR). 24th Annual Puerto Rico Neuroscience Conference, San Juan, PR, December 2015.
56- Rodriguez-Diaz, J.C., Colon-Saez, J.O. and Lasalde-Domnicci, J.A., Modulation of the Nicotinic Acetylcholine Receptor by Ibuprofen. 24th Annual Puerto Rico Neuroscience Conference, University of Puerto Rico Medical Sciences Campus, San Juan Puerto Rico, December 2015
57- Valdes-Fernandez B. N., Mercado-Del Valle J., Quesada O. and Lasalde-Dominicci J. A. Assessment of Nicotinic Acetylcholine Receptor Detergent Complex Purity for Structural Studies. 24th Puerto Rico Annual Neuroscience Conference, San Juan, Puerto Rico, December 2015.
58- Báez-Cruz, F. A., Phillips, M. A., and Afanador, G. A. Characterization of Plasmodium falciparum deoxyhypusine synthase. 15th Annual Biomedical Research Conference for Minority Students at Seattle, WA, November 2015.
59- Mercado J. C., Lasalde-Dominicci, J. A., Quesada, O., Colón J. O., Functional Characterization of nAChR Extracted from Torpedo californica Using Different Detergents. 15th Annual Biomedical Research Conference for Minority Students at Seattle, WA, November 2015.
60- Rodriguez-Diaz, J.C., Colon-Saez J.O. and Lasalde-Dominicci, J.A. Modulation of the Nicotinic Acetylcholine Receptor by Ibuprofen. ABRCMS 2015, Annual Biomedical Research Conference for Minorities 15th anniversary, Washington State Convention Center, Seattle, Washington, November 2015.
61- Rodriguez-Diaz, J.C., Colon-Saez J.O. and Lasalde-Dominicci, J.A. Modulation of the Nicotinic Acetylcholine Receptor by Ibuprofen. Cuarto Simposio de Investigación Subgraduada de la Asociación Universitaria de Programas de Honor (AUPH), Universidad del Turabo, Gurabo, Puerto Rico, November 2015.
62- Rodriguez-Diaz, J.C., Colon-Saez J.O. and Lasalde-Dominicci, J.A. Modulation of the nicotinic acetylcholine receptor by ibuprofen. Society for Neuroscience's 45th annual meeting, McCormick Place, Chicago, Illinois, October 2015.
63- Capó-Vélez, C.M., Morales, B., García A., Grajáles-Reyes, J., Báez-Pagán, C.A., Quesada O., Delgado-Vélez, M., Lasalde-Dominicci J.A. "Role of ?7-nicotinic acetylcholine receptors on striatum-dependent functions of transgenic mice expressing the HIV-1 coat protein gp120". Cell Biology Annual Meeting 2015 San Diego CA.
64- Capó-Vélez, C.M., Morales, B., García A., Grajáles-Reyes, J., Báez-Pagán, C.A., Quesada O., Delgado-Vélez, M., Lasalde-Dominicci J.A. Role of alpha 7-nicotinic acetylcholine receptors on striatum-dependent functions of transgenic mice expressing the HIV-1 coat protein gp120. Lilly Academy Technical Forum, San Juan, PR, May 6, 2016
65- Rodriguez-Diaz, J.C., Colon-Saez J.O. and Lasalde-Dominicci, J.A. nAChR modulation by Ibuprofen. Oral Presentation delivered at the 4to Encuetro Subgradado de Investigación y Creación, Condado Hotel Plaza, San Juan, Puerto Rico, April 2016.

66- Cotto-Ríos S., Quiroz-Figueroa K., Hernández-Camacho P., Quesada O., Colón J. O., Lasalde-Dominicci J. A., Effects of HIV-1 gp120 JRFL protein in the expression and functionality of the alpha 7 nAChR's in human monocytes derived macrophages. 11th RISE Area Conference, San Juan, PR, March 2016.
67- Reilly-Andújar, F., Quesada-Gonzalez, O., Arias, H., Colón-Sáez, J. O., Lasalde-Dominicci, J. A. Effects of Positive Allosteric Modulators (PAMs) on the functionality of the ?7 Nicotinic Acetylcholine Receptor (nAChR). 11th RISE Area Conference, San Juan, PR, March 2016.
68- Báez-Cruz, F.A., Phillips, M.A., & Afanador, G.A. Characterization of Plasmodium falciparum deoxyhypusine synthase. 15th MARC Conference, University of Puerto Rico-Río Piedras Campus, San Juan, PR, February 2016.
69- Báez-Cruz, F. A., Phillips, M. A., and Afanador, G. A. Characterization of Plasmodium falciparum deoxyhypusine synthase. Minority Access to Research Careers Conference at the University of Puerto Rico-Río Piedras, San Juan, PR, February 2016
70- Quesada O., Gonzalez C., Ferrer M., Colón J.O., Fernández E., Mercado J., Davila A., Morales R., Lasalde-Dominicci J.A. Nicotinic Acetylcholine Receptor: Lipid Composition and Requirement for Activity, 60th annual meeting Biophysical Society, Los Angeles, CA, February 2016.
71- Maldonado-Hernández, R., Valdés, B., Quesada, O. and Lasalde-Doeminicci, J. Preparation of nAChR crystals for high resolution studies using the detergent analog LFC16. Louis Stokes Alliance for Minority Participation Symposium 2016,Gaylord National Resort And Harbor, Maryland February 22-24, 2016.
72- Reilly-Andújar, F., Quesada-Gonzalez, O., Arias, H., Colón-Sáez, J. O., Lasalde-Dominicci, J. A. Effects of Positive Allosteric Modulators (PAMs) on the functionality of the ?7 Nicotinic Acetylcholine Receptor (nAChR). 60th Annual Biophysical Society Meeting, Los Angeles, CA, February 2016
73- Valdes-Fernandez B. N., Rosado-Millan I. D. and Lasalde-Dominicci J. A. Assessment of Nicotinic Acetylcholine Receptor Detergent Complex Purity and Stability for Structural Studies. 60th Annual Biophysical Society Meeting, Los Angeles California, February 2016.
74- Valdés-Fernández B.N., Wei A., Lopez-Cruz L.M., Reilly-Andújar F., Cobo-Torres B., González-Martinez O.G., Cordero-Villamil R., and Lasalde-Dominicci J.A. Preparation of Nicotinic Acetylcholine Receptor Detergent Complexes for Structural Studies: Assessment of Purity, Functionality and Aggregation Analysis. 61th Annual Biophysical Society Meeting, New Orleans. February 11-15 2017.
75- Akamine P., González-Feliciano, J.A., Capó-Vélez, C., Meléndez, L.M., Delgado-Vélez, M., Lasalde-Dominicci, J.A., Baerga-Ortiz, A. A Center for the Rapid Analysis of Clinical-grade Biologics: The Biophysical Characterization of HIV-1 Env Protein as a Vaccine Candidate. Lilly Academy Technical Forum, San Juan, PR, March 24, 2017.
76- Akamine P., González-Feliciano, J.A., Capó-Vélez, C., Meléndez, L.M., Delgado-Vélez, M., Lasalde-Dominicci, J.A., Baerga-Ortiz, A. A Center for the Rapid Analysis of Clinical-grade Biologics: The Biophysical Characterization of HIV-1 Env Protein as a Vaccine Candidate. University of Puerto Rico - Medical Sciences Campus 37th Annual Research and Education Forum, San Juan, PR, April 19, 2017.
77- Cotto-Ríos S., Quiroz-Figueroa K., Hernández-Camacho P., Quesada O., Colón J. O., Lasalde-Dominicci J. A., Effects of HIV-1 gp120 JRFL protein in the expression and functionality of the alpha 7 nAChR's in human monocytes derived macrophages. American Society for Biochemistry and Molecular Biology 17' Annual Meeting, Chicago. April 22 - 26, 2017.
78- Cotto-Ríos S., Delgado-Velez M., Colón-Sáez J. O., Quesada-González O and Lasalde-Dominicci, J. A. HIV-1 gp120 IIIB/HIV-gp120 JRFL Mediated Human ?7 nAChR's Up-regulation in macrophages and its Implications in the Cholinergic Anti-inflammatory Response (CAR). American Society Cell Biology, Philadelphia, PA. December 2-6, 2017.

79- Maldonado-Hernández, R., Silva, C., Pastrana A., Maysonet, C., Quesada, O. and Lasalde-Dominicci, J.A. Improved Purification and Crystal Formation of Native Muscle-type nAChR Using mAbs. Biophysical Society 62nd Annual Meeting. Moscone Center, San Francisco, California, February 17-21, 2018.
80- Villalobos-Santos, J.C., Lasalde-Dominicci, J.A. "Expression and Characterization of the Human a 4 b 2 Nicotinic Acetylcholine Receptor for Functional Characterization Using Macroscopic Electrophysiology", Biophysical Society Meeting, San Francisco CA, February 17-21 2018.
81- Rodriguez-Tirado, C., Lasalde-Dominicci, J., Colón-Sáez, J.O. Modulation of nicotinic acetylcholine receptors by cannabinoids. 38TH Annual Research and Education Forum, San Juan, PR. April 20 2018.
82- Reilly-Andújar, F., Lasalde-Dominicci, J., Colón-Sáez, J.O. Characterization of the Effects of Novel Positive Allosteric Modulators on the Functionality of the alpha7 Nicotinic Acetylcholine Receptor (nAChR). Experimental Biology 2018 Meeting, San Diego, CA, April 21-25, 2018.
83- Silva-Madera, C., Maldonado-Hernández, R., Colón, J., Quesada, O., Lasalde-Dominicci, J. Improved Preparation of nAChR-Detergent Complexes for Structural Studies. Forward Research & Innovation Summit 2018, San Juan, Puerto Rico, November 10, 2018.
84- Maldonado-Hernández, R., Maysonet, C., Pastrana A., Silva, C., Albino E., Quesada, O. and Lasalde-Dominicci, J. Essential Role of CHS in the Ion Channel function and Thermal Stability of Native Muscle-type nAChR-detergent-complex. Neuroscience 2018, SfN's Annual Meeting, San Diego, California, November 3-7, 2018.
85- Muñiz Sarriera, A.B, Rodríguez-Cordero, J.A., Lasalde-Dominicci, J.A. Purification and Crystallization of Model Transmembranal Proteins. Junior Technical Meeting 2018, University of Turabo, Gurabo, P.R, April 28, 2018. (Oral Presentation)
86- Rodriguez-Tirado, C., Lasalde-Dominicci, J., Colón-Sáez, J.O. Modulation of nicotinic acetylcholine receptors by cannabinoids. 38TH Annual Research and Education Forum, San Juan, PR. April 20 2018.
87- Reilly-Andújar, F., Lasalde-Dominicci, J., Colón-Sáez, J.O. Characterization of the Effects of Novel Positive Allosteric Modulators on the Functionality of the α7 Nicotinic Acetylcholine Receptor (nAChR). Experimental Biology 2018 Meeting, San Diego, CA, April 21-25, 2018.
88- Rodriguez-Tirado, C., Lasalde-Dominicci, J.A., Colon-Saez, J.O. Modulation of nicotinic acetylcholine receptors by cannabinoids. Experimental Biology Meeting, San Diego, CA. April 21-25, 2018.
89- Poueymirou-La Torre, M. J., Aviles-Reymundi, G., Maldonado-Hernandez, R., Maysonet-Navarro, C., Quesada, O., Lasalde-Dominicci, J. Essential Role of CHS in Ion Channel Functioning and Thermal Stability of The Native Muscle-Type nAChR-Detergent-Complex. Louis Stokes Alliance for Minority Participation – Junior Technical Meeting 2019, Mayaguez, PR. May 4th, 2019.
90- Maldonado-Hernández, R., Gonzalez, J.A., Colon, J.O., Maysonet, C., Quesada, O. and Lasalde-Dominicci, J. Preparation and biophysical characterization of nAChR for high-resolution studies. Biophysical Society 63nd Annual Meeting, Baltimore, Maryland, Baltimore Convention Center March 2-6, 2019.
91- Maldonado-Hernández, R., Gonzalez, J.A., Colon, J.O., Maysonet, C., Quesada, O. and Lasalde-Dominicci, J. Optimization and characterization of nAChR for high-resolution studies. 6th BioXFEL Conference, San Diego CA, February 12-14, 2019.
92- Villalobos-Santos, JC., Lasalde-Dominicci, J., “Expression of the Human a4b2 nAChR by Recombinant Baculovirus Transduction and Ion-Channel Functional Characterization”, 6th BioXFEL Conference, San Diego CA, February 12-14, 2019.
93- Del Toro Dominguez, JJ; Castro-Martínez, A.; Bauer, W.; Gonzalez-Vega, P., Rodriguez-Martínez, J. A., Lasalde-Dominicci, J. A. Subcloning of a 10x Histidine Tag in the Neuronal

Nicotinic Receptor alpha4beta2 for Structural Studies. 7th Annual BioXFEL International Conference in San Juan, Puerto Rico, January 28-30, 2020.

94- Rodríguez-Cordero, J.A.; Quesada-González, Orestes; Lasalde-Dominicci, José A.; "High-Throughput Crystallographic Screening Method for Membrane Proteins at Membrane Potentials". 7th Annual BioXFEL International Conference in San Juan, Puerto Rico, January 28-30, 2020.

95- Rodríguez-Cordero, J.A; Muñiz-Sarriera, Adrián; Quesada-González, Orestes; Lasalde-Dominicci, José A.; "High-Throughput Crystallographic Screening Method for Membrane Proteins at Resting Membrane Potential". COBRE 6th Annual Retreat. Hotel El Convento, San Juan, Puerto Rico, May 13, 2019.

96- Lasalde-Dominicci, José A. et al., "Role of R5-tropic gp120JRFL-mediated ?7 nicotinic acetylcholine receptor upregulation in the cholinergic anti-inflammatory response" 64 Biophysical meeting San Diego California, February 15-19, 2020

97- Lasalde-Dominicci, José A., Pearl Akamine, José A. González-Feliciano, Coral Capó-Vélez1Manuel Delgado-Vélez, Abel Baerga-Ortiz "A Center for the Rapid Analysis of Clinical-grade Biologics: The Biophysical Characterization of HIV-1 Env Protein" Viruses 2020, Barcelona, February 2-6, 2020, Barcelona Spain.

98- Josue Rodriguez Cordero (from Dr. Lasalde): High-Throughput Crystallographic Screening Method for Membrane Proteins at Membrane Potentials. 7th Annual BioXFEL International Conference, San Juan, Puerto Rico January 28-30, 2020

99- Jose Colon: a7 nAChR Potential therapeutic target for cognitive decline. Department of Physiology UPR RCM; September 26, 2019

100- Yamixa Delgado. Development of novel Pt-based drugs using Deferasirox as ligand to diminish systemic toxicity and resistance induced by CisPt / SJB 4 th Research Symposium (Feb 2020) / Experimental Biology 2020 (April 2020)-The conference was canceled due to the Covid19 outbreak, but the abstracts are published online

101- *Griselle Hernández-Cancel*, Damaris Suazo, Johnsue Medina-Guzmán, María Rosado-González, Liz Díaz, and Kai Griebenow. Use of glycosylated horseradish peroxidase to improve the stability of an amperometric enzyme-based biosensor. 2nd International Conference and Exhibition on Biosensors & Bioelectronics; Chicago, IL, June 2013 (Received a price for poster.)

102- *Moraima Morales-Cruz*, Cindy Figueroa, Tania Gonzalez, Anna Molina, Yamixa Delgado, and Kai Griebenow (2013) Activation of caspase-dependent apoptosis by intracellular delivery of tumor-targeted cytochrome c-based nanoparticles. 1st PR Cell Signaling Conference, San Juan, November 9, 2013.

103- *Manoj Saxena*, Josell Ramirez, and Kai Griebenow (2013) Functional and biophysical study of recombinant cytochrome c variants for potential drug use. 1st PR Cell Signaling Conference, San Juan, November 9, 2013.

104- *Yamixa Delgado*, José Hernández, and Kai Griebenow (2013) Development of protein-fatty acid nanoparticles for tumor-selective delivery. 1st PR Cell Signaling Conference, San Juan, November 9, 2013.

105- *Nicole M. Del Toro Pagán*; Kai Griebenow, Ph.D.; and Miraida Pagán, (2013) Lactate Oxidase Biosensor: A Sensor to Determine the Physical Fitness of Astronauts. ABRCMS Conference Nov. 13-16, Nashville, TN.

106- *Yamixa Delgado*, José Hernández, Kai Griebenow (2013) Development of protein-fatty acid nanoparticles for tumor-selective delivery. The 12th US-Japan Symposium on Drug Delivery Systems Conference, Lahaina, Maui, Hawaii, Monday, December 16 to Friday, December 20, 2013.

107- *Cindy M. Figueroa*, Bethzaida N. Suarez, Jessica Mendez, Moraima Morales, Yamixa Delgado and Kai Griebenow (2013) Delivery of chemically glycosylated cytochrome c immobilized in mesoporous silica nanoparticles induces apoptosis in HeLa cancer cells. The

12th US-Japan Symposium on Drug Delivery Systems Conference, Lahaina, Maui, Hawaii, Monday, December 16 to Friday, December 20, 2013.

108- *Rohit Kumar Sharma*, M. Saxena, Kai Griebenow (2014) Formation of biodiesel from Caribbean macroalgae lipids by using lipase nanoparticles. 2nd DoD Site Visit, UPR-RP, Febr. 20, 2014

109- *Freisa M. Joaquín Ovalle*, Kai Griebenow (2014) Thylakoid Membrane Solubilization of Botryococcus braunii for the Isolation and Characterization of the Main Components of the Photosynthetic Apparatus. 2nd DoD Site Visit, UPR-RP, Febr. 20, 2014

110- *Manoj Saxena*, Josell Ramirez, and Kai Griebenow (2014) Functional and biophysical study of recombinant cytochrome c variants for potential drug use. PRISM 2014, March 29, UPR Cayey

111- *Johnsue Medina-Guzmán*, Griselle Hernández-Cancel, and Kai Griebenow (2014) Use Of Glycosylated Horseradish Peroxidase To Improve The Stability Of An Amperometric Enzyme-Based Biosensor. PRISM 2014, March 29, 2014, UPR Cayey

112- *Virginia Rojas*, Josell Ramirez, Manoj Saxena and Kai Griebenow (2014) Site-selective mutation of L-Asparaginase II: structure and activity characterization. PRISM 2014, March 29, UPR Cayey

113- *Marimar Benitez,* Anna Molina Calzada, Kai Griebenow (2014) Protein-photosensitizer nanoparticles for the treatment of cancer. IVY Plus Symposium, Cambridge, MA, March 13-16, 2014.

114- *Freisa M. Joaquín Ovalle*, Kai Griebenow (2014) Thylakoid Membrane Solubilization of Botryococcus braunii for the Isolation and Characterization of the Main Components of the Photosynthetic Apparatus. Young Algineers 2014, Mt. Pellier & Narbonne, April 3-5, 2014.

115- *Pagán M.*, Griebenow K., Development of a Lactate Biosensor for Monitoring the Physical Fitness of Astronauts. NASA Annual Review Meeting 2013, April 18, 2013, UPR-RP, San Juan, PR.

116- *Zally Torres* and Kai Griebenow. 'Biochemical composition and adaptation performance of the photosynthetic apparatus of Caribbean marine macro algae under different environmental conditions'. Pan-American Advanced Studies Institute (PASI), San Jose, Costa Rica, August 2013.

117- *Anna M. Molina*, Moraima Morales-Cruz, Marimar Benítez, Kiara Berríos, Kai Griebenow (2014) Design of a stimulus-responsive human serum albumin-based nanoparticle for photodynamic therapy. ASBMB Meeting, April 26-30, 2014, San Diego, CA

118- *Cindy M. Figueroa*, Moraima Morales Cruz, Bethzaida N. Suàrez, Jean C. Fernàndez, Carmen M. Quinones, and Kai Griebenow (2014) Construction of a targeted drug delivery system through glycosylation for cancer treatment. ASBMB Meeting, April 26-30, 2014, San Diego, CA

119- *Pagán M.*, Griebenow K., Protein Chemical Glycosylation: A method to increase the stability of proteins. 2013 Lilly Academy Technical Forum. May 3, 2013. Convention Center PR, San Jaun, PR.

120- *Pagán M.*, Del Toro N., Griebenow K., Lactate Oxidase Biosensor: A Sensor to Determine the Physical Fitness of Astronauts. NASA Annual Meeting 2014. February 2014. UPR-RP, San Juan, PR.

121- *Delgado Y*, Morales-Cruz M, Figueroa CM, Hernández-Román J, Hernández G, and Griebenow K (2014) The cytotoxicity BAMLET complex is regulated by the dispersion of the oleic acid and independent of α-lactalbumin component. BioTech Connect World: Pharma & Biomaterials, June 16, 2014, Washington DC, US.

122- *J. Ramirez-Paz*, M. Saxena, R.K. Sharma, K. Griebenow. Effects of site-selective glycosylation of L-asparaginase II on its structure, activity and stability. 29th AAAS Caribbean Division Meeting. September 20th, 2014. Caguas, Puerto Rico.

123- *J. Ramirez-Paz*, M. Saxena, R.K. Sharma, K. Griebenow. Site-selective glycosylation of L-asparaginase II: effects on structure, activity and stability. 1st Puerto Rico Cancer Research Meeting. October 3rd, 2014. Carolina, Puerto Rico.

124- *Ramirez-Paz J*, Saxena M, Sharma R, and Griebenow K (2014) Enhancing the stability of L-asparaginase II by chemical glycosylation. ACS Senior Technical Meeting, November 7, 2014, Old San Juan.

125- *Hernández-Cancel, Griselle*, Suazo-Dávila, D, Díaz-Vázquez L., and Griebenow, Kai (2014) Chemically glycosylation improves the stability of an amperometric horseradish peroxidase biosensor. ACS Senior Technical Meeting, November 7, 2014, Old San Juan.

126- *J. Ramirez-Paz*, M. Saxena, R.K. Sharma, K., Griebenow (2014) Enhancing the stability of L-asparaginase II by chemical glycosylation. NSF EPSCoR/IFN Annual Meeting 2014. November 7-8th, 2014. Caguas, Puerto Rico.

127- *Pagán M.*, Del Toro N., Suazo, D., Griebenow K. (2014) A comoparative study of different protein immobilization methods for the construction of an efficient nano-structured lactate oxidase-CNT-biosensor. NSF EPSCoR/IFN Annual Meeting 2014. November 7-8th, 2014. Caguas, Puerto Rico.

128- *Rojas, V.*, Ramirez-Paz, J. & Griebenow K (2015) The effect of the signal peptide on L-asparaginase II secretion. PRISM, March 14, 2015, University of Puerto Rico – Rio Piedras Campus.

129- *Rohit Kumar Sharma*, Manoj Saxena, Josell Ramirez- Paz, and Kai Griebenow (2015) Development and application of renewable lipase nanoparticles in sustainable production of biodiesel and transformation of glycerol into pharmaceutical precursors. PRISM, March 14, 2015, University of Puerto Rico – Rio Piedras Campus.

130- *Moraima Morales-Cruz*, Alejandra Cruz, Tania González-Robles, Cindy Figueroa, Laura Muñoz, Anna Molina and Kai Griebenow (2015) Targeted Delivery of Cytochrome c-based Nanoparticles Coated with a Poly(lactic-co-glycolic acid)-Poly(ethylene glycol)-Folate Conjugate to HeLa Cells. PRISM, March 14, 2015, University of Puerto Rico – Rio Piedras Campus.

131- *Jean Carlos Fernandez*, Moraima Morales-Cruz, Bethzaida N Suarez, Cindy M Figueroa, Kai Griebenow (2015) Construction of a targeted delivery system based on hyaluronic acid and cytochrome c for cancer treatment. PRISM, March 14, 2015, University of Puerto Rico – Rio Piedras Campus.

132- *Marimar Benitez*, Anna M. Molina, and Kai Griebenow (2015) Development of an amygdalin delivery system for cancer treatment. PRISM, March 14, 2015, University of Puerto Rico – Rio Piedras Campus.

133- *Josell Ramirez Paz*, Manoj Saxena, Rohit K. Sharma, Kai Griebenow (2015) Site-specific glycosylation of L-asparaginase II: effects on structure, activity and stability. PRISM, March 14, 2015, University of Puerto Rico – Rio Piedras Campus.

134- *Freisa M. Joaquín-Ovalle*, Guihurt, G., Zally Torres-Martínez, Dávila, C., and Kai Griebenow (2015) Photosynthetic apparatus complexes organization of Photosystem I and Photosystem II in *Botryococcus braunii*. 35th Puerto Rico Interdisciplinary Scientific Meeting & 50th Junior Technical Meeting, Universidad de Puerto Rico, Recinto de Río Piedras, (March 14, 2015)

135- *Zally Torres*, Lorna de la Cruz, Freisa Joaquin, and Kai Griebenow (2015) Biochemical composition of the photosynthesis apparatus of the Caribbean marine macro algae *Chaetomorpha vieillardi*. JTM/PRISM, Rio Piedras, PR, March 2015.

136- *Manoj Saxena*, Josell Ramirez-Paz, Rohit Kumar Sharma, and Kai Griebenow (2015) Site specific chemical glycosylation of cytochrome c to enhance its stability for apoptosis induction in cancer cells. 2nd PR Cell Signaling Conference, San Juan, April 10, 2015. [Selected for oral presentation.]

137- *J. Davila*, M. Morales Cruz, K. Rolon Reyes, M. Inyushin, K. Griebenow, L. Kucheryavykh (2015) Selective targeting of glioblastoma using folate-decorated nano-particulate cytochrome c drug constructs. 2nd PR Cell Signaling Conference, San Juan, April 10, 2015.

138- *Tania J. González-Robles*, Moraima Morales-Cruz, Cindy M. Figueroa, Yamixa Delgado, Anna Molina, Jessica Méndez, Myraida Morales, and Kai Griebenow (2015) Activation of caspase-dependent apoptosis by intracellular delivery of cytochrome c-based nanoparticles. Conference of Experimental Biology, March 28 to April 1, 2015, Boston Convention & Exhibition Center, 415 Summer St, Boston, MA 02210

139- *Rohit Kumar Sharma*, Manoj Saxena, Freisa M. Joaquín-Ovalle, ZallyTorres-Martínez, and Kai Griebenow (2015) Applications of renewable lipase nanoparticles for sustainable production of biodiesel and glycerol transformation in nonaqueous environment" 5th International Conference on Algal Biomass, Biofuels & Bioproducts, San Diego, CA (June 2015)

140- Cindy M. Figueroa, Bethzaida N. Suárez, Moraima Morales-Cruz, Jean C. Fernández, Anna M. Molina, and Kai Griebenow (2015) Cytochrome c nanoparticle formulation for specific delivery to cancer cells, Interphex, PR Convention Center, San Juan, October 15-16, 2015.

141- Anna M. Molina, Moraima Morales-Cruz, Marimar Benítez, Kiara Berríos, Cindy M Figueroa, Kai Griebenow (2015) Redox-sensitive cross-linking enhances albumin nanoparticle function as delivery system for photodynamic cancer therapy. Interphex 2015, San Juan, PR. Oct 15-16, 2015.

142- *Bethzaida N. Suárez*, Cindy M. Figueroa, Moraima Morales-Cruz, Jean C. Fernández, Anna M. Molina, Carmen M. Quiñones, and Kai Griebenow (2015) Investigating the Biophysical Properties of Cytochrome c in Hyaluronic Acid Bioconjugates for Targeted Drug Delivery System Applications in Cancer Treatment. Annual Biomedical Research Conference for Minority Students (ABRCMS), Seattle, Washington, November 11-14, 2015

143- *Gerardo Resto*, Miraida Pagán, Moraima Morales, Anna Molina, and Kai Griebenow (2015) Stimulus-Responsive Controlled Release of Covalently Immobilized Cytochrome c from Carbon Nanotubes. Annual Biomedical Research Conference for Minority Students (ABRCMS), Seattle, Washington, November 11-14, 2015

144- *Manoj Saxena*, Josell Ramirez-Paz, Solimar Ponce de Leon-Guzmán, Rohit K. Sharma, and Kai Griebenow (2015) Mutation of the omega-loop impacts stability and function of human cytochrome c. ACS Senior Technical Meeting, Nov 7 and 8, 2015.

145- *Manoj Saxena*, Shweta Sharma, Arthur D. Tinoco, and Kai Griebenow (2016) Targeted cytochrome c delivery using the transferrin-receptor.36th Puerto Rico Interdisciplinary Scientific Meeting & 51st Junior Technical Meeting, Universidad de Puerto Rico, Recinto de Ponce, March 5, 2016.

146- *Vanessa C. Barceló* and Kai Griebenow (2016) Targeted Drug Delivery System for Ribonuclease A. Experimental Biology Annual Meeting, San Diego Convention Center, April 2-6, 2016.

147- *Freisa M. Joaquín-Ovalle*, Grace Guihurt, Zally Torres-Martínez, Yermary Morales-Lozada, and Kai Griebenow (2016) Purification and Biophysical Characterization of the Photosystem I Complex from *Botryococcus braunii*. Experimental Biology Annual Meeting, San Diego, April 2-6 of 2016

148- *J. Ramirez-Paz*, M. Saxena, K. Griebenow (2016) Optimized expression and purification of recombinant L-asparaginase II: Tetramer stabilization by site-specific covalent crosslinking of its subunits. Experimental Biology Annual Meeting. April 2-6th, 2016. San Diego, California, US.

149- *Manoj Saxena*, Josell Ramirez-Paz, Solimar L. Ponce De León-Guzmán, Rohit K. Sharma, and Kai Griebenow (2016) Mutation of the omega-loop impacts stability and function

of human cytochrome c. Experimental Biology Annual Meeting. April 2-6th, 2016. San Diego, California, US.

150- *Y.V. Kucheryavykh*, J. Davila, M. Morales Cruz, K. Rolon Reyes, M. Inyushin, K. Griebenow, L. Kucheryavykh. Selective targeting of glioblastoma using folate-decorated nano-particulate cytochrome C drug constructs. II International Symposium on Clinical and Basic Investigation in Glioblastoma, Spain, Toledo, Sept. 9-12, 2015.

151- *Josue Davila*, Kimberleve Rolon Reyes, Moraima Morales Cruz, Michael Inyushin, Yuriy Kucheryavykh, Kai Griebenow, and LiliaKucheryavykh (2015) Selective targeting of glioblastoma using folate-decorated nano-particulate cytochrome C drug constructs. 20th Annual Scientific Meeting of the Society for Neuro-Oncology San Antonio, Texas November 19 –22, 2015.

152- *Cindy M. Figueroa,* Bethzaida N. Suárez, Anna Molina, Jean C. Fernández, Zally Torres, and Kai Griebenow (2016) Smart release nano-formulation of cytochrome c and hyaluronic acid induces apoptosis in cancer cells. April 22-23, 2016, Annual EPSCoR Meeting, Four Points Sheraton Caguas, Puerto Rico.

153- *Cindy M. Figueroa*, Bethzaida N. Suárez, Moraima Morales-Cruz, Jean C. Fernández, Anna M. Molina and Kai Griebenow (2016) Cytochrome c nanoparticle formulation for specific delivery to cancer cells. April 22-23, 2016, Annual EPSCoR Meeting, Four Points Sheraton Caguas, Puerto Rico.

154- *Manoj Saxena*, Shweta Sharma, Yamixa Delgado Reyes , Solimar Ponce De Leon Guzman , Arthur D. Tinoco, and Kai Griebenow (2016) Targeted Cytochrome C Delivery using the Transferrin-receptor. April 22-23, 2016, Annual EPSCoR Meeting, Four Points Sheraton Caguas, Puerto Rico.

155- *Manoj Saxena*, Shweta Sharma, Arthur Tinoco, and Kai Griebenow (2016) Targeted cytochrome C delivery using the transferrin-receptor. March 31-April 1, 2016, External Advisory Board meeting, IFN, University of Puerto Rico, Río Piedras Campus, Facundo Bueso Building.

156- *Anna M. Molina*, Kiara Berríos, Cindy M. Figueroa, Zally Torres, and Kai Griebenow (2016) A protein-drug nano-platform for cancer combination therapy. April 22-23, 2016, Annual EPSCoR Meeting, Four Points Sheraton Caguas, Puerto Rico.

157- *Freisa M. Joaquín-Ovalle*, Grace Guihurt, Zally Torres-Martínez, Yermary Morales-Lozada, Josell Ramirez-Paz, Vanessa Barceló-Bovea, and Kai Griebenow (2016) Purification and Biophysical Characterization of the Photosystem I Complex from *Botryococcus braunii*. 2016 Lilly Academy Technical Forum, Congress Center, San Juan, May 6, 2016.

158- *Manoj Saxena*, Josell Ramirez-Paz, Solimar L. Ponce De León-Guzmán, Rohit K. Sharma, and Kai Griebenow (2016) Mutation of the omega-loop impacts stability and function of human cytochrome c. 2016 Lilly Academy Technical Forum, Congress Center, San Juan, May 6, 2016.

159- Vanessa Barceló-Bovea, Felix Guerra, Moraima Morales-Cruz, Alejandra Cruz, Freisa M. Joaquin-Ovalle, and Kai Griebenow (2016) Targeted drug delivery system for Ribonuclease A. 2016 Lilly Academy Technical Forum, Congress Center, San Juan, May 6, 2016.

160- *Manoj Saxena*, Shweta Sharma, Yamixa Delgado, Solimar Ponce de Leon-Guzman, Arthur Tinoco, and Kai Griebenow (2016) Targeted cytochrome C delivery using the transferrin-receptor. 2016 Lilly Academy Technical Forum, Congress Center, San Juan, May 6, 2016.

161- *Manoj Saxena*, Yamixa Delgado, Rohit Sharma, Shweta Sharma, Solimar Ponce De Leon Guzman, Arthur D. Tinoco, and Kai Griebenow (2016) Targeted cytochrome c delivery using transferrin-receptor, AAAS Caribbean Division 2016 Annual Conference, Sep 10, 2016 in San Juan, Puerto Rico at Museo de Vida Silvestre de San Juan, Puerto Rico.

162- *Y.V. Kucheryavykh,* J. Ortiz-Rivera, M. Inyushin, L. Cubano, M. Morales-Cruz, A. Cruz-Montañez, Kai Griebenow, and L.Y. Kucheryavykh (2017) Targeted delivery of nanoparticulate cytochrome c into GL261 glioma cells through the proton-coupled folate transporter. AACR (American Association for Cancer Research) Annual Meeting, April 1-5, 2017, Washington, DC.

163- Manoj Saxena, Yamixa Delgado, Rohit Sharma, Shweta Sharma, Solimar Ponce De Leon Guzman, Arthur D. Tinoco, and Kai Griebenow (2017) Targeted cytochrome c delivery to cancer cells using the transferrin-receptor. American Society for Cell Biology (ASCB) Annual Meeting in San Francisco, CA, USA, December 3 to 7, 2016.

164- Zally Torres, Yamixa Delgado, Anna Molina, Cindy Figueroa, Gerardo Resto, and Kai Griebenow. Development of Hyaluronic Acid-targeted Stigmasterol-Transferrin Nanoparticles for Cancer Therapy. American Society for Cell Biology (ASCB) Annual Meeting in San Francisco, CA, USA, December 3-7, 2016.

165- *Zally Torres*, Yamixa Delgado, Anna Molina, Cindy Figueroa, Gerardo Resto, and Kai Griebenow. Development of Targeted Stigmasterol-Solid Lipid Nanoparticles by Hyaluronic acid and Transferrin for Lung Cancer Therapy. American Chemical Society (ACS) National Meeting in San Francisco, CA, USA, April 2-6, 2017.

166- *Vanessa C. Barceló Bovea*, Ellianne N. Saladini Alvarado, Louis J. Delinois, Freisa M. Joaquín Ovalle, Yamixa Degaldo, and Kai Griebenow (2017) Study of alpha casein potential as anticancer drug and development of a nano-sized targeted drug delivery system.253rd ACS National Meeting in San Francisco, CA, USA April 2 to 6, 2017

167- *Rohit K. Sharma,* Nitu Kumar, Crystal A. O'Neill, Kavita Gaur, Manoj Saxena, Gerardo Morell, Kai Griebenow (2017). Application of lipase immobilized on graphene oxide/$ZnxFe_{1-x}Fe_2O_4$ composites nanoparticles for biodiesel production and glycerol conversion in nonaqueous media 253rd ACS National Meeting in San Francisco, California, April 2-6, 2017.

168- *Rohit K. Sharma,* Crystal A. O'Neill, Hector A.R. Ramos, Vanessa B. Bovea, Bibek Thapa, Kai Griebenow (2017). Formation and immobilization of the lipase nanoparticles from Candida rugosa on metal nanoparticles to produce biodiesel from algal and waste lipid feedstock. Junior Technical Meeting and the Puerto Rico Interdisciplinary Scientific Meeting (JTM/PRISM) April 29th , 2017, University of Puerto Rico, Humacao.

169- *Manoj Saxena,* Yamixa Delgado, Rohit Sharma, Shweta Sharma, Solimar Ponce De Leon Guzman, Arthur D. Tinoco, and Kai Griebenow (2017) Inducing cell death in cancer cells by targeted cytochrome c delivery via transferrin-cytochrome c conjugate. 253rd ACS National Meeting in San Francisco, California, April 2-6, 2017.

170- *J. Ramirez-Paz,* M. Saxena, L.J. Delinois, F.M. Joaquín-Ovalle, V.A. Rojas-Nieves, and K. Griebenow. *Covalent crosslinking of L-asparaginase II subunits by site-specific PEGylation*. Experimental Biology Annual Meeting in Chicago, IL, USA, April 25th, 2017.

171- *J. Ramirez-Paz,* L.J. Delinois, F.M. Joaquín-Ovalle, and K. Griebenow. *Effect of site-specific PEGylation of L-asparaginase II subunits on specific activity*. PEGS: Essential Protein Engineering Summit in Boston, MA, USA, May 1-5th, 2017.

172- Rohit K. Sharma, Crystal A. O'Neill, Vanessa B. Bovea, Luis F.B. Reinés, Kai Griebenow (2017). Cross-linked lipase nanoparticles immobilized on metal composites nanoparticles to produce biodiesel from algal lipids and brown grease. 7th International Conference on Algal Biomass, Biofuels and Bioproducts 18 - 21 June, 2017, Miami, FL, USA.

173- Vanessa C. Barceló-Bovea, Ellianne N. Saladini-Alvarado, Louis J. Delinois, Freisa M. Joaquín-Ovalle, Yancy Ferrer-Acosta, and Kai Griebenow (2017) Optimization of chitosan nanocapsules using a two-step nanoprecipitation process for the delivery of alpha-casein to cancer cells overexpressing folic acid receptors. 93rd Florida Annual Meeting and Exposition (FAME) of the ACS Florida Division, May 4 - May 6 (2017) Tampa, Florida, USA.

174- *Rohit K. Sharma*, Hector A.R. Ramos, Crystal A. O'Neill, Bibek Thapa, Vanessa B. Bovea, Kai Griebenow (2017) Cross-linking and immobilization of lipase nanoparticles on metal nanoparticles for the conversion of waste feedstocks into fatty acid esters. Instituto Nacional de Energía y Sostenibilidad Isleña (INESI) de la Universidad de Puerto Rico, Primer Simposio de Energía y Sostenibilidad Isleña, October 28, 2017, UPR-Ponce.

175- *Zally Torres*, Yamixa Delgado, and Kai Griebenow (2017) Potential lung cancer therapy by the development of stigmasterol-solid lipid nanoparticles as drug delivery system. ASCB | EMBO Meeting, Philadelphia, USA • December 2-6, 2017.

176- *Manoj Saxena*, Johnathan Dallman, Ana B. Castaner, Marvin J. Bayro, and Kai Griebenow (2018) Solution NMR study of a cytochrome c mutant (a44c) with enhanced apoptotic activity. 62nd Ann. Meeting Biophysical Society, San Francisco, Febr. 19-21

177- *J. Ramirez-Paz* and K. Griebenow. (2018) Site-specific PEGylation of asparaginase subunits increased size and enzymatic activity. Biophysical Society Annual Meeting in San Francisco, CA, USA, February 18th, 2018.

178- *Irivette Dominguez Martinez* and Kai Griebenow (2018) Synthesis and characterization of a Cytochrome c-based Nanoparticle Combining Stimulus-Triggered Release and Active Targeting for Lung Cancer Therapy. ACS Junior Technical Meeting and the Puerto Rico Interdisciplinary Scientific Meeting (JTM-PRISM 2018), Universidad del Turabo, April 28, 2018.

179- *Freisa M. Joaquín-Ovalle*, Grace Guihurt, Vanessa C. Barceló-Bovea, Josell Ramirez-Paz, Katerina Doble, Andraous Hani Saba, Kai Griebenow (2018) Characterization and evaluation of ROS-containing photosystem I light-harvesting complex I (PSI-LHCI) isolated from the green microalga *Botryococcus braunii as a* potential anticancer drug. Experimental Biology 2018, San Diego, California, April 25, 2018.

180- *H.A.R. Ramos*, C.A. O'Neill Arroyo, R.K. Sharma, B. Thapa, V.B. Bovea, and K. Griebenow (2018) Utilization of multiple lipid sources in the production of biodiesel by using lipase nanoparticles from Candida *rugosa* in a nonaqueous system. Experimental Biology Conference, 21-25 April 2018, San Diego, California.

181- *Zally Torres*, Yamixa Delgado, Kai Griebenow (2018) Stigmasterol solid-lipid nanoparticle development for lung cancer therapy. Experimental Biology Conference, 21-25 April 2018, San Diego, California.

182- *C.A. O'Neill Arroyo*, H.A.R. Ramos, R.K. Sharma, B. Thapa, V.B. Bovea, and K. Griebenow (2018) Biodiesel synthesis with nanoparticulate lipase formulations from various lipid sources. The 37th Puerto Rico Interdisciplinary Scientific Meeting 52nd ACS Junior Technical Meeting, April 28 2018. University of Turabo, Gurabo, Puerto Rico.

183- *R.K. Sharma*, C.A. O'Neill Arroyo, H.A.R. Ramos, B. Thapa, V.B. Bovea, and K. Griebenow (2018) Formation and immobilization of the lipase nanoparticles from Candida rugosa on metal nanoparticles to produce biodiesel from algal and waste lipid feedstock. The 37th Puerto Rico Interdisciplinary Scientific Meeting 52nd ACS Junior Technical Meeting, April 28 2018. University of Turabo, Gurabo, Puerto Rico.

184- *Louis Jean Delinois*, Josell Ramirez-Paz, Jose A. González Feliciano, Rafael Maldonado-Hernández, Vanessa Barcelo-Bovea, Freisa M. Joaquín Ovalle, Pasquale F. Fulvio, Kai Griebenow (2018) Synthesized-Chlorotoxin-Conjugated Cytochrome C as a Potential Drug for Targeting Gliomas. Experimental Biology Conference, 21-25 April 2018, San Diego, California.

185- *Josell Ramirez-Paz* and Kai Griebenow (2018) Expression and Purification of L-asparaginase Cysteine Mutants for Cys-directed PEGylation. SSRL/LCLS Annual User's Meeting in Palo Alto, CA, USA, September 27th, 2018.

186- *Irivette Domínguez-Martínez* and Kai Griebenow (2018) Smart Release Cross-linked Cytochrome C Nanoparticles for Active Targeting of Folate Receptor-Positive Lung Cancer

Cells. 41th Senior Technical Meeting, ACS, Nov. 10-11, 2018, Costa Bahía Hotel & Conference Center, Guayanilla, Puerto Rico.

187- *Vanessa C. Barcelo-Bovea*., Irivette Dominguez-Martinez, Freisa Joaquin-Ovalle, Anthony McGoron, Yancy Ferrer, and Kai Griebenow (2018) Nanoparticles for the active delivery and smart release of cytochrome c to target Lewis Lung Carcinoma. 5th Personalized NanoMedicine Symposium, MARC Building Pavilion, Miami, Florida, Nov. 1-2, 2018.

188- *Irivette Domínguez-Martínez*, Yancy Ferrer, and Kai Griebenow (2019) Folic acid decorated cross-linked cytochrome c nanoparticles combining triggered release and active targeting for lung cancer therapy. 257th ACS National Meeting, March 31 – April 4, 2019, Orlando, FL.

189- *Vanessa Barcelo-Bovea*, Irivette Dominguez-Martinez, Freisa Joaquin-Ovalle, Anthony McGoron, Kai Griebenow, and Yancy Ferrer-Acosta (2019) Comparison of nanoparticle and nanoparticle-free formulations for the active delivery of cytochrome c by targeting folate receptors. 257th ACS National Meeting, March 31 – April 4, 2019, Orlando, FL.

190- Gabriel Sanchez Irizarry (from Dr. Yancy Ferrer): The Effect of nicotinic modulation blocker in murine astrocytes after an Ischemic-like insult**.** 27th Puerto Rico Neuroscience Conference 2019

191- *Freisa M. Joaquín-Ovalle*, Vanessa C. Barceló-Bovea, Andraous Hani Saba, Nicole Fontanet, and Kai Griebenow (2019) Botryococcus braunii (B. braunii) Photosystem I (PSI) induces ROS-dependent decrease in cell viability by necrosis and autophagy pathways. ASM Microbiology 2019

192- *Louis J. Delinois*, Pasquale F. Fulvio, Kai H. Griebenow (2019) Ordered Mesoporous Silica (OMS) Based Nanoparticles as Tumor-directed Drug Delivery Devices. Lilly Academy Technical Forum, Puerto Rico Convention Center San Juan, April 12, 2019.

193- *Adriana Soto Bibiloni*, Irivette Dominguez-Martinez, Kai Griebenow(2019) Smart Redox-Triggered Release Cytochrome c Nanoparticles for Folate-targeted Lung Cancer Therapy. 38th Puerto Rico Interdisciplinary Scientific Meeting 53rd ACS Junior Technical Meeting 2019, May 4 2019, UPR Mayagüez.

194- *Nicole Fontanet Gomez*, Freisa M. Joaquín-Ovalle, and Kai Griebenow (2019) Botryococcus braunii Photosystem I induces ROS-dependent decrease in cell viability by necrosis and autophagy pathways. 38th Puerto Rico Interdisciplinary Scientific Meeting 53rd ACS Junior Technical Meeting 2019, May 4 2019, UPR Mayagüez.

195- *Andraous Hani Saba*, Freisa M. Joaquín-Ovalle, and Kai Griebenow (2019) Botryococcus braunii Photosystem I induces ROS-dependent decrease in cell viability by necrosis and autophagy pathways. 38th Puerto Rico Interdisciplinary Scientific Meeting 53rd ACS Junior Technical Meeting 2019, May 4 2019, UPR Mayagüez.

196- Zally Torres, Yamixa Delgado, and Kai Griebenow (2019) Potential cancer therapy by the development of a protein-based drug delivery system nanoparticle using plant-derived triterpenoids as drugs. 2019 CONFERENCE OF FORD FELLOWS, Empowered Scholarship: Engaging with the World, Connecting with Each Other, San Juan, Puerto Rico, Oct. 3-4, 2019

197- Zally Torres, Yamixa Delgado, and Kai Griebenow (2019) Potential cancer therapy by the development of a protein-based drug delivery system nanoparticle using plant-derived triterpenoids as drugs. Am. Soc. Cell Biol., Washington DC, Dec. 7-11, 2019

198- Brenda Caliz (from Dr. Edwin Traverso at UPR-Humacao) Poster presentation at the Society for the Advancement of Chicanos/Latinos and Native Americans in Science, October 2019, Honolulu, HA

199- Brenda Caliz (from Dr. Edwin Traverso at UPR-Humacao) Poster presentation at the Annual Biomedical Research Conference for Minority Students, November 2019, Anaheim, CA

200- Josue B. Rivera & Lauren Fernandez (from Dr. Tinoco at UPR-Rio Piedras) Poster Presentation at the 7th Latinoamerican Symposium of Chemistry and Organometalic – SILQCOM, August 2019, Cartagena de Indias, Colombia.

201- Yamixa Delgado. Potential lung cancer therapy using plant derived cholesterol structural analogs / SJB 4 th Research Symposium (Feb 2020) / Experimental Biology 2020 (April 2020)-The conference was canceled due to the Covid19 outbreak, but the abstracts are published online

202- Zally Torres, Daraishka Perez, Clarissa Correa, Wandaliz Milan, Anthony Aponte, Natasha Mederos, Kimberly Velázquez, Valerie Molina, Betzaida Castillo, Yancy Ferrer, Kai Griebenow, Yamixa Delgado (2021) Synergic lung cancer therapy by the development of a protein-based drug delivery system loading Doxorubicin in combination with a pentacyclic triterpene. AACR-NCI-EORTC Virtual International Conference on Molecular Targets and Cancer Therapeutics, October 7 - 10, 2021.

203- René García Del Valle, Christian Morales Guzmán, Zally Torres-Martínez, Kai H. Griebenow, Néstor Carballeira (2021) Unexpected discovery of a strong and selective cytotoxic hydantoin against A549 cells. ABRCMS Virtual Conference, November 10-13.

204- Alicea D and Marie B (2013). The effect of temperature on synaptic growth and physiology is dependent on RNA editing. 33rd Annual Research and Educational Forum. UPR – MSC

205- Dominicci C, Alicea D, Maldonado C, Vazquez R and Marie B (2013). Control of cortactin levels by Wingless is necessary for rapid activity dependent synaptic plasticity. 22nd Puerto Rico Neuroscience conference. Ponce, PR

206- Alicea D, Dominicci C, Maldonado C and Marie B (2014). Control of cortactin levels by Wnt is necessary for rapid activity dependent synaptic plasticity. NIH-NIGMS 5th Biennial National IDeA Symposium of Biomedical Research Excellence (NISBRE). Washington, DC.

207- Maldonado C, Dominicci C, Alicea D and Marie B (2014). Control of cortactin levels by Wnt is necessary for rapid activity dependent synaptic plasticity. Society For Neuroscience. Washington, DC

208- Kevin De León and Bruno Marie (2014). Jun Kinase limits synaptic growth at low temperature. 23rd Puerto Rico Neuroscience conference. Bayamon, UCC, PR.

209- Ivan J. Adames and Bruno Marie (2014). The Autophagy-Highwire-Mapkkk complex regulates the temperature-dependence of synaptic growth at the Drosophila NMJ. 23rd Puerto Rico Neuroscience conference. Bayamon, UCC, PR.

210- Maldonado C, Dominicci C, Alicea D and Marie B (2014). Control of cortactin levels by Wnt is necessary for rapid activity dependent synaptic plasticity. 23rdPuerto Rico Neuroscience conference. Bayamon, UCC, PR.

211- Kevin De León and Bruno Marie (2015). Jun Kinase limits synaptic growth at low temperature July 17th, 2015, SPINES Student Symposium; MBL.

212- Kevin De León and Bruno Marie (2015). Dibutyl Phthalate Affects Synaptic Growth and Stability at the Drosophila Neuromuscular Junction - Oct 16, 2015- Talk at SPINES Symposium lighting talk; Poster -Oct 20, 2015- SFN, Chicago.

213- Marizabeth Perez, Carihann Dominicci, Carolina Maldonado and Bruno Marie(2015). Cortactin is a modulator of activity-dependent synaptic plasticity under the control of the wingless (wg) / Wnt signaling. Poster presentation at the Society for Neuroscience Conference that took place in Chicago, United States. October 17-21.

214- Ivan Adames and Bruno Marie (2015). The autophagy, highwire and wallenda genes regulate the temperature-dependence of synaptic growth at the Drosophila NMJ. Poster presentation at the Society for Neuroscience Conference that took place in Chicago, United States. October 17-21.

215- Marizabeth Perez, Carihann Dominicci, Carolina Maldonado and Bruno Marie. (2015). Cortactin is a modulator of activity-dependent synaptic plasticity under the control of the wingless (wg) / Wnt signaling. Poster presentation at the Puerto Rico Neuroscience Conference that took place in San Juan, Puerto Rico. December 5

216- Ivan Adames and Bruno Marie (2015). The autophagy and highwire genes regulate the temperature-dependence of synaptic growth at the Drosophila NMJ. Poster presentation at the Puerto Rico Neuroscience Conference that took place in San Juan, Puerto Rico. December 5

217- Carihann Dominicci and Bruno Marie (2016). Regulation of the activity-dependent synaptic plasticity: The role of the planar cell polarity pathway. March 13, 2016- Foro Anual ciencias medicas

218- Kevin De León and Bruno Marie (2016). Dibutyl Phthalate Affects Synaptic Growth and Stability at the Drosophila Neuromuscular Junction -March 13, 2016- Foro Anual ciencias medicas

219- Ivan Adames and Bruno Marie (2016). The autophagy and highwire genes regulate the temperature-dependence of synaptic growth at the Drosophila NMJ. March 13, 2016- Foro Anual ciencias medicas

220- Kevin De Leon and Bruno Marie (2016). Exogenous Exposure to Dibutyl Phthalate Affects Synapse Development and Stability at the Drosophila Neuromuscular Junction. October 13, 2016. PRCEN annual Retreat. San Juan, PR.

221- Kevin De Leon and Bruno Marie (2016). Jun Kinase limits synaptic growth at low temperature. October 13, 2016. PRCEN annual Retreat. San Juan, PR.

222- Carihann Dominicci-Cotto and Bruno Marie (2017). Regulation of the activity-dependent synaptic plasticity: The role of the Planar Cell Polarity pathway. March 3, 2017. NIGMS-RISE Program/PR INBRE Retreat, Dorado, P.R.

223- Pérez, Marizabeth; Dominicci, Carihann; Maldonado, Carolina; Marie, Bruno(2017). Wingless and neuronal activity drive cortactin expression to allow synaptic plasticity at the Drosophila neuromuscular junction. March 29-April 2, 2017. 58th Annual Drosophila Research Conference, San Diego, CA.

224- Marizabeth Pérez Carambot, Carihann Dominicci, Carolina Maldonado and Bruno Marie (2017). Cortactin controls morphological and electrophysiological properties of activity-dependent synaptic plasticity at the Drosophila neuromuscular junction. April 20, 2017. 4th COBRE Annual Retreat. San Juan, PR.

225- Pérez, Marizabeth; Dominicci, Carihann; Maldonado, Carolina; Marie, Bruno(2017). Wingless and neuronal activity drive cortactin expression to allow synaptic plasticity at the Drosophila neuromuscular junction. April 20, 2017. 4th COBRE Annual Retreat. San Juan, PR.

226- Carihann Dominicci-Cotto and Bruno Marie (2017). Regulation of the activity-dependent synaptic plasticity: The role of the Planar Cell Polarity pathway. April 20, 2017. 37mo Foro Anual de Investigacion y Educacion, Recinto de Ciencias Médicas, San Juan, P.R.

227- Pérez, Marizabeth; Dominicci, Carihann; Maldonado, Carolina; Marie, Bruno(2017). Cortactin controls morphological and electrophysiological properties of activity-dependent synaptic plasticity at the Drosophila neuromuscular junction. April 22-April 26, 2017. Experimental Biology Annual Meeting, Chicago, IL.

228- Carolina Maldonado, Marizabeth Perez, Carihann Dominicci and Bruno Marie(2017). Cortactin controls electrophysiological properties during activity-dependent synaptic plasticity at the Drosophila neuromuscular junction.November 15, 2017. Neuroscience 2017 from Society for Neuroscience, Washington DC, USA.

229- Kevin De Leon and Bruno Marie (2017). Exogenous Exposure to Dibutyl Phthalate Affects Synapse Development and Stability at the Drosophila Neuromuscular Junction. November 13, 2017. Neuroscience 2017 from Society for Neuroscience, Washington DC, USA.

230- Carihann Dominicci-Cotto, Bruno Marie (2017). Cortactin expression is driven by Wingless and neuronal activity to allow synaptic plasticity at the Drosophila neuromuscular junction. November 15, 2017. Neuroscience 2017 from Society for Neuroscience, Washington DC, USA.

231- Marizabeth Pérez, Carihann Dominicci-Cotto, Bruno Marie (2018). Maintaining Neuronal Function: The Role of the Transcription Factor Gooseberry in Synaptic Growth and Stability. 59th Annual Drosophila Research Conference. Philadelphia, PA (April 11-15, 2018)

232- 67. Marizabeth Pérez, Carihann Dominicci-Cotto, Bruno Marie (2018). Maintaining Neuronal Function: The Role of the Transcription Factor Gooseberry in Synaptic Growth and Stability. April 18-20, 2018. 38th Annual Research and Education Forum, Recinto de Ciencias Médicas, San Juan, P.R.

233- Marizabeth Pérez, Carihann Dominicci-Cotto, Bruno Marie (2018). Maintaining Neuronal Function: The Role of the Transcription Factor Gooseberry in Synaptic Growth and Stability. National IDeA Symposium of Biomedical Research Excellence. Washington, DC (June 24-26, 2018).

234- Marizabeth Pérez, Carihann Dominicci-Cotto, Bruno Marie (2018) Maintaining Neuronal Function: The Role of the Transcription Factor Gooseberry in Synaptic Growth and Stability. COBRE Retreat. (April 26, 2018). San Juan, PR.

235- Carihann Dominicci-Cotto, Bruno Marie (2018). Cortactin expression is driven by Wingless and neuronal activity to allow synaptic plasticity at the Drosophila neuromuscular junction. April 18-20, 2018. 38th Annual Research and Education Forum, Recinto de Ciencias Médicas, San Juan, P.R.

236- Kevin De Leon and Bruno Marie (2018). Jun Kinase limits synaptic growth at low temperature. April 18-20, 2018. 38th Annual Research and Education Forum, Recinto de Ciencias Médicas, San Juan, P.R.

237- Kevin De Leon and Bruno Marie (2018). Jun Kinase limits synaptic growth at low temperature. August 11, 2018, 2nd Puerto Rico Drosophila neurobiology / Mini-Brains Meeting, San Juan, P.R

238- Marizabeth Pérez, Carihann Dominicci-Cotto, Bruno Marie (2018). Maintaining Neuronal Function: The Role of the Transcription Factor Gooseberry in Synaptic Growth, Stability and Plasticity. August 11, 2018, 2nd Puerto Rico Drosophila neurobiology / Mini-Brains Meeting, San Juan, P.R

239- Kevin De Leon and Bruno Marie (2018). A molecular control of temperature dependent synaptic growth: Autophagy, Proteasome and Map Kinases. November 27-28, 2018, 6th PRCEN Annual Retreat, San Juan, P.R

240- Reyes-Maldonado, Roberto; de Leon, Kevin; Marie-Bordes, Bruno; Ramirez, Alonso (2018). Description of the Chironomus sp. “Florida” neuromuscular system: a tool for future freshwater ecotoxicological evaluations in Puerto Rico."May 24, 2018, Society for Freshwater Science Detroit, Michigan "

241- Reyes-Maldonado R.; B. Marie-Bordes, A. Ramírez (2018). Characterization of the Chironomus sp. “Florida” neuromuscular system: a tool for future freshwater ecotoxicological evaluations in Puerto Rico. 6th PRCEN Annual Retreat. November 27-28, 2018. San Juan, P.R.

242- Sanchez-Medina, T., Reyes-Maldonado R.; B. Marie-Bordes, A. Ramírez. Effects of temperature, age, sex, on the neuromuscular junction of Chironomus sp. “Florida”. November 27-28, 2018, 6th PRCEN Annual Retreat, San Juan, P.R

243- Reyes-Maldonado R.; B. Marie-Bordes, A. Ramírez (2019). Chironomus sp. “Florida” as educational tool: potential uses of the species to introduce students about the effects of freshwater pollutants. February 23-March 2019. Association for the sciences of Limnology and Oceanography (ASLO) San Juan, P.R

244- Kevin De Leon and Bruno Marie (2019). A molecular control of temperature dependent synaptic growth: Autophagy, Proteasome and Map Kinases. March 28-31, 2019, GSA Drosophila Meeting Dallas, Texas.

245- Kevin De Leon and Bruno Marie (2019). Jun Kinase limits synaptic growth at low temperature. March 16th, 2019, 3rd Puerto Rico Drosophila neurobiology / Mini-Brains Meeting, San Juan, P.R.

246- Carihann Dominicci-Cotto, Marizabeth Perez and Bruno Marie (2019). Maintaining Neuronal Function: The role of the Transcription Factor Gooseberry in Synaptic Growth Stability and plasticity. March 28-31, 2019, GSA Drosophila Meeting Dallas, Texas.

247- Carihann Dominicci-Cotto, Marizabeth Perez and Bruno Marie (2019). Maintaining Neuronal Function: The role of the Transcription Factor Gooseberry in Synaptic Growth Stability and plasticity. April 11, 2019. 39th Annual Research and Education Forum, Recinto de Ciencias Médicas, San Juan, P.R.

248- Marizabeth Pérez, Carihann Dominicci-Cotto, Bruno Marie (2019). The Transcription Factor Gooseberry, a pax3/7 homolog, interacts with Wingless to control neuronal function. March 28-31, 2019, GSA Drosophila Meeting Dallas, Texas.

249- Marizabeth Pérez, Carihann Dominicci-Cotto, Bruno Marie (2019). The Transcription Factor Gooseberry, a pax3/7 homolog, interacts with Wingless to control neuronal function. April 11, 2019. 39th Annual Research and Education Forum, Recinto de Ciencias Médicas, San Juan, P.R.

250- Kevin De Leon and Bruno Marie (2019). The Jun Kinase signaling restrains synaptic growth at low temperatures. 7th PRCEN annual retreat, San Juan Puerto Rico. October 10, 2019.

251- Kevin De Leon and Bruno Marie (2019). Autophagy, Highwire and Map Kinases regulates the temperature dependence of synaptic growth at the Drosophila Neuromuscular Junction. 59th Society for Neuroscience Annual meeting, Chicago, Illinois. October 19- 23, 2019.

252- Kevin De Leon and Bruno Marie (2019). A molecular control of temperature dependent synaptic growth: Autophagy, Proteasome and Map Kinases. 60th annual Drosophila Research Conference held at Dallas, TX. March 27- April 1, 2019.

253- Pérez, Marizabeth; Dominicci, Carihann; Marie, Bruno (2019). The Transcription Factor Gooseberry, a pax3/pax7 homolog, interacts with Wingless to control neuronal function. 59th Society for Neuroscience Annual meeting, Chicago, Illinois. October 19- 23, 2019.

254- Carihann Dominicci Cotto and Bruno Marie (2019). The role of the Planar Cell Polarity pathway in regulating activity-dependent synaptic plasticity. 59th Society for Neuroscience Annual meeting, Chicago, Illinois. October 19- 23, 2019.

255- Carolina Maldonado and Bruno Marie (2019). Patterned activation of the temperature-gated dTRPA1 channel promotes rapid morphological changes at the Drosophila neuromuscular junction. 59th Society for Neuroscience Annual meeting, Chicago, Illinois. October 19- 23, 2019.

256- Roberto Reyes Maldonado, Taissae Sanchez Medina, Alonso Ramirez and Bruno Marie Bordes (2019). The anatomy of the neuromuscular system of Chironomus sp. "Florida": a model

to study the influence of environmental factors on the nervous system. 7th PRCEN annual retreat, San Juan, Puerto Rico. October 10, 2019.

257- Kevin De Leon and Bruno Marie (2021). Temperature-dependent synaptic growth affects 1s boutons and requires autophagy, the ubiquitin-proteasome system, and MAP Kinases function. Genetics Society of America, 62nd Annual Drosophila Research Conference, Virtual, March 30- April 1st, 2021.

258- Roberto Reyes Maldonado, Alonso Ramírez, Bruno Marie (2021). Neuromuscular anatomy of Chironomus sp. "Florida ": potential model to study toxicity in aquatic environments. Virtual Annual Meeting, Society for freshwater science, May 24, 2021.

259- Reyes-González J., Pérez D., Ferchmin P.A., (2019) 2nd Puerto Rico Clinical Research Summit. Neuroprotection against GWI by an alpha7 Nicotinic Acetylcholine Receptor modulator.

260- Reyes-González J., Pérez D., Ferchmin P.A., Sabeva NS. (2019) International Behavioral Neuroscience Society Conference, Cairns, Queensland, Australia. A Mouse Model of Gulf War Illness Allows for Mechanistic Studies and the Search for Antidotes.

261- Reyes-Gonzalez J., Perez D., Ferchmin P.A., Sabeva NS. (2019) 49th Society for Neuroscience Conference, Chicago, Illinois, USA. An alpha7 Nicotinic Acetylcholine Receptor Modulator Ameliorates Behavioral Performance in Gulf War Illness Model.

262- Rivera-Mocteruma F.G., Perez D., Ferchmin P.A., Sabeva NS. (2020) 28th Puerto Rico Neuroscience Conference. Virtual event. A cyclic diterpenoid has a neuroprotective effect against Gulf War Illness involved Neurotoxicants.

263- Sabeva N.S., Pagán Oné R., Ferrer-Acosta Y., Eterović V.A., Ferchmin P.A. (2020) 28th Puerto Rico Neuroscience Conference. Virtual event. A toxicity study of (1S,2E,4R,6R,7E,11E)-cembratriene-4,6-diol in subcutaneously exposed Sprague Dawley rats

264- Jose Luis Marrero Valentin, Rivera-Moctezuma F. G., Sorangely Vázquez Alicia, Dinely Perez, Pedro A. Ferchmin, Nadezhda Sabeva (2021) 50th Society for Neuroscience Conference, Chicago, Illinois, USA. A cyclic diterpenoid has a neuroprotective effect against Gulf War Illness involved neurotoxicants.

265- Jennifer Marie Colon, Laurivette Mosquera, José M Santiago, Aranza Torrado, Margarita Melendez, Annabell C. Segarra, José Rodriguez-Orengo, Jorge D. Miranda. Estradiol and Tamoxifen Produce Acute and Chronic Neuroprotective Effects after Spinal Cord Injury. Experimental Biology *2013, Boston MA, April 20-24, 2013,*

266- Jennifer Marie Colon, Laurivette Mosquera, José M Santiago, Aranza Torrado, Margarita Melendez, Annabell C. Segarra, José Rodriguez-Orengo, Jorge D. Miranda. Analysis of Estrogen Receptor Alpha after Spinal Cord Injury and its possible role in neuroprotection 33rd Annual Research Education and Forum, UPR School of Medicine, March 13-15, 2013

267- Jennifer Marie Colon, Laurivette Mosquera, José M Santiago, Aranza Torrado, Margarita Melendez, Annabell C. Segarra, José Rodriguez-Orengo, Jorge D. Miranda. Estradiol and Tamoxifen produces acute and chronic neuroprotective effects after Spinal Cord injury . PR Physiological Society, UPR, San Juan, February, 8, 2013

268- Laurivette Mosquera, Jose M. Santiago, Aranza Torrado, Jennifer M. Colón, Margarita Meléndez, Annabell C. Segarra, José Rodríguez Orengo and Jorge D. Miranda. *17β*-Estradiol and Tamoxifen Administration Offers Neuroprotection and functional locomotor recovery after Spinal Cord Injury PR Neuroscience, San Juan, December, 1, 2012

269- Martínez NA, Ayala AM, Martínez M, Quiñones M, Miranda JD, Silva WI. "Caveolin-1 Supports the $P2Y_2$ Receptor Signaling". Poster presentation,

Experimental Biology 2013, April 2013, Boston, MA. (The FASEB Journal. 2013;27:729.5)

263. Nildris Cruz, Jose Quidgley, Laurianne El Musa, Juan Garcia,Giselle Torres, Jorge Miranda, and Maria J Crespo. Increased ACE Expression and iNOS Protein Levels in the Aorta of 2-month-old Syrian Cardiomyopathic Hamsters. *FASEB J April 9, 2013 27:1165.6*

264. Jorge D. Miranda. The neuroprotective role of estradiol after spinal cord injury in adult rats. University of Puerto Rico, Cayey Campus. Seminar Presentation. November 21, 2013.
265. Jennifer M. Colón, Ámbar Cajigas, José M Santiago, Aranza Torrado, Iris K. Salgado, Nilmary Grafals, Mónica Cruz, Jorge D. Miranda · Comparative Evaluation of Estradiol and Tamoxifen neuroprotective effects during Chronic Spinal Cord Injury. Puerto Rico Neuroscience Conference (December 2013)
266. Jennifer Marie Colón, Ámbar Cajigas, José M Santiago, Aranza Torrado, Iris K. Salgado, Nilmary Grafals, Mónica Cruz, Jorge D. Miranda. Tamoxifen Treatment Improves Locomotion and Vestibular Function during Chronic Spinal Cord Injury. Puerto Rico Physiological Conference (February 2014)
267. Jennifer M. Colón, Ámbar Cajigas, José M Santiago, Aranza Torrado, Iris K. Salgado, Nilmary Grafals, Mónica Cruz, Jorge D. Miranda. Tamoxifen Neuroprotective effects during Chronic Spinal Cord Injury. Foro del Recinto de Ciencias Médicas (Marzo 2014).

268. Cruz N, Quidgley J, Dorna L, Miranda JD, and Crespo, MJ. ACE and iNOS Overexpression Correlates with Vascular Reactivity in Young Syrian Cardiomyopathic Hamsters FASEB J. (April 2014).
269. Jorge D. Miranda. Estradiol and Tamoxifen as neuroprotective agents after spinal cord injury. University of Puerto Rico, Rio Piedras Campus. **Seminar Presentation**. October 17, 2014.
270. Jennifer M. Colón, Ámbar Cajigas, José M Santiago, Aranza Torrado, Iris K. Salgado, Nilmary Grafals, Jorge D. Miranda. · Tamoxifen treatment promotes locomotor recovery, increases white matter spared tissue and decreases reactive gliosis after chronic Spinal Cord Injury. Society for Neuroscience Meeting, Washington, DC (November 2014)
271. Lyanne M. García, Jennifer M. Colón, Ámbar Cajigas, Aranza I. Torrado, Iris K. Salgado, José M. Santiago, Jorge D. Miranda. Estradiol administration after spinal cord injury enhances white matter spare tissue. Research Forum at the UPR-Medical Sciences Campus. (March 2015).

272. Jennifer M. Colón, Aranza Torrado, Ámbar Cajigas, José M Santiago, Iris K. Salgado, Jorge D. Miranda. Tamoxifen improves locomotor recovery after moderate spinal cord injury: Assessing the therapeutic window available in female rats. Kentucky Spinal Cord and Head Trust Research Symposium 2015.
273. Cajigas A, Colon JM, Gonzalez P, Torrado A, Santiago JM, Salgado IK and Miranda JD. (2015) Tamoxifen improves locomotor recovery in male rats after spinal cord injury and changes the expression profile of the estrogen receptor alpha and GAP-43. ABRCMS Conference November 11-14 at the Washington State Convention Center in Seattle, WA.
274. Colón JM, Torrado AI, Santiago JM, Salgado IK, Cajigas A, Arroyo Y, Miranda JD (2015) Tamoxifen improves locomotor recovery after spinal cord injury in male and female rats: establishing a therapeutic window for this condition. Society for Neuroscience in Chicago, IL from October 17-21.

275. González PA, Colón JM, Torrado AI, Santiago JM, Salgado IK, Cajigas A, Arroyo Y, Miranda JD (2015) Effects of Tamoxifen on Secondary Damage and Regenerative Proteins after Spinal Cord Injury in Male Rats. Puerto Rico Neuroscience Conference in December 5, 2015.
276. Colón JM, González PA, Torrado AI, Santiago JM, Miranda JD (2016) Tamoxifen mediated recovery after spinal cord injury is sex and time dependent. Medical Sciences Campus Annual Research and Educational Forum.

277. Pérez A, Ayuso S, Colón J, Millán D, Rodríguez L, Rivera S, Arroyo Y, Padín K , Rosas O, Rivera J, Colon JM, Torrado AI, Salgado IK, Miranda JD and Santiago JM (2016) Amantadine administration after spinal cord injury does not enhances functional locomotor recovery in female Sprague-Dawley rats. Medical Sciences Campus Annual Research and Educational Forum.
278. Salgado IK, Rodríguez A, Torrado AI, Santiago ME, Colón JM, González P, Frontera WR, Miranda JD. (2016) Effects of Tamoxifen on single muscle fiber function and protein expression after spinal cord injury. Society for Neuroscience. San Diego, CA.

279. Colon JM, Torrado AI and Miranda JD (2017) Effects of continuous Tamoxifen treatment in mechanical allodynia after spinal cord injury. Puerto Rico Physiological Meeting at University Central del Caribe in Bayamón, PR

280. Use of transcriptomic analysis for the production of antibodies to serve as nervous system markers in *Macrobrachium* crustaceans. Jonathan L. Crooke, Yamil E. Claudio, Sara C. Diaz, Brian D. Virella, Marcel González, Nilsa M. Rivera, María A. Sosa. Poster Presentation, 6th Annual PRCEN CREST Retreat, November 27-28, 2018, Hotel El Convento, San Juan, PR

281. Characterization of effects of Mn++ on prawn behavior and dopaminergic neurons in the CNS of freshwater prawns. Luis R. Navedo, Nilsa M. Rivera, María A. Sosa. Poster Presentation, 6th Annual PRCEN CREST Retreat, November 27-28, 2018, Hotel El Convento, San Juan, PR
282. Distribution of pigment dispersing hormone in the central nervous system of the fresh water prawn *Macrobrachium rosenbergii*. **Jose J. Lopez**, Andrea V. Rodriguez, Sara C. Diaz, Yamil E. Claudio, Nilsa M. Rivera, María A. Sosa. Poster Presentation, 6th Annual PRCEN CREST Retreat, November 27-28, 2018, Hotel El Convento, San Juan, PR
283. Use of Transcriptomic Analysis for the Design of Antibodies to Serve as Neuronal and Synaptic Markers in *Macrobrachium*crustaceans. Jonathan L. Crooke-Rosado, Sara Díaz-Méndez, Yamil Claudio-Román, Marcel González-Pedraza, Brian Virella-Berio, Nilsa M. Rivera-Chéverez, María A. Sosa-Lloréns. Poster Presentation (Abstract ID 6988), Experimental Biology Annual Meeting, April 6-9, 2019Orange County Convention Center, Orlando FL
284. Delgado Y, Pérez Caraballo D, Torres G.(2022) Structure-activity relationship of pentacyclic triterpenes against chemoresistance and metastasis on non-small lung adenocarcinoma cells. AACR Annual Meeting (April 7-13).

285. Rodriguez P, Pérez D, Ferrer Y, Delgado Y (2022) The effect of the iron chelator Deferasirox in combination with Cisplatin chemotherapy against lung carcinoma" . American Society for Biochemistry and Molecular Biology (ASBMB) at the Experimental Biology (EB) (April 2-5).

286. Delgado Y, Vázquez AM, Kowaleff M, Saxena M, Torres Z and Tinoco AD, (2017) Elucidation of the cell death pathways induced by aqueous-stable Titanium(IV) compounds as potential anticancer agents. Experimental Biology Conference, April, Chicago IL.
287. Delgado Y, Vázquez AM, Kowaleff M, Saxena M, Torres Z and Tinoco AD, Introduction to the elucidation of the cell death pathways induced by Titanium(IV) compounds. Open House at Janssen and Consumer R&D 2016, New Jersey US.
288. Delgado Y, Vázquez AM, Saxena M, Torres Z, and Tinoco AD, Apoptotic pathway activation induced by novel Titanium(IV) compounds. Gordon Research Conference (GRC) Metals in Medicine, 2016, Proctor Academy, New Hampshire US.
289. Delgado Y, Morales-Cruz M, Figueroa CM, Hernández-Román J, Hernández G, and Griebenow K, Development of HAMLET-like Cytochrome c-Oleic Acid Nanoparticles for Cancer Therapy. Workshop 6: Targeting Cancer Cell Proliferation and Metabolism Networks, 2015, Ohio, Texas US.
290. Delgado Y, Morales-Cruz M, Figueroa CM, Hernández-Román J, Hernández G, and Griebenow K, The cytotoxicity BAMLET complex is regulated by the dispersion of the oleic acid and independent of α-lactalbumin component. BioTech Connect World: Pharma & Biomaterials, 2014, Washington DC US.
291. Delgado Y, Morales-Cruz M, Figueroa CM, Hernández-Román J, Hernández G, and Griebenow K, Development of Ω-9 fatty acid-protein nanoparticles for tumor-selective delivery. 12th US-Japan Symposium on Drug Delivery Systems, 2013, Hawaii US.
292. Bianca Valdes: Valdes-Fernández, B.N., Carrasquillo K, Roche-Lima A, and Espino A.M. Fasciola hepatica Glutathione S-Transferase (FhGST) Interaction with the Toll Like Receptor 8. February 2020- AAAS Annual Meeting, Seattle Washington State.
293.
294. Van Belleghem S, Ruggieri A, Papa R (2022) High level of developmental drift under the hood of convergent evolution. Biolunch Seminar Series. University of Puerto Rico – Rio Piedras, San Juan, Puerto Rico.
295. Van Belleghem S, Ruggieri A, Concha C, Livraghi L, Hebberecht L, Warren I, McMillan WO, Counterman B, Jiggins CD, Papa R (2021) Surprising evolutionary flexibility of chromatin remodeling links mutations to developmental switches. Southeast Regional IDeA Conference November 12-14, San Juan, Puerto Rico
296. Van Belleghem S, Cole J, Papa R, Counterman B (2021) Selection and isolation define a heterogeneous divergence landscape between hybridizing Heliconius butterflies. Evolution Seminar Series. Université de Lille, Virtual.
297. Van Belleghem S, Counterman B, McMillan WO, Papa R (2021) Selection and isolation define a heterogeneous divergence landscape between hybridizing Heliconius butterflies. Heliconius Seminar Series. International meeting, Virtual.
298. Van Belleghem S, Papa R (2020) SARS-CoV-2 genomic epidemiology. COVID-19 panel series. University of Puerto Rico – Rio Piedras, San Juan, Puerto Rico.
299. Van Belleghem S, Counterman B, McMillan WO, Papa R (2020) Selection and gene flow define polygenic barriers between incipient butterfly species. Speciation & Introgression Seminar, University of California, Berkeley, US.
300. Van Belleghem S, Meléndez-Rosa J, Evans E, Ortiz-Ruiz Y, Papa R (2021) Functional genomics in butterflies. 3rd Drosophila Neurobiology Meeting. San Juan, Puerto Rico.
301. Van Belleghem S, Counterman B, McMillan WO, Papa R (2019) Breaking down color pattern evolution. Evolution 2019. Providence, Rhode Island, USA.
302. Bianca A. Torres-Hernández, Ph.D., MSc. “Strategies to Successfully Complete the Precision Medicine Research Track in the Postdoctoral Master in Clinical and Translational

Research Program". 3rd Novel Methodologies in Health Disparities Research Symposium. 2020. San Juan, Puerto Rico

303. BA Torres-Hernández; K Martínez and J Duconge. “Genes Related to Anxiety in Puerto Ricans” 2019. RCMI 2019 National Conference. Bethesda, MD, USA
304. BA Torres-Hernandez (2021) "Polymorphism in neuroplasticity-related genes and its association with anxiety and depressive symptoms severity in Caribbean Hispanic patients." 8th COBRE Annual Retreat and Assessment. 2021. Virtual Meeting.
305. Dr. Jorge Duconge and Dr. Bianca A. Torres-Hernández. (2020) "Pharmacogenomics of Cardiovascular and Psychiatric Conditions: our experience with the Caribbean Hispanics". Webinar for Pharmacy, Medicine, and Biomedical Postgraduate students, from the Atma Jaya Catholic University of Indonesia.
306. M.F. Dos Santos-Torres1, C.D. López Vega, F Godoy Vitorino and B.A. Torres Hernández “Gut-Brain Axis: Gut Microbiota Composition in Puerto Ricans Diagnosed With Psychiatric Disorders”. 2021. 29th PR Neurosciences.
307. Fernando Vera-Urbina1, Jessica Renta-Torres, Jorge Duconge-Soler and Bianca A. Torres-Hernández. “Identification of gene variants in Puerto Rican Patients with Anxiety and Depression”. 2021. 29th PR Nueroscience.
308. Alberto Díaz de Jesus – PR Neuroscience 2020 Project Title: Changes in Gene Expression in Response to Alcohol Exposure Mediating Molecular Alcohol Tolerance. https://www.youtube.com/watch?v=pWMu8_vHP1w
309. Eliezer Cartagena-López: SACNAS Poster Presentation 2019, Honolulu, Hawaii.
310. Enrique Billoch-Flores: PR Neuroscience 2020 project titled “Measurement of medium spiny neurons Sodium and Potassium electrical currents and their relationship” https://www.youtube.com/watch?v=jj5d6df3iq4
311. Eliezer Cartagena-López: PR Neuroscience 2020 project titled “Ethanol modulation of surface expression of the BK channel is isoform specific.” https://www.youtube.com/watch?v=aE7LmLXOjsc
312. Andrea N. Rivera Vélez: PR Neuroscience 2020 project titled “The Use of Open Field Tests as an Assay of Anxiety Behavior in Mice” https://www.youtube.com/watch?v=kzV823ypveQ
313. Loyra B Rodríguez Muñoz - PR Neuroscience 2020 Title: Correlation between Adverse Childhood Experiences and Alcohol Use Among College Students in Puerto Rico. https://www.youtube.com/watch?v=s7KpV_Lv-xI
314. Stephanie Palacio, Eliezer Cartagena-López, Guillermo A. Yudowski, Steven N. Treistman and Cristina Velázquez-Marrero Titled: Ethanol Modulation of Surface Expression of the BK Channel Is Isoform Specific. Presented at the 2019 SACNAS conference in Honolulu, Hawai'i.
315. E. CARTAGENA[1], K. CORDERO[2], H. G. MARRERO-HERNANDEZ[3], Y. ROMERO[3], J. O. GARCIA[4], C. VELAZQUEZ-MARRERO[5] (2021) Characterization of BK Channels isoforms stably transfected cell lines differing. Soc. for Neuroscience
316. Lead-induced hippocampal changes in BDNF and TrkB gene expression and neuronal survival. November 9, 2021, 8:45 AM - 9:45 AM. *K. CORDERO PADILLA[1], E. CARTAGENA LOPEZ[2], K. M. CARDONA JORDAN[1], C. M. VELAZQUEZ-MARRERO[1]; [1]Inst. of Neurobio. - MSC, San Juan, Puerto Rico; [2]Univ. of Puerto Rico, Cayey, Puerto Rico
317. Effects of lead exposure (Pb) on cell survival and expression of BDNF/TrkB, in cells: BJ (Fibroblasts), HEK 293 (Embryonic kidney cells) and Hippocampal Neurons. November 9, 2021, 10:00 AM - 11:00 AM. *J. GONZÁLEZ[1,3], R. GONZALEZ[2,3], K. CORDERO[4], E.

CARTAGENA[3], B. MADERA[5], D. BRACHO[6], C. VELAZQUEZ-MARRERO[7]; [2]Natural Sci., [1]Univ. of Puerto Rico, Cayey, PR; [3]Med. Sci. Campus, [4]Anatomia y Neurobiologia, Inst. of Neurobiology-RCMI, San Juan, PR; [5]Med. Sci. Campus, Mol. Sci. Res. Ctr., San Juan, PR; [6]NIEF, Inst. de Neurobiologia-RCMI, San Juan, PR; [7]Inst. of Neurobio., Univ. of Puerto Rico Med. Sci. Campus/ Inst. of Neurobio., San Juan, PR

318. A. BURGOS1, R. APONTE[2], S. N. TREISTMAN[2], C. VELAZQUEZ-MARRERO[1](2015) Time-dependent Wnt/β-catenin signaling in response to 25mM ethanol exposure. Soc. For Neuroscience, Chicago, IL.
319. A. BURGOS[1], C. VELÁZQUEZ-MARRERO[1] and S. N. TREISTMAN[2]. (2015) Quantification of β-catenin in response to 25mM ethanol exposure (2015). Annual American Society for Biochemistry and Molecular Biology Meeting.
320. Roberto A. Aponte-Rivera[1], Rafael De Jesús [2], Efrain A. Ribeiro[3], Ezekiel Mouzon[3], Eric J. Nestler[3] & Cristina Velázquez-Marrero[4], 2017. Exploring The Role Of Nucleus Accumbens Beta-catenin Expression in Alcohol Consumption. COBRE Retreat, PR
321. De Jesús Hernández, A.; Méndez-Hernández, D.; Negrón-Ríos, L. M. Synthesis of Stimuli-Responsive Lipid Dendrimer Nanoparticles as Delivery Systems to Encapsulate Brain-Derived Neurotrophic Factor (BDNF) to Induce Neuroplasticity. American Chemical Society 54th ACS Junior Technical Meeting & 39th Puerto Rico Interdisciplinary Scientific Meeting (PRISM), Virtually Remote Activity. April 23-24, 2021.
322. Agosto Nieves, R. J.; Méndez-Hernández, D.; Negrón-Ríos, L. M. Design and Synthesis of Lipid Dendrimer Nanoparticles for the Encapsulation and Delivery of Hydrophobic Drugs Used for Brain Cancer Treatment. American Chemical Society 54th ACS Junior Technical Meeting & 39th Puerto Rico Interdisciplinary Scientific Meeting (PRISM), Virtually Remote Activity. April 23-24, 2021.
323. Negrón-Ríos, L. M.; Lipid Dendrimers as a Convenient Strategy to Construct Nanoparticles for Drug-Delivery Applications. American Chemical Society 43rd Senior Technical Meeting, 54th Junior Technical Meeting & PR-LSAMP Fall Meeting, Virtually Remote Activity. December 4, 2020.
324. Negrón-Hernández J.; Méndez-Hernández, D.; Negrón-Ríos, L. M. Prediction of Micelles Attributes Based on DFT-Calculated Molecular Physical Properties. 2020 SACNAS, The National Diversity in STEM Conference, Virtually Remote Activity. August 21, 2020.
325. López Colón, A.; Méndez-Hernández, D.; Negrón-Ríos, L. M. Study of the Hydrophobic Formation of Lipid Dendrimer Nanoparticles used as Potential Strategy to Encapsulate Statins Drugs Used for Brain Stroke Treatment. Annual Biomedical Conference for Minority Students 2020 (ABRCMS 2020), Virtually Remote Activity. November 12, 2020.
326. De Jesús Hernández, A.; Méndez-Hernández, D.; Negrón-Ríos, L. M. Synthesis of Stimuli-Responsive Lipid Dendrimer Nanoparticles as Delivery Systems to Encapsulate Brain-Derived Neurotrophic Factor (BDNF) to Induce Neuroplasticity. 27th Puerto Rico Neuroscience Conference at the American University of Puerto Rico, Bayamón, PR, December 7, 2019.
327. López Colón, A.; Méndez-Hernández, D.; Negrón-Ríos, L. M. Study of the Hydrophobic Formation of Lipid Dendrimer Nanoparticles used as Potential Strategy to Encapsulate Statins Drugs Used for Brain Stroke Treatment. 27th Puerto Rico Neuroscience Conference at the American University of Puerto Rico, Bayamón, PR, December 7, 2019.
328. Gonzalez Dalmasy, J.; Méndez-Hernández, D.; Negrón-Ríos, L. M. The Role of Dendrimer Generation of Lipid Dendrimer Nanoparticles in the Encapsulation of Insoluble Drugs Used

to Treat Alzheimer Disease. 27th Puerto Rico Neuroscience Conference at the American University of Puerto Rico, Bayamón, PR, December 7, 2019.

329. Ghezzi A, Atkinson NS (2016). CBP-mediated control of long-term drug neuroadaptation in Drosophila. Poster at NIDA Genetics Consortium Meeting (NIH); Bethesda, MD; Dec 1-2, 2016.
330. Ghezzi A, Atkinson NS (2017). Homeostatic regulation of alcohol tolerance gene networks in Drosophila. Invited oral presentation at International Behavioural and Neural Genetics Society - 19th Annual Genes, Brain & Behavior Meeting; Madrid, Spain; May 15-18, 2017.
331. Imani S, Ghezzi A, Gallant J, Zakon H (2017). Keeping it brief: evolution of a voltage-gated potassium channel in electric fish. Poster at Annual Meeting of the Society for Molecular Biology and Evolution 2017; Austin, Texas; Jul 2-6, 2017.
332. Ghezzi A. Ramirez ME, Agosto JL, Atkinson NS (2017). Circadian genes, Sleep, and Alcohol in Drosophila. Poster at Society for Neuroscience - 47th annual meeting; Washington, DC; Nov 11-15, 2017.
333. Padilla A, Ramirez ME, Billini C, Agosto JL, Ghezzi A (2018). Cross-drug gene expression overlaps reveal potential targets for pharmaco-epigenetic interventions in drug addiction. Poster at Experimental Biology 2018 Conference; San Diego, CA; Apr 21-25, 2018.
334. Ghezzi A, Ramirez-Roman ME, Billini C, Atkinson NS (2018). Epigenetic control of long-term drug neuroadaptation. Poster at 7th Biennial National IDeA Symposium of Biomedical Research Excellence (NISBRE); Washington, DC; Jun 24-26, 2018.
335. Ramirez-Roman ME, Billini CE, DeJesus-Ramirez GM, Buffill-Cartagea D, Perez M, De Jesus L, Agosto JL, Atkinson NS, Ghezzi A (2018). Homeostatic mechanisms of alcohol-induce sleep disturbances in Drosophila. Poster at Society for Neuroscience annual meeting; San Diego, CA; Nov 3-7, 2018.
336. Padilla A, Ramirez ME, Billini C, Francia M, Agosto JL, Ghezzi A (2018). Analysis of ethanol and ketamine cross-drug interaction reveals potential targets for epigenetic therapies in alcohol disorder. Poster at Society for Neuroscience annual meeting; San Diego, CA; Nov 3-7, 2018.
337. Francia M, De Jesús LA, Méndez O, Díaz N, Madera B, Rodríguez N, Ghezzi A, Agosto JL (2018). Pumilio, a possible link between sleep and neuronal homeostasis. Poster at Society for Neuroscience annual meeting; San Diego, CA; Nov 3-7, 2018.
338. Ghezzi A (2019). Chromatin dynamics of Heliconius wing color pattern development. Invited oral presentation at Pan American Heliconius meeting; University of Puerto Rico; San Juan, PR; Feb 1-2, 2019.
339. Narvaez MM, Ramirez-Roman ME, Francia M, Acevedo J, Jorquera R, Agosto JL, Atkinson NS, Ghezzi A (2019). The role of VAMP7 in regulating PDF controlled sleep patterns and locomotor activity. Poster at Genetics Society of America, Drosophila Research Conference; Dallas, TX; Mar 27-31, 2019.
340. Ramirez-Roman ME, Anqueira, A, Agosto JL, Ghezzi A (2019). Molecular and neural mechanisms of alcohol-induced sleep disruption in Drosophila. Poster at International Behavioural and Neural Genetics Society - Annual Genes, Brain & Behavior Meeting; Edinburg, Scotland; May 10-14, 2019.
341. Ramirez-Roman ME, Anqueira, A, Agosto JL, Ghezzi A (2019). Molecular mechanisms of alcohol-induced sleep disruption in Drosophila. Poster at Cold Spring Harbor, Neurobiology of Drosophila Meeting; Cold Spring Harbor, NY; Oct 1-5, 2019.

342. Anqueira-González A, Fuenzalida NL, Agosto JL, Ghezzi A (2019). The molecular mechanisms of ethanol neuroadaptation. Poster at Society for Neuroscience annual meeting; Chicago, IL; Oct 19-22, 2019.
343. Ramos_Rodriguez L, Billini C, Figueroa-Pagan EM, Agosto JL, Ghezzi A (2019). Tip60 as a significant player in the creation of alcohol tolerance. Poster at Society for Neuroscience annual meeting; Chicago, IL; Oct 19-22, 2019.
344. Diaz-Rodriguez NM, Ortiz-Castellano Y, Mendez O, Francia MR, Marrero-Ramos LO, Ghezzi A, Agosto JL (2019). Pumilio in hemocytes regulate sleep behavior. Poster at Society for Neuroscience annual meeting; Chicago, IL; Oct 19-22, 2019.
345. Ramirez-Roman ME, Ayala-Santiago G, Agosto JL, Ghezzi A (2020). Role of the Drosophila small lateral ventral neurons in the regulation of behavioral responses to alcohol. Poster at Genetics Society of America, TAGC – The Allied Genetics Conference; Washington, DC (Online); Mar 22-29, 2020.
346. Croslyn C, Acevedo JP, Ghezzi A (2020). Temporal Clustering of Alcohol-Responsive genes in Drosophila. Contributed oral presentation at ABRCMS 2020: The Virtual Experience; Online; Nov 9-13, 2020.
347. Anqueira-González A, Fuenzalida NL, Agosto JL, Ghezzi A (2020). The molecular mechanisms of ethanol neuroadaptation. Poster at ABRCMS 2020: The Virtual Experience; Online; Nov 9-13, 2020.
348. Ramirez-Roman ME, Ayala-Santiago G, Agosto JL, Ghezzi A (2021). Dose-dependent effect of ethanol on sleep patterns in Drosophila melanogaster. Poster at Society for Neuroscience – Global Connectome; Online; Jan 11-13, 2021.
349. Croslyn C, Ramos-De Jesus C, Acevedo JP, Ghezzi A (2021). Temporal Clustering of Alcohol-Responsive genes in Drosophila. Poster at Genetics Society of America, Drosophila Research Conference; Online; Mar 22-29, 2021.
350. Fuenzalida-Uribe NL, Irizarry-Hernandez C, Diaz-Nieves IA, Ghezzi A (2021). Neurophysiological correlates of alcohol tolerance in the Mushroom Body of Drosophila melanogaster. Poster at Society for Neuroscience, Neuroscience 2021; Online; Nov 3-7, 2021.
351. Kuchibhotla M. Montes A, Ortiz-Elias EW, Rodriguez JA, Agosto JL, Ghezzi A (2021). Pumilio -a translational regulator- as a modulator of alcohol tolerance via macrophages. Poster at Society for Neuroscience, Neuroscience 2021; Online; Nov 3-7, 2021.
352. Montes A, Dasta-Cruz C, Ramos-Rodriguez L, Del Valle-Colon C, Kuchibhotla M, Agosto JL, Ghezzi A (2021). The role of histone acetyltransferase activity in alcohol-induced neuroadaptations. Poster at Society for Neuroscience, Neuroscience 2021; Online; Nov 3-7, 2021.
353. Irizarry-Hernandez C, Fuenzalida NL, Ghezzi A (2021). Molecular mechanisms of alcohol neuroadaptation in a Drosophila model. Poster at Society for Neuroscience, Neuroscience 2021; Online; Nov 3-7, 2021.
354. Ghezzi A (2017). Homeostatic mechanisms of alcohol induced Neuroadaptation. Invited oral presentation at 1st Puerto Rican Drosophila Neurobiology Meeting- From Neural Networks to Synaptic Plasticity; San Juan, PR; May 6, 2017.
355. Ghezzi A (2018). Epigenetic regulation of gene networks during alcohol-induced neuroadaptation. Invited oral presentation at COBRE 5th Annual Retreat. San Juan, PR; Apr 26-27, 2018.

356. Padilla A, Ramirez ME, Billini C, Agosto JL, Ghezzi A (2018). Cross-drug analysis of ethanol and ketamine reveal potential targets for pharmaco-epigenetic interventions in drug addiction. Poster at 2nd Puerto Rico Drosophila Neurobiology (Mini-Brains) Meeting; San Juan, PR; Aug 11, 2018.
357. Ramirez-Roman ME, Billini CE, DeJesus-Ramirez GM, Buffill-Cartagea D, Perez M, De Jesus L, Agosto JL, Atkinson NS, Ghezzi A (2018). Homeostatic mechanisms of alcohol-induce sleep disturbances in Drosophila. Contributed oral presentation at 26th Puerto Rico Neuroscience Conference; Ponce, PR; Dec 2018.
358. Ghezzi A (2019). Organizer and Chair of the Symposium. Symposium Chair at 3rd Puerto Rico Drosophila Neurobiology (Mini-Brains) Meeting; San Juan, PR; Mar 16, 2019.
359. Ghezzi A (2019). Molecular mechanisms of alcohol-induced sleep disruption in Drosophila. Invited oral presentation at 4th Puerto Rico Drosophila Neurobiology (Mini-Brains) Meeting; San Juan, PR; Nov 7, 2019.
360. Anqueira-González A, Fuenzalida NL, Agosto JL, Ghezzi A (2020). The molecular mechanisms of ethanol neuroadaptation. Poster at 28th Puerto Rico Neuroscience Conference; San Juan, PR – Online; Dec 5, 2020.
361. Ramirez-Roman ME, Ayala-Santiago G, Agosto JL, Ghezzi A (2020). Effect of alcohol on sleep patterns in Drosophila melanogaster. Poster at 28th Puerto Rico Neuroscience Conference; San Juan, PR – Online; Dec 5, 2020.
362. Ramos-De Jesus C, Croslyn C, Ghezzi A (2020). Gene ontology analysis of long-term alcohol-induced neuroadaptation. Poster at 28th Puerto Rico Neuroscience Conference; San Juan, PR – Online; Dec 5, 2020.
363. Dasta-Cruz C, Montes-Mercado A, Ramos-Rodriguez L, Ghezzi A (2020). The Role of Tip60 in the Development of Alcohol Tolerance. Poster at 28th Puerto Rico Neuroscience Conference; San Juan, PR – Online; Dec 5, 2020.
364. Diaz-Nieves I, Ghezzi A (2020). Ascertaining the Epigenetic Mechanisms of Alcohol Dependence Utilizing a CRISPR/dCas9-based Toolset. Poster at 28th Puerto Rico Neuroscience Conference, San Juan, PR –Online, December 5, 2020.
365. Irizarry-Hernandez C, Fuenzalida NL, Ghezzi A (2021). Molecular mechanisms of alcohol neuroadaptation in a Drosophila model. Poster at 29th Puerto Rico Neuroscience Conference, San Juan, PR –Online, December 4, 2021.
366. Ghezzi A (2017). Homeostatic neuroadaptation to alcohol in Drosophila. Invited seminar at Institute of Neurobiology, University of Puerto Rico, Medical Science Campus; San Juan, PR; Apr 7, 2017.
367. Ghezzi A (2017). Alcohol neuroadaptation in Drosophila: From genes to synapses. Invited seminar at Department of Neuroscience, Universidad Central del Caribe; Bayamon, PR; Sep 1, 2017.
368. Ghezzi A (2018). Genetics and epigenetics of alcohol neuroadaptation in Drosophila. Invited seminar at RISE/MARC Seminar Series, University of Puerto Rico-Rio Piedras; San Juan, PR; Feb 2, 2018.
369. Ghezzi A (2018). Genetics and epigenetics of alcohol-neuroadaptation in drosophila. Outreach seminar at Department of Biology, University of Puerto Rico, Bayamon; Bayamon, PR; May 18, 2018.
370. Ghezzi A (2018). When you drink, keep the HAT on: A story on epigenetics and alcohol neuroadaptation. Invited seminar at AAAS-Caribbean Division Science Cafe; Ocean Lab Brewing Company; Carolina, PR; May 25, 2018.

371. Ghezzi A (2018). Molecular mechanisms of alcohol neuroadaptation. Outreach seminar at Department of Biology, Universidad del Sagrado Corazon; San Juan, PR; Oct 27, 2018.

372. Ghezzi A (2018). Your brain in alcohol: a story on epigenetics and alcohol neuroadaptation. Outreach seminar at Department of Biology, University of Puerto Rico, Cayey; Cayey, PR; Nov 29, 2018.

373. Ghezzi A (2019). When you drink, keep the HAT on: A story on epigenetics, alcohol and neuroadaptation. Invited seminar at Department of Psychology, Oklahoma State University; Stillwater, OK; Feb 28, 2019.

374. Ghezzi A (2019). Epigenetic mechanisms of alcohol neuroadaptation in Drosophila. Invited seminar at Department of Physiology, University of Puerto Rico-School of Medicine; San Juan, PR; Oct 10, 2019.

375. Ghezzi A (2020). Epigenetic regulation of transcriptional dynamics during alcohol neuroadaptation. Invited seminar at Department of Biology, University of Puerto Rico, Rio Piedras; San Juan, PR; Dec 1, 2020.

376. Ghezzi A (2021). Molecular mechanisms of neuroadaptation to alcohol. Outreach seminar at University of Puerto Rico, Arecibo Campus; Arecibo, PR; Jan 28, 2021.

377. Ghezzi A (2021). Genetics and epigenetic of alcohol neuroadaptation in Drosophila. Outreach seminar at Department of Natural Sciences, University of Puerto Rico, Aguadilla Campus; Aguadilla, PR; Feb 9, 2021.

378. Ghezzi A (2021). Molecular mechanisms of neuroadaptation to alcohol. Outreach seminar at Puerto Rico Institute for Microbial Ecology Research, Division of Natural Sciences and Technology, Universidad Ana G. Méndez, Recinto de Gurabo; Gurabo, PR; Mar 10, 2021.

379. Ghezzi A (2021). Genetics and Epigenetics of Transcriptional Adaptation. Outreach seminar at Department of Biology, Interamerican University of Puerto Rico; Bayamon, PR; Nov 18, 2021.

380. Ghezzi A (2021). Molecular mechanisms of alcohol-induced sleep-dysregulation. Invited seminar at Institute of Neurobiology, University of Puerto Rico, Rio Piedras; San Juan, PR; Nov 29, 2021.

381. Ghezzi A (2022). Molecular mechanisms of alcohol-induced neuroadaptation in Drosophila. Invited seminar at Drug Addiction workshop-UPR-MUSC; University of Puerto Rico, Rio Piedras; San Juan, PR; May 10, 2022.

382. Ghezzi A (2017). The genomic landscape of CREB regulation during alcohol neuroadaptation in Drosophila. Invited Lecturer at Illumina Next-Generation Sequencing Symposium and RNA Sequencing Workshop at University of Puerto Rico; San Juan, PR; May 9-10, 2017.

383. Ghezzi A (2018). ATAC-Seq data analysis workshop. Instructor and Co-organizer at STRI Workshop: ATAC seq for Heliconius epigenomic profiling. Smithsonian Tropical Research Institute; Gamboa, Panama; March 5-8, 2018 .

384. Ghezzi A (2018). Mechanisms of gene regulation. Instructor and Co-organizer at UPR Workshop: Genome-wide characterization of chromatin accessibility; MSRC University of Puerto Rico, Rio Piedras; San Juan, PR; September 26, 2018.

385. Ghezzi A (2020). RNA-seq Workshop. Instructor and Organizer at UPR Workshop: From design to analysis: a beginner's guide to RNA-seq; University of Puerto Rico, Rio Piedras; San Juan, PR; April–May, 2020
386. Prieto-Costas, Luis A., Milton, Logan, Quiñones, Carla M., Rivera, José M. "Screening and quantification of dyes in supramolecular particles made from guanosine derivatives" ACS Junior Technical Meeting/Puerto Rico Interdisciplinary Scientific Meeting. April 2021. Virtual meeting
387. Y. Ferrer-Acosta, (2020)"Exploring the Expression of TLT-1 in Brain Cells" University of Puerto Rico, Rio Piedras Campus presentation for graduate and undergraduate students.
388. Simara Laboy and Nicolau E. (2021) Peptide-modified Cellulose Acetate Electrospun Membranes as Bioactive Scaffolds for Bone Tissue Regeneration, JTM.
389. J. Colón 50th Society for Neuroscience Meeting The cholinergic anti-inflammatory response in high fat diet induced neuroinflammation (Virtual) Power Point Presentation November 11, 2021, Chicago.
390. M. González and L.Retamar. Antimicrobial Nanoparticles for biomedical applications. science and technology research symposium. Inter American Univestity of Puerto Rico. September 24, 2021
391. Y. Ferrer-Acosta, "Memantine and the 4R-cembranoid share a simi-lar nicotinic neuroprotective pathway in acute hippocampal slices" University of Miami SoM BMB Research Series November 12, 2021.
392. Y. Ferrer-Acosta, Y. Delgado-Reyes, "Delivery of Edelfosine through the BBB using a transferrin-based delivery system to treat epilepsy" The Alliance Retreat December 2-3 2021, Royal Sonesta Hotel, PR.
393. Y. Delgado-Reyes, Dinely Perez, P. Ferchmin, Y. Ferrer-Acosta, "Neuroprotective Properties of Phospholipase Cβ Inhibitors, Novel Drug Candidates to Treat Epileptic Seizures" 29th PR Neuroscience December 4, 2021.
394. Velazquez-Marrero C (2016) Alcohol Molecular Tolerance: From Neurons to Behavior. University of the South, TN
395. Velazquez-Marrero C (2016) Mechanism mediating molecular Tolerance: Wnt/beta-catenin Signaling. Soc for Neuroscience, San Diego, CA
396. Velazquez-Marrero C (2015) Alcohol Molecular Tolerance: From Neurons to Behavior. Soc for Neuroscience, Chicago, IL
397. Velazquez-Marrero C (2018) Alcohol Molecular Tolerance: From Neurons to Behavior. SACNAS, New England Regional Conference. Worcester, MA
398. Velazquez-Marrero C (2018) Alcohol Molecular Tolerance: From Neurons to Behavior. 6th Biennial National IDeA Symposium of Biomedical Research. Washington, DC.
399. Velazquez-Marrero C (2016) Mechanism mediating molecular Tolerance: Wnt/beta-catenin Signaling. Summer SPINES Program. MBL Laboratories Research, Woods Hole, MA.
400. Velazquez-Marrero C (2016) Alcohol Molecular Tolerance: From Neurons to Behavior. Res. Society of Alcoholism Annual Meeting.
401. Velazquez-Marrero C (2020) Alcohol Molecular Tolerance: From Neurons to Behavior. Annual PR Neuroscience Conference
402. Velazquez-Marrero C (2021) How to write a proposal? Neuro Electronics Design Computational Program. Polytechnic University.

403. Velazquez-Marrero C (2015-2019) Presentations at the Centers of Biomedical Research Excellence (COBRE). San Juan, PR
404. Velazquez-Marrero C (2015-present) Several poster presentations at the Society for Neuroscience Meetings.
405. Hampel S (2022) Reconstructing neural circuits underlying grooming behavior in FlyWire. Virtual Flywire meeting – SEZ connectomics, NJ.
406. Hampel S (2021) Establishing an experimental model for probing the neural and molecular basis of abnormally repetitive behavior. PR INBRE and COBRE Symposium. San Juan, PR.
407. Hampel S (2020) Establishing an experimental model for probing the neural and molecular basis of abnormally repetitive behavior. Yale/UPR Seminar Series. San Juan, PR.
408. Hampel S (2020) Exploring how the nervous system produces movement sequences. Brown University. RI

409. Seeds A (2019) “Biology in motion: Exploring how the nervous system produces movement sequences.” Massachusetts Institute of Technology, Boston, Massachusetts.
410. Seeds A (2019) “Biology in motion: Exploring how the nervous system produces movement sequences.” Microsoft Research Summit.
411. Seeds A (2018) “Neural mechanisms involved in a behavioral sequence” University of Puerto Rico Medical Sciences Campus, San Juan, Puerto Rico.
412. Seeds A (2018) “Biology in motion: Exploring how the nervous system produces movement sequences.” Stanford University, San Francisco, California.
413. Seeds A (2018) “Neural mechanisms involved in a behavioral sequence” University of Puerto Rico, San Juan, Puerto Rico.
414. Seeds A (2017) “Neural mechanisms involved in a behavioral sequence” Florida Atlantic University, Jupiter, Florida.
415. Seeds A (2017) “Neural mechanisms involved in a behavioral sequence” West Virginia University, Morgantown, West Virginia.
416. Seeds A (2017) “Neural mechanisms involved in a behavioral sequence” Universidad Central del Caribe, Bayamon, Puerto Rico.
417. Seeds A (2017) “Exploring how the nervous system produces movement sequences” Puerto Rico INBRE and COBRE Symposium, San Juan, Puerto Rico.

418. Seeds A (2017) “A suppression hierarchy among competing motor programs drives sequential grooming” 1st Puerto Rican *Drosophila* Neurobiology Meeting, Universidad Central del Caribe, Bayamon, Puerto Rico.

419. Seeds A (2017) “Biology in motion: Exploring how the nervous system produces movement sequences.” COBRE 4rth Annual Retreat, Old San Juan, Puerto Rico.

420. Seeds A (2017) “A neural circuit for grooming movement control” Full Adult Fly Brain (FAFB) Tracers’ Workshop. Janelia Research Campus, Ashburn, Virginia.
421. Seeds A (2016) “Exploring how the nervous system produces movement sequences” Freie University, Berlin, Germany.

422. Seeds A (2016) “Exploring how the nervous system produces movement sequences” Max-Planck Symposium of the Biology and Medicine Section, Berlin, Germany.

423. Seeds A (2016) “Biology in motion: Exploring how the nervous system produces movement sequences.” University of North Carolina, Chapel Hill, North Carolina.

424. Seeds A (2016) “Biology in motion: Exploring how the nervous system produces movement sequences.” McGill University, Montreal, Canada.

425. Miranda JD (2022) Tamoxifen: an FDA approved drug that confers neuroprotection after spinal cord injury. 3rd West Puerto Rico Neuroscience Symposium. Organization for Development in Neuroscience. Neuro-RUM (University of Puerto Rico Mayaguez Campus) Chapter.