

Emelyn Mariel Salazar Castillo, Ph.D.

Post-doctoral researcher, National Natural Toxins Research Center (NNTRC)

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EDUCATION

2018 Ph.D., Biology mention Immunology. Instituto Venezolano de Investigaciones Científicas (IVIC). Caracas, Venezuela.

2009 Licenciatura en Bioanálisis (B.S. in Medical Technology). Universidad Central de Venezuela. Caracas, Venezuela.

EMPLOYMENT

2018-Present Postdoctoral Researcher, NNTRC

2017-2018 Professional Associated to Research A1, Physiopathology Laboratory, Instituto Venezolano de Investigaciones Científicas (IVIC), Venezuela

2011 Internship, Molecular Pathology Laboratory, Instituto Venezolano de Investigaciones Científicas (IVIC), Venezuela

2008-2009 Internship, General Laboratory, Hospital Clínico Universitario (HUC), Venezuela

HONORS AND AWARDS

1. Excellence IVIC Scholarship recipient (2010-2015).
2. Reach the World Award Grant to attend the XXV Congress of the International Society of Thrombosis and Haemostasis (2015).
3. Researcher A1 Program to stimulate research and innovation from the Science, Technology and Innovation Ministry of Venezuela (2015-2018).

PUBLICATIONS

Refereed Journal Articles

1. **Salazar, E.**, Salazar, A.M., Taylor, P., Ibarra, C., Rodríguez-Acosta, A., Sánchez, E., Pérez, K., Brito, B., Guerrero, B. (2018). Pro-inflammatory response and hemostatic disorder induced by venom of the coral snake *Micrurus tener tener* in C57BL/6 mice. *Toxicon*. 150, 212-219.
2. Rodríguez-Acosta, A., Salazar, A.M., **Salazar, E.**, Sánchez, E.E., Girón, M.E., Aguilar, I., Vivas, J., Guerrero, B. 2016. Sistema fibrinolítico: métodos de estudio y hallazgos en venenos de serpientes de los géneros *Bothrops*, *Crotalus* y *Micrurus* en Venezuela. *Saber*, Universidad de Oriente. 28(4): 1-39.
3. Taylor, P., **Salazar, E.**, Barrios, M., Salazar, A.M., Abad, M.J., Shealy, D., Arocha-Piñango, C.L., Guerrero, B. 2016. Role of the inflammatory response in the hemorrhagic syndrome induced by the hemolymph of the caterpillar of *Lonomia Achelous*. *Toxicon*. 121: 77-85.

4. Higuera, D., **Salazar, E.**, Pérez, K., Bravo, M., Guerrero, B. 2015. Hemostasis alterations associated to complications in sickle cell syndrome J Thromb Haem. 13(Suppl 2): 807-808.
5. **Salazar, E.**, Salazar, A.M., Pérez, K., Urdanibia, I., Rodríguez-Acosta, A., Taylor, P., Guerrero, B. 2015. Activation of the endothelium may be involved in the hemostatic alterations induced by *Micrurus tener tener* venom in C57BL/6 mice. J Thromb Haem. 13(Suppl 2): 577.
6. **Salazar, E.** 2015. Alteraciones hemostáticas y hematológicas de venenos micrúricos". Invest Clin. 56(Suppl 1): 427-429.
7. Salazar, A.M., Bouza, K., Gómez, L., Rodríguez-Acosta, A., **Salazar, E.**, Carvajal, Z., Guerrero, B. 2013. Hemostatic alterations in mice model produced by mapanare snake venom (*Bothrops isabellae*) from Venezuelan Andes. J Thromb Haem. 11(Suppl 2): 1201.
8. **Salazar, E.**, Salazar, A.M., Taylor, P., Rodríguez-Acosta, A., Sánchez, E., Carvajal, Z., Guerrero, B. 2013. Hemostatic alteration induced by *Micrurus tener tener* venom on C57BL/6 mice. J Thromb Haem. 11(Suppl 2): 921-922.

INVITED ORAL PRESENTATIONS

1. Topics in Immunology at the Clinical Laboratory. Interactions between inflammation and hemostasis. Caracas, Venezuela. June 16th, 2012.
2. VI Scientific Congress "Dr. Eduardo Mora La Cruz" of the Faculty of Medicine from LUZ. Hemostatic and hematological alterations induced by micruric venoms. Maracaibo, Venezuela. April 29th, 2015.

RESEARCH AND CREATIVE ACTIVITIES

Ongoing Research Support

Sanchez, E. (PI)
 NIH/BMRG
Viper Resource Center at Texas A&M University-Kingsville
 \$2,548,610

06/01/2014 – 02/28/2019